RECEIVED
JUN 12 2025
Environmental Quality Board

west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone:304-926-0495/Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
dep.wv.gov

June 11, 2025

**CERTIFICATION**

**RE: WV/NPDES Permit Registration Number WV0023302**
**Clarksburg Sanitary Board**
**Harrison County**

**APPEAL NO.: 25-06-EQB**

I, Jeremy W. Bandy, Division of Water and Waste Management, Department of Environmental Protection, in compliance with Chapter 22B, Article 1, Section 7(e), Code of West Virginia, as amended, do hereby certify that the enclosed is a true and accurate reproduction of the record of the proceedings out of which the appeal arises including documents and correspondence in the Director's file relating to the matter in question. Due to reproduction problems, maps have been omitted. These items are available for inspection at the Division of Water and Waste Management in Charleston.

DIVISION OF WATER AND WASTE MANAGEMENT

Jeremy W. Bandy
Director

JWB:ld

Enclosures

West Virginia Environmental Quality Board

601 57th Street, S.E.
Charleston, West Virginia 25304

Phone: (304) 414-1128
eqb.wv.gov

**MEMORANDUM**

**DATE:** June 2, 2025

**TO:** Jeremy W. Bandy, Director
Division of Water and Waste Management
West Virginia Department of Environmental Protection (WVDEP)

**CC:** Teresa Pauline, Division of Water and Waste Management, WVDEP
Yogesh Patel, Division of Water and Waste Management, WVDEP
Brad Wright, Division of Water and Waste Management, WVDEP

**FROM:** Kenna M. DeRaimo, Clerk KMD
Environmental Quality Board

**RE:** Request for Certified File – Appeal No. 25-06-EQB
***Clarksburg Sanitary Board v. WVDEP***

Attached is **Appeal No. 25-06-EQB**, which was filed with the Environmental Quality Board ("EQB") on **May 28, 2025**. Within fourteen (14) days after receipt of this appeal, you must prepare, certify, and provide to the EQB a complete paper record of the proceedings out of which the appeal arises, including all documents and correspondence in the Director's file relating to the matter in question.

The record must be presented in chronological order with each page consecutively numbered. **The Certified Record in this matter is due on June 16, 2025.** In addition to the paper copy, please also send an electronic copy of the complete record to Kenna DeRaimo, Clerk of the EQB, at Kenna.M.DeRaimo@wv.gov.

If you have any questions about what to include in the certified record, please contact the West Virginia Department of Environmental Protection's Office of Legal Services.

Thank you for your attention to this matter.

RECEIVED
MAY 28 2025
Environmental Quality Board

**WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD**
**CHARLESTON, WEST VIRGINIA**

**CLARKSBURG SANITARY BOARD**

**Appellant,**

**v.**

**Appeal No.** 25-06-EQB

**DIRECTOR, DIVISION OF WATER AND WASTE MANAGEMENT, WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Appellee.**

## NOTICE OF APPEAL

COMES NOW Clarksburg Sanitary Board (hereinafter "Appellant" or "CSB"), by counsel, Marc C. Bryson, Marissa G. Nortz, and the law firm of Steptoe & Johnson PLLC, and respectfully represents that it is aggrieved by the West Virginia Department of Environmental Protection, Division of Water and Waste Management's (hereinafter "Appellee" or "WVDEP") renewal of West Virginia/National Pollutant Discharge Elimination System Permit No. WV0023302 (hereinafter "Permit"). The renewal permit was dated April 29, 2025, and received by Appellant via electronic mail on April 29, 2025.

Pursuant to West Virginia Code § 22-11-21, Appellant timely files this Notice of Appeal with the West Virginia Environmental Quality Board (hereinafter "Board") and further prays that this matter be reviewed and this Board grant the following relief:

1. Revision of the Permit as described in ***Attachment A*** to this Notice of Appeal.

The facts alleged relevant to this Appeal and the particular grounds on which this Appeal is based, including questions of fact and law to be determined by this Board, are set forth in detail in

numbered paragraphs and attached hereto as ***Attachment A***. Amendment of this Notice of Appeal may be had only by leave of this Board for good cause shown.

Dated this 28th day of May, 2025.

**Respectfully submitted,**

**Clarksburg Sanitary Board**

**By counsel:**



Marc C. Bryson (W. Va. Bar No. 10589)
Marissa G. Nortz (W. Va Bar No. 12742)
STEPTOE & JOHNSON PLLC
707 Virginia Street, East
Charleston, West Virginia 25301
Telephone: (304) 353-8000
Facsimile: (304) 353-8180

*Counsel for Appellant, Clarksburg Sanitary Board*

## ATTACHMENT A

### I. Introduction

In March of 2025, pursuant to West Virginia Code Chapter 22, Article 11, and West Virginia Code of State Rules § 47-10-12.1.b, WVDEP published draft Permit No. WV0023302 for public comment. On April 17, 2025, CSB submitted comments to the draft Permit. *See* Comments on Draft WV/NPDES Permit No. WV0023302 (April 17, 2025), attached hereto as ***Attachment B***.

On April 29, 2025, WVDEP reissued CSB's Permit via electronic mail. *See* WV/NPDES Permit No. WV0023302, attached hereto as ***Attachment C***. Since the COVID-19 pandemic, WVDEP has been using electronic notification to satisfy its notification requirements. CSB did not challenge this electronic notice.

CSB's renewed Permit authorizes it to operate and maintain a combined wastewater collection system and an existing 8.0 million gallons per day activated sludge wastewater treatment plant. CSB's permitted facilities are designed to serve a population of approximately 80,000 people with approved discharges of treated wastewater to the West Fork River.

CSB has reviewed this renewed Permit, including WVDEP's response to CSB's comments, and asserts that it is aggrieved by certain terms and conditions contained therein. CSB timely files this Notice of Appeal with the West Virginia Environmental Quality Board raising the following questions of fact and law.

### II. Questions of Fact and Law

**A. As a matter of fact and law, did WVDEP act appropriately in including "end-result" requirements in CSB's renewed Permit in violation of the federal Clean Water Act and West Virginia Water Pollution Control Act?**

Section F.3.a. of CSB's renewed Permit contains an inappropriate an unlawful "end-result" requirement in violation of § 1311(b)(1)(C)[1] of the federal Clean Water Act (hereinafter "CWA") and West Virginia's incorporation of such federal provisions within the West Virginia Water Pollution Control Act. The Supreme Court of the United States' recent decision in *City and County of San Franciso, California v. Environmental Protection Agency*, 145 S. Ct. 704 (2025), confirms that such "end-result" requirements are contrary to the requirements of the CWA and a state's incorporation thereof. This unlawful provision states:

> 3.a. To the extent provided by law, the discharges from the permittee's CSOs shall not cause or contribute to an in-stream excursion above any numeric or narrative criteria developed and adopted as part of the WV water quality standards.

***Attachment C*** at § F.3.a, pg. 46 of 48. CSB challenged WVDEP's inclusion of this end-result requirement during the public comment period, referring WVDEP to the Supreme Court's *San Franciso* decision and requesting that this provision be removed from the final Permit. *See* ***Attachment B*** at pg. 4. In declining to remove the unlawful provision, WVDEP offered the following response to CSB's comment:

> The language in this section was previously evaluated by the USEPA, WVDEP, and MWQA when the language was developed many years ago. The Agency believes the existing language is appropriate. However, please note that Administrative Order 8260 affords relief from this requirement while the LTCP is being implemented.

***Attachment C***, Response to Comment No. 8, pg. 2. WVDEP's inclusion of § F.3.a in CSB's renewed Permit violates the federal CWA and West Virginia Water Pollution Control Act. CSB requests that this Board ORDER WVDEP to remove this unlawful provision from its Permit.

**1. NPDES end-result permit requirements violate the Clean Water Act.**

[1] Section 1311(b)(1)(C) of the CWA states: "[N]ot later than July 1, 1977, any more stringent limitation, including those necessary to meet water quality standards, treatment standards, or schedules of compliance, established pursuant to any State law or regulations (under authority preserved by section 1370 of this title) or any other Federal law or regulation, or required to implement any applicable water quality standard established pursuant to this chapter."

WVDEP asserts that the language in § F.3.a of the renewed Permit is appropriate because it was evaluated by WVDEP, the United States Environmental Protection Agency (hereinafter "EPA") and a West Virginia trade association, the Municipal Water Quality Association, "many years ago." WVDEP's position, however, fails to account for the Supreme Court's March 2025 binding opinion wherein the Court succinctly confirmed that the inclusion of language such as that in § F.3.a of CSB's Permit is unlawful and contrary to the requirements of the CWA.

In *San Franciso*, the Court opined that "end-result" requirements are contrary to the requirements of the CWA. The Court described an end-result requirement as follows:

> [T]his case involves provisions that do not spell out what a permittee must do or refrain from doing; rather, they make a permittee responsible for the quality of the water in the body of waters into which the permittee discharges pollutants. When a permit contains such requirements, a permittee that punctiliously follows every specific requirement in its permit may nevertheless face crushing penalties if the quality of the receiving water falls below the applicable standards. For convenience, we will call such provisions "end-result" requirements.

*San Franciso,* 104 S. Ct. at 710. Thus, an end-result requirement is a requirement that a permittee achieve a desired result without providing the permittee with specific action/direction to achieve that result. Section F.3.a of CSB's renewed Permit meets this standard, as WVDEP has simply prohibited CSB from "caus[ing] or contribut[ing] to an in-stream excursion above any numeric or narrative criteria developed and adopted as part of the WV water quality standards." This prohibition fails to provide CSB any direction on how it must achieve compliance.

In *San Francisco*, the Court was faced with similar facts to those before this Board. The permittee is a combined wastewater system, and its permit contains two (2) end-result requirements, one of which mirrors the unlawful provision challenged here:

> For many years, the Oceanside facility's NPDES permit was renewed without controversy, but in 2019, the two end-result requirements that San Francisco now challenges were added. The first of these prohibits the facility from making any

> discharge that "contribute[s] to a violation of any applicable water quality standard" for receiving waters.

*Id.* at 713 (internal citations omitted). The Court held that such end-result requirements are not authorized under the CWA:

> In sum, we hold that § 1311(b)(1)(C) does not authorize the EPA to include "end-result" provisions in NPDES permits. Determining what steps a permittee must take to ensure that water quality standards are met is the EPA's responsibility, and Congress has given it the tools needed to make that determination. If the EPA does what the CWA demands, water quality will not suffer.

*Id.* at 720. In interpreting this holding, the Court further opined:

> We begin with the text of § 1311(b)(1)(C), which, as noted, requires a permit to contain, in addition to "effluent limitations," any more stringent *limitation*" that is "necessary to *meet*" certain "water quality standards" that are imposed under state law "or any other federal law or regulation"; and "any more stringent *limitation*" that is "required to *implement* any applicable water quality standard established pursuant to this chapter." (Emphasis added). All the italicized terms in the preceding sentence suggest that the most natural reading of § 1311(b)(1)(C) is that it authorizes the EPA to set rules that a permittee must follow in order to achieve a desired result, namely, a certain degree of water quality.
>
> We start with the term "limitation." As noted in the relevant context, a limitation is a "restriction or restraint imposed *from without* (as by law[])." A provision that tells a permittee that it must do certain specific things plainly qualifies as a limitation. Such a provision imposes a restriction "from without." But when a provision simply tells a permittee that a particular end result must be achieved and that it is up to the permittee to figure out what it should do, the direct source of restriction or restraint is the plan that the permittee imposes on itself for the purpose of avoiding future liability. In other words, the direct source of the restriction comes from within, not "from without."
>
> We do not dispute that the term "limitation" is sometimes used in a looser sense, but our ask is to ascertain what the term means in the specific context in question. And here, our interpretation of the meaning of the term "limitation" in § 1311(b)(1)(C) must take into account the way in which the term is used in the two preceding statutory subsections, §§ 1311(b)(1)(A) and (B). In both those provisions, the "limitations" are imposed directly by the EPA, and it is therefore natural to presume that the term has a similar meaning in § 1311(b)(1)(C). So, the use of the term "limitation" in §§ 1311(b)(1)(A) an (B) provides an opening clue that the EPA's interpretation of § 1311(b)(1)(C) may be wrong.

> The terms "implement" and "meet" point to the same direction. The implementation of an objective generally refers to the taking of actions that are designed "to give practical effect to and ensure of actual fulfillment by concrete measures." Section 1311(b)(1)(C) tells the EPA to impose requirements to "implement" water quality standards – that is, to "ensure" "by concrete measures" that they are "actual[ly] "fulfill[ed]." ***Simply telling a permittee to ensure that the end result is reached is not a "concrete plan" for achieving the desired result. Such a directive simply states the desired result; it does not implement that result.***
>
> Section 1311(b)(1)(C)'s other directive – that the EPA impose limitations that are "necessary to meet" certain water quality standards – is similar. The verb to "meet," in the sense operative here, means "to comply with; fulfill; satisfy" or "to come into conformity with." ***Thus, a limitation that is "necessary to meet" an objective is most naturally understood to mean a provision that sets out actions that must be taken to achieve the objective.***

*Id.* at 715-16 (internal citations omitted) (emphasis added). WVDEP's § F.3.a runs afoul of the Supreme Court's decision in *San Franciso,* as it impermissibly imposes an end-result requirement on CSB without providing CSB with "concrete measures" to fulfill compliance. WVDEP's position that this provision is appropriate because it was developed "many years ago" cannot stand in light of the Supreme Court's 2025 decision in *San Francisco.*

**2. WVDEP's end-result requirement exposes CSB to serious noncompliance and civil penalties and nullifies the CWA's permit shield.**

While § F.3.a of CSB's Permit is unlawful on its face and must be removed, the consequences of allowing this provision to remain in CSB's Permit are dire and expose CSB to potential liability that could result in significant civil penalties. Further, the inclusion of such end-result requirements completely nullifies the CWA's permit shield provisions, which serve as an invaluable protection to permittees such as CSB. The Court in *San Francisco* also directly addressed this concern within its March 2025 opinion, and a reiteration of that pertinent discussion by the Court is warranted here:

> The first is the so-called "permit shield" provision, 33 U.S.C. § 1342(k), under which a permittee is deemed to be in compliance with the CWA if it follows all the terms in its permit. This protection is very valuable because violations of the CWA,

> even if entirely inadvertent, are subject to hefty penalties. The CWA imposes a regime of strict liability, [ ] and a party that violates a permit term may be fined up to $25,000[2] per day per violation. As San Francisco explains, it may take months to gather the information necessary to detect a drop below the applicable water quality standards, [ ] and after substandard water quality is detected, it may take some time to devise and implement appropriate corrective measures. Indeed, there may be occasions [ ] when there is nothing a permittee can do to bring about a prompt correction. For these reasons, the potential civil penalties for noncompliance can mount up and reach enormous sums.
>
> Because of the harsh penalties for violating the terms of a permit, the permit shield is invaluable. Because of it, a discharger that complies with all permit conditions can rest assured that it will not be penalized. ***But the benefit of this provision would be eviscerated if the EPA could impose a permit provision making the permittee responsible for any drop in water quality below the accepted standard. A permittee could do everything required by all the other permit terms. It could devise a careful plan for protecting water quality, and it could diligently implement that plan. But if, in the end, the quality of the water in its receiving waters dropped below the applicable water quality levels, it would face dire potential consequences.***

*Id.* at 717 (emphasis added). As explained by the Court, CSB could take every direct action required of it in the Permit. It could develop and implement a plan to ensure the protection of water quality, but, at the end of the day, if its receiving stream drops below any given State water quality standard, it will be subject to severe penalties and enforcement despite its best efforts to comply with WVDEP's end-use requirement. This nullifies the CWA's permit shield, which further supports the Court's holding that such provisions are contrary to the terms of the CWA.

In its response to comments, WVDEP appears to attempt to assert that CSB is not subject to this unlawful permit provision due to the terms of Administrative Order No. 8260. ***Attachment C***, Response to Comment No. 8 at pg. 4 ("However, please note that Administrative Order 8260 affords relief from this requirement while the LTCP is being implemented."). While this provision is unlawful and must be removed regardless of WVDEP's position on current effectiveness, a

[2] While the CWA calls for a $25,000 per day per violation penalty for those who violates its terms, civil penalties under the CWA are subject to inflation, and as of January 8, 2025, civil penalties under the CWA are up to $68,445 per day per violation. *See* 40 C.F.R. Part 19 (Jan. 8, 2025).

review of Administrative Order 8260 also fails to note that CSB is not subject to this provision. Instead, this Order, attached hereto as ***Attachment D***, simply notes that CSB's compliance with § F.3 of the Permit is "uncertain" and requires CSB to develop and implement a long-term control plan, while further going on to directly note that this Order does not negate any other terms and conditions of CSB's Permit:

> 14. Because the City of Clarksburg's compliance with Section F.3[3] of WV/NPDES Permit No. WV0023302, issued on the 19th day of May 2015, is uncertain, this Order requires the City of Clarksburg to:

***Attachment D***, Findings of Fact ¶ 14, pg. 3. The Order then goes on to simply require CSB to implement its approved long-term control plan, and concludes with the following statement:

> Compliance with the terms and conditions of this ORDER shall not be construed to relieve the City of Clarksburg of the obligation to comply with the other terms and conditions of its WV/NPDES permit, or of any applicable Federal, State, or local law. Violation of this ORDER is a violation of the West Virginia State Code, Chapter 22, Article 11, and may result in further enforcement action as outlined in the Act.

***Attachment D***, Order for Compliance at pg. 4. Thus, nothing in Administrative Order 8260 relieves CSB from compliance with § F.3.a, and nothing within this Order prevents WVDEP from pursuing enforcement against CSB or a third-party from pursuing enforcement against CSB through a CWA citizen suit.

Section F.3.a of CSB's renewed Permit is unlawful and exposes CSB to potentially devastating enforcement actions.

### 3. Request for Relief

[3] Note that the Order only references CSB's potential uncertain compliance with § F.3 of its Permit, and does not specifically referencing the offending provision, § F.3.a, currently at issue here.

CSB respectfully requests that this Board ORDER WVDEP to remove § F.3.a from its renewed Permit to conform to the requirements of the Clean Water Act and West Virginia Water Pollution Control Act.

**WHEREFORE,** for the reasons set forth more fully above, the Clarksburg Sanitary Board respectfully requests that this Board Order the relief requested herein.

**Respectfully submitted,**

**Clarksburg Sanitary Board**

**By counsel:**



Marc C. Bryson (W. Va. Bar No. 10589)
Marissa G. Nortz (W. Va Bar No. 12742)
STEPTOE & JOHNSON PLLC
707 Virginia Street, East
Charleston, West Virginia 25301
Telephone: (304) 353-8000
Facsimile: (304) 353-8180

*Counsel for Appellant, Clarksburg Sanitary Board*

**WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD**
**CHARLESTON, WEST VIRGINIA**

**CLARKSBURG SANITARY BOARD**

**Appellant,**

**v.** **Appeal No.** 25-06-EQB

**DIRECTOR, DIVISION OF WATER AND WASTE MANAGEMENT, WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Appellee.**

## CERTIFICATE OF SERVICE

I, Marc C. Bryson, counsel for Appellant Clarksburg Sanitary Board, do hereby certify that I have filed the foregoing "Notice of Appeal" with the West Virginia Environmental Quality Board and have served true and exact copies of the same upon all counsel of record via electronic mail, U.S. Mail, postage prepaid, and hand-delivery, on this 28th day of May, 2025.

Kenna M. DeRaimo, Clerk
West Virginia Environmental Quality Board
601 57th Street SE
Charleston, WV 25304

Office of Legal Services
WV Department of Environmental Protection
601 57th Street SE
Charleston, WV 25304

Jeremy Bandy, Director
Division of Water and Waste Management
WV Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Marc C. Bryson (W. Va. Bar No. 10589)

west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone: 304-926-0495/Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
dep.wv.gov

March 26, 2025

Drew Eddy
Clarksburg Sanitary Board
222 West Main Street
Clarksburg, WV 26301

RE: WV/NPDES Permit Application
No. WV0023302, Harrison County

Dear Sir or Madam:

Your forms for WV/NPDES Individual Permit have been found to be complete.

For your information, the public notice period prescribed in Title 47, Series 10, Section 12.1.b of the West Virginia Legislative Rules issued pursuant to Chapter 22, Article 11 commences on the 28th day of March, 2025 in the ***Exponent Telegram.***

Within twenty (20) days after publication of the public notice, you are required to send to the Office a certificate of publication. This should be sent to:

Director, Division of Water and Waste Management, DEP
Permitting Section
601 57th Street, SE
Charleston, WV 25304-2345
Attention: Lori Devereux

Enclosed are copies of your draft permit, any required fact sheet and the public notice. If you have any questions, please do not hesitate to contact this office at 304-926-0495.

Sincerely,

Lori Devereux
NPDES Team

Enclosures

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**DIVISION OF WATER AND WASTE MANAGEMENT**

**PUBLIC NOTICE**

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S, PUBLIC INFORMATION OFFICE, 601 57TH STREET, CHARLESTON SE, WEST VIRGINIA 25304-2345 TELEPHONE: (304) 926-0440.**

**APPLICATION FOR A WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM WATER POLLUTION CONTROL PERMIT**

**Public Notice No.:** L-28-25 **Public Notice Date:** March 28, 2025

**Paper:** *Exponent Telegram*

The following has applied for a WV NPDES Water Pollution Control Permit for this facility or activity:

**Appl. No.:** WV0023302

**Applicant:** CLARKSBURG SANITARY BD
222 WEST MAIN ST
CLARKSBURG, WV 26301

**Location:** CLARKSBURG, HARRISON COUNTY

**Latitude:** 39:18:24 **Longitude:** 80:21:06

**Receiving Stream:**
WEST FORK RIVER

**Activity:**
To operate and maintain an existing combined wastewater collection system and an existing 8.0 million gallons per day wastewater treatment plant. Facilities are designed to serve a population equivalent of approximately 80,000 persons in the City of Clarksburg, the Town of Anmoore, the Town of Stonewood, the Town of Nutter Fort, the East View Public Service District, the Summit Park Public Service District, the Sun Valley Public Service District, and a portion of the Greater Harrison Public Service District, and discharge treated wastewater through Outlet No. 001 to the West Fork River, approximately 28.6 miles from its mouth of the Monongahela River. An antidegradation review has been conducted. Tier 1 protection is provided for the uses specified in Title 47, Series 2, Section 6 for Outlet No. 001. Also, to operate and maintain disposal systems, best management practices, and the nine (9) minimum controls for the direct discharge of sanitary wastewater and storm water from Combined Sewer Overflow (CSO) Outlet Nos. C002, C003, C004, C004B, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, C016, C018, C069, C073, C077, C078, C081, and C082 to the West Fork River of the Monongahela River; and Outlet No. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, C040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C067B, and C072 to Elk Creek of the West Fork River of the Monongahela River. These outlets are to discharge only when the hydraulic capacity of the collection system is exceeded during wet weather events. Tier 1 protection shall be afforded for the uses specified in 47 CSR 2 for the CSO outfalls through implementation of the facility's Long-term Control Plan. To implement a Publicly Owned Treatment Works Pretreatment Program. Furthermore, to incorporate the requirements relative to Title 33, Series 2 of the West Virginia Legislative Rules for the processing and disposal of sewage sludge generated by the wastewater treatment plant. Sewage sludge generated and/or processed at the permittee's facility shall be disposed of at a sanitary landfill by placing the sewage sludge in the landfill cell. To operate and maintain disposal systems and best management practices for the discharge of untreated storm water runoff at the wastewater treatment plant site through Outlet Nos. 085 - 089 to the West Fork River of the Monongahela River. Compliance with the antidegradation requirements is attained through the

implementation of Best Management Practices.

**Business conducted:**
Municipality

**Implementation:**
Compliance with the Combined Sewer Overflows requirements shall be attained in accordance with the provisions of Administrative Order No. 8260, issued the 19th day of May 2015, and any amendments, thereto.

On the basis of review of the application, the "Water Pollution Control Act (Chapter 22, Article 11-8(a))," and the "West Virginia Legislative Rules," the State of West Virginia will act on the above application.

Any interested person may submit written comments on the draft permit and may request a public hearing by addressing such to the Director of the Division of Water and Waste Management within 30 days of the date of the public notice. Such comments or requests should be addressed to:

Director, Division of Water and Waste Management, DEP
ATTN: Lori Devereux, Permitting Section
601 57th Street SE
Charleston, WV 25304-2345
lori.k.devereux@wv.gov

The public comment period begins March 28, 2025 and ends April 27, 2025.

Comments received within this period will be considered prior to acting on the permit application. Correspondence should include the name, address and the telephone number of the writer and a concise statement of the nature of the issues raised. The Director shall hold a public hearing whenever a finding is made, on the basis of requests, that there is a significant degree of public interest on issues relevant to the Draft Permit(s). Interested persons may contact the public information office to obtain further information.

The application, draft permit and any required fact sheet may be inspected, by appointment, at the Division of Water and Waste Management Public Information Office, at 601 57th Street SE, Charleston, WV 25304-2345, between 8:00 a.m. and 4:00 p.m. on business days.

# Re: WV0023302-Clarksburg Sanitary Board-Draft Permit

1 message

**Drew Eddy** <deddy@cityofclarksburgwv.com> Thu, Mar 27, 2025 at 8:30 AM
To: "Devereux, Lori K" <lori.k.devereux@wv.gov>
Cc: James McClain <james.mcclain@wv.gov>, Samuel P Huckins <samuel.p.huckins@wv.gov>

Received. Thank you.

Thank you,

Drew Eddy

Drew Eddy

Superintendent Clarksburg Wastewater Treatment Plant

Clarksburg, WV 26301

deddy@cityofclarksburgwv.com

(304)624-1627

---

**From:** Devereux, Lori K <lori.k.devereux@wv.gov>
**Sent:** Wednesday, March 26, 2025 10:19 AM
**To:** Drew Eddy <deddy@cityofclarksburgwv.com>
**Cc:** James McClain <james.mcclain@wv.gov>; Samuel P Huckins <samuel.p.huckins@wv.gov>
**Subject:** WV0023302-Clarksburg Sanitary Board-Draft Permit

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Mr. Eddy, please find attached your certified draft copy of your permit. If you could please reply back to this email to verify receipt, I would appreciate it. Thanks

--
Environmental Resource Associate
WV Department of Environmental Protection
Division of Water and Waste MGMT
601 57th Street SE
Charleston, WV 25304
Email: lori.k.devereux@wv.gov
Telephone: 304-926-0499 ext. 43863

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**DIVISION OF WATER AND WASTE MANAGEMENT**
**601 57TH STREET SE**
**CHARLESTON, WV 25304-2345**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WATER POLLUTION CONTROL PERMIT

**NPDES PERMIT NO.:** WV0023302
**SUBJECT:** Sewage

**ISSUE DATE:**
**EFFECTIVE DATE :**
**EXPIRATION DATE:**
**SUPERSEDES:** Permit No. WV0023302 dated May 29, 2020

| **LOCATION:** | CLARKSBURG | Harrison | West Fork River |
|---|---|---|---|
| | **(City)** | **(County)** | **(Drainage Basin)** |

**See the next page for a list of Outlets.**

**TO WHOM IT MAY CONCERN:**

**This is to certify that:** CLARKSBURG SANITARY BD
222 WEST MAIN ST
CLARKSBURG, WV 26301

**is hereby granted a West Virginia NPDES Water Pollution Control Permit to:**
operate and maintain an existing combined wastewater collection system and an existing 8.0 million gallons per day activated sludge wastewater treatment plant which are further described underneath.

A combined wastewater collection system comprised of approximately 230,500 linear feet of eight (8) inch diameter gravity sewer line, 28,600 linear feet of 10-inch diameter gravity sewer line, 59,100 linear feet of 12-inch diameter gravity sewer line, 12,100 linear feet of 15-inch diameter gravity sewer line, 260 linear feet of 16-inch diameter gravity sewer line, 7,900 linear feet of 18-inch diameter gravity sewer line, 26,100 linear feet of 24-inch diameter gravity sewer line, 4,100 linear feet of 30-inch diameter gravity sewer line, 21,300 linear feet of 36-inch diameter gravity sewer line, 8,300 linear feet of 48-inch diameter gravity sewer line, 55 manholes, five (5) lift stations, 4,100 linear feet of 30 inch diameter force main with necessary cleanouts, and all requisite appurtenances.

A wastewater treatment plant comprised of two (2) mechanical bar screens, a fine bar screen, a vortex grit removal chamber and classifier, three (3) primary clarifiers with a volume of approximately 224,000 gallons each, six (6) aeration basins with a volume of 205,000 gallons each, three (3) secondary clarifiers with a volume of 290,000 gallons each, three (3) chlorine contact chambers with a volume of 76,400 gallons each, dechlorination facilities, a gravity sludge thickener with a volume of 173,000 gallons, a two (2) meter sludge dewatering belt press, a septage receiving station, and all requisite appurtenances.

These facilities are designed to serve a population equivalent of approximately 80,000 persons in the City of Clarksburg, and environs, the Town of Anmoore, the Town of Stonewood, the Town of Nutter Fort, the East View Public Service District, the Summit Park Public Service District, the Sun Valley Public Service District, and a portion of the Greater Harrison County Public Service District, and discharge treated wastewater through Outlet No. 001 to the West Fork River, approximately 28.6 miles from its mouth of the Monongahela River.

To operate and maintain disposal systems, best management practices, and the nine (9) minimum controls for the direct discharge of sanitary wastewater and storm water from Combined Sewer Overflow (CSO) Outlet Nos. C002, C003, C004, C004B, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, C016, C018, C069, C073, C077, C078, C081, and C082 to the West Fork River of the Monongahela River; Outlet No. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, C040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C067B, and C072 to Elk Creek of the West Fork River of the Monongahela River. These CSO outlets are permitted to discharge only when the hydraulic capacity of the collection and/or treatment system is exceeded during wet weather events.

To operate and maintain disposal systems and best management practices for the discharge of untreated storm water runoff through Outlets 085 - 089 to the West Fork River of the Monongahela River.

To implement a Publicly Owned Treatment Works (POTW) Pretreatment Program.

**This permit is subject to the following terms and conditions :**
The information submitted on and with Permit Application No. WV0023302 dated the 30th day of October 2024 is hereby made terms and conditions of this permit with like effect as if all such permit application information was set forth, herein, and with other conditions set forth in Sections A, B, C, D, E, F, and Appendix A.

**The validity of this permit is contingent upon the payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.**

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| 001 | 39°18'24" | 80°21'06" | WEST FORK RV | 28.6 | N/A |
| 085 | 39°18'16" | 80°21'01" | WEST FORK RV | 28.76 | N/A |
| 086 | 39°18'15" | 80°21'02" | WEST FORK RV | 28.8 | N/A |
| 087 | 39°18'11" | 80°21'04" | WEST FORK RV | 28.88 | N/A |
| 088 | 39°18'09" | 80°21'06" | WEST FORK RV | 28.94 | N/A |
| 089 | 39°18'08" | 80°21'07" | WEST FORK RV | 28.99 | N/A |
| C002 | 39°18'06" | 80°21'08" | WEST FORK RV -- No Monitoring Required | 29.05 | N/A |
| C003 | 39°17'59" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 29.2 | N/A |
| C004 | 39°17'30" | 80°21'14" | WEST FORK RV -- No Monitoring Required | 30.12 | N/A |
| C004B | 39°17'18" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 30.44 | N/A |
| C005 | 39°17'01" | 80°21'28" | WEST FORK RV -- No Monitoring Required | 30.97 | N/A |
| C006 | 39°16'58" | 80°21'25" | WEST FORK RV -- No Monitoring Required | 31.04 | N/A |
| C007 | 39°16'53" | 80°21'24" | WEST FORK RV -- No Monitoring Required | 31.16 | N/A |
| C008 | 39°16'13" | 80°21'22" | WEST FORK RV -- No Monitoring Required | 32.71 | N/A |
| C009 | 39°16'51" | 80°21'11" | WEST FORK RV -- No Monitoring Required | 31.38 | N/A |
| C010 | 39°16'18" | 80°21'19" | WEST FORK RV -- No Monitoring Required | 32.58 | N/A |
| C011 | 39°16'51" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 31.41 | N/A |
| C012 | 39°16'33" | 80°21'23" | WEST FORK RV -- No Monitoring Required | 32.21 | N/A |
| C013 | 39°16'38" | 80°21'06" | WEST FORK RV -- No Monitoring Required | 31.96 | N/A |
| C014 | 39°16'41" | 80°21'05" | WEST FORK RV -- No Monitoring Required | 31.88 | N/A |
| C015 | 39°16'50" | 80°20'57" | WEST FORK RV -- No Monitoring Required | 31.7 | N/A |
| C016 | 39°16'42" | 80°21'00" | WEST FORK RV -- No Monitoring Required | 31.8 | N/A |
| C017 | 39°17'12" | 80°20'36" | ELK CK -- No Monitoring Required | 2.8 | N/A |
| C018 | 39°16'47" | 80°20'58" | WEST FORK RV -- No Monitoring Required | 31.7 | N/A |
| C019 | 39°17'00" | 80°20'30" | ELK CK -- No Monitoring Required | 1.14 | N/A |
| C020 | 39°16'55" | 80°21'06" | ELK CK -- No Monitoring Required | 0.02 | N/A |
| C021 | 39°16'59" | 80°20'27" | ELK CK -- No Monitoring Required | 1.2 | N/A |
| C022 | 39°17'04" | 80°21'08" | ELK CK -- No Monitoring Required | 0.33 | N/A |
| C023 | 39°16'58" | 80°20'25" | ELK CK -- No Monitoring Required | 1.24 | N/A |

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| C025 | 39°16'56" | 80°20'21" | ELK CK -- No Monitoring Required | 1.3 | N/A |
| C027 | 39°16'55" | 80°20'17" | ELK CK -- No Monitoring Required | 1.36 | N/A |
| C028 | 39°17'05" | 80°21'06" | ELK CK -- No Monitoring Required | 0.55 | N/A |
| C030 | 39°17'09" | 80°20'33" | ELK CK -- No Monitoring Required | 0.92 | N/A |
| C033 | 39°16'55" | 80°20'04" | ELK CK -- No Monitoring Required | 1.6 | N/A |
| C034 | 39°16'50" | 80°20'04" | ELK CK -- No Monitoring Required | 1.69 | N/A |
| C036 | 39°16'43" | 80°20'05" | ELK CK -- No Monitoring Required | 1.84 | N/A |
| C038 | 39°16'40" | 80°20'05" | ELK CK -- No Monitoring Required | 1.89 | N/A |
| C040 | 39°16'33" | 80°20'06" | ELK CK -- No Monitoring Required | 2.02 | N/A |
| C042 | 39°16'28" | 80°20'10" | ELK CK -- No Monitoring Required | 2.14 | N/A |
| C044 | 39°16'19" | 80°20'04" | ELK CK -- No Monitoring Required | 2.48 | N/A |
| C045 | 39°16'43" | 80°20'06" | ELK CK -- No Monitoring Required | 1.83 | N/A |
| C046 | 39°16'20" | 80°20'04" | ELK CK -- No Monitoring Required | 2.5 | N/A |
| C047 | 39°16'40" | 80°20'06" | ELK CK -- No Monitoring Required | 1.89 | N/A |
| C049 | 39°16'38" | 80°20'06" | ELK CK -- No Monitoring Required | 1.93 | N/A |
| C050 | 39°16'21" | 80°20'03" | ELK CK -- No Monitoring Required | 2.52 | N/A |
| C051 | 39°16'36" | 80°20'06" | ELK CK -- No Monitoring Required | 1.97 | N/A |
| C052 | 39°16'25" | 80°20'00" | ELK CK -- No Monitoring Required | 2.61 | N/A |
| C053 | 39°16'26" | 80°20'12" | ELK CK -- No Monitoring Required | 2.18 | N/A |
| C057 | 39°16'34" | 80°19'44" | ELK CK -- No Monitoring Required | 2.92 | N/A |
| C060 | 39°16'29" | 80°19'50" | ELK CK -- No Monitoring Required | 2.78 | N/A |
| C062 | 39°16'33" | 80°19'44" | ELK CK -- No Monitoring Required | 2.9 | N/A |
| C064 | 39°16'33" | 80°19'29" | ELK CK -- No Monitoring Required | 3.26 | N/A |
| C065 | 39°16'05" | 80°19'30" | ELK CK -- No Monitoring Required | 4.61 | N/A |
| C067B | 39°16'02" | 80°19'17" | ELK CK -- No Monitoring Required | 4.82 | N/A |
| C069 | 39°16'20" | 80°21'16" | WEST FORK RV -- No Monitoring Required | 32.53 | N/A |
| C072 | 39°16'16" | 80°19'19" | ELK CK -- No Monitoring Required | 4.25 | N/A |
| C073 | 39°16'14" | 80°21'20" | WEST FORK RV -- No Monitoring Required | 32.65 | N/A |
| C077 | 39°16'53" | 80°21'09" | WEST FORK RV -- No Monitoring Required | 31.45 | N/A |

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| C078 | 39°16'32" | 80°21'04" | WEST FORK RV -- No Monitoring Required | 32.07 | N/A |
| C081 | 39°17'42" | 80°21'30" | WEST FORK RV -- No Monitoring Required | 29.75 | N/A |
| C082 | 39°17'12" | 80°21'20" | WEST FORK RV -- No Monitoring Required | 30.69 | N/A |
| S01 | 39°18'24" | 80°21'06" | N/A | N/A | N/A |

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | Rpt Only Minimum | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | Continuous | measured |
| 00310 - (BOD, 5-Day 20 Deg.C) (Summer May 1-Oct 31) (ML-B) (RF-A) | 2002 Avg. Monthly | 4003 Max. Daily | Lbs/Day | N/A | 20 Avg. Monthly | 40 Max. Daily | mg/l | 1/week | 24 hr Composite |
| | Refer to Section C.28. | | | | | | | | |
| 00310 - (BOD, 5-Day 20 Deg.C) (Winter Nov 1-Apr 30) (ML-B) (RF-A) | 3002 Avg. Monthly | 6005 Max. Daily | Lbs/Day | N/A | 30 Avg. Monthly | 60 Max. Daily | mg/l | 1/week | 24 hr Composite |
| | Refer to Section C.28. | | | | | | | | |
| 00530 - (Total Suspended Solids) (Year Round) (ML-A) (RF-A) | 3002 Avg. Monthly | 6005 Max. Daily | Lbs/Day | N/A | 30 Avg. Monthly | 60 Max. Daily | mg/l | 1/week | 24 hr Composite |
| 51012 - (BOD,5-day % Rem,dry weath (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 85 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51013 - (BOD,5-day %Rem,wet weathe (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 75 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51014 - (Solids,Susp.% Rem,dry weatl (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 85 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51015 - (Solids,Susp.% Rem,wet weatl (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 75 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 74055 - (Coliform, Fecal)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | N/A | 200<br>Mon. Geo. Mean | 400<br>Max. Daily | Cnts/100ml | 2/month | Grab |
| 00400 - (pH)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | 6<br>Inst. Min. | N/A | 9<br>Inst. Max. | S.U. | 1/week | Grab |
| 00300 - (Dissolved Oxygen)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | 7<br>Inst. Min. | N/A | N/A | mg/l | 2/week | Grab |
| 00610 - (Ammonia Nitrogen)<br>(Summer May 1-Oct 31) (ML-A) (RF-A) | 550<br>Avg. Monthly | 1101<br>Max. Daily | Lbs/Day | N/A | 5.5<br>Avg. Monthly | 11<br>Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00610 - (Ammonia Nitrogen)<br>(Winter Nov 1-Apr 30) (ML-A) (RF-A) | 1101<br>Avg. Monthly | 2202<br>Max. Daily | Lbs/Day | N/A | 11<br>Avg. Monthly | 22<br>Max. Daily | mg/l | 1/week | 24 hr Composite |
| 50060 - (Chlorine, Total Residual)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | N/A | 0.028<br>Avg. Monthly | 0.057<br>Max. Daily | mg/l | 1/week | Grab |
| 01119 - (Copper, Total Recoverable)<br>(Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01114 - (Lead, Total Recoverable)<br>(Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | 24 hr Composite |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01002 - (Arsenic, Total (as As)) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01113 - (Cadmium, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01032 - (Chromium, Hexavalent) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 00718 - (Cyanide, Weak Acid Dissocial (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/6 months | Grab |
| 01074 - (Nickel, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01079 - (Silver, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00951 - (Fluoride, Total) | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/month | 24 hr Composite |
| (Year Round) (ML-A) (RF-A) | | | | | Avg. Monthly | Max. Daily | | | |
| Interim (Initial 24 months) | | | | | | | | | |
| 00951 - (Fluoride, Total) | N/A | N/A | N/A | N/A | 1.4 | 2.6 | mg/l | 1/month | 24 hr Composite |
| (Year Round) (ML-A) (RF-A) | | | | | Avg. Monthly | Max. Daily | | | |
| Final (Remaining duration) | | | | | | | | | |
| 61426 - (Chronic Tox-Ceriodaphnia Du | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | TUc | 1/year | 24 hr Composite |
| (Year Round) (ML-B) (RF-D) | | | | | Avg. Monthly | Max. Daily | | | |
| 61428 - (Chronic Toxicity - Pimephales | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | TUc | 1/year | 24 hr Composite |
| (Year Round) (ML-B) (RF-D) | | | | | Avg. Monthly | Max. Daily | | | |
| 38693 - (Bromodichloromethane) | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | ug/l | 1/quarter | Grab |
| (Year Round) (ML-A) (RF-B) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.085 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 085 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.085 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 085 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTI | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.086 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 086 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.086 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 086 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.087 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 087 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.087 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 087 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.088 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 088 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.088 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 088 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | Other Units | | Units | | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.089 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 089 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.089 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning permit effective date and lasting through midnight permit expiration date the permittee is authorized to discharge from Outlet Number(s) 089 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTI | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning /begin_date/ and lasting through midnight /end_date/ the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Quantity | | Units | Limitations | Other Units | | Units | Monitoring Requirements: Measurement Frequency | Monitoring Requirements: Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 00400 - (pH)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | Rpt Only<br>Minimum | N/A | Rpt Only<br>Maximum | S.U. | 1/quarter | Grab |
| 61521 - (Arsenic, Sludge Tot. Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78476 - (Cadmium,Sludge,Tot Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78473 - (Chromium, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78475 - (Copper,Sludge,Tot,Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78468 - (Lead, Dry. Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78471 - (Mercury, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78465 - (Molybdenum,Dry Wgt)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning /begin_date/ and lasting through midnight /end_date/ the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Quantity | | Units | Limitations | Other Units | | Units | Monitoring Requirements: Measurement Frequency | Monitoring Requirements: Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 78469 - (Nickel, Dry Wt.) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 49031 - (Selenium,Sludge,Tot. Dry Wt. (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78467 - (Zinc, Dry Wt.) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 00916 - (Calcium, Total (as Ca)) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 61553 - (Solids, Total Sludge Percent) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | Rpt Only Minimum | Rpt Only Avg. | Rpt Only Maximum | Percent | 1/quarter | 1 Week Comp |
| 78472 - (Potassium, Sludge Tot. Dry W (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78478 - (Phosphorus,Sludge,Tot,Dry W (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 82294 - (Nitrogen, Ammonia Tot. DW) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning /begin_date/ and lasting through midnight /end_date/ the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Quantity | | Units | Limitations | Other Units | | Units | Monitoring Requirements: Measurement Frequency | Monitoring Requirements: Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 78470 - (Nitrogen, Sludge Tot. Dry Wt) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 51020 - (Organic Nitrogen) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 00927 - (Magnesium,Tot (as Mg)) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

## B. SCHEDULE OF COMPLIANCE

1. **The permitee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :**

| | |
|---|---|
| 03 months after Issuance: | The permittee shall submit a plan of action outlining measures to be taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| 06 months after Issuance: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| 09 months after Issuance: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| 12 months after Issuance: | The permittee shall have completed any designs and/or studies necessary to comply with the final effluent limitations for fluoride at Outlet 001. The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| 15 months after Issuance: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| 18 months after Issuance: | The permittee shall begin any necessary construction of upgrades or system modifications to achieve compliance with the final effluent limitations for fluoride at Outlet 001. The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| 21 months after Issuance: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| 24 months after Issuance: | The permittee shall complete any necessary construction/upgrades and achieve compliance with the final effluent limitations for fluoride at Outlet 001. |

2. **Reports of compliance or non-compliance with, and progress reports on interim and final requirements contained in the above compliance schedule, if any, shall be postmarked no later than 14 days following each schedule date.**

## Section C - Other Requirements

1. The herein-described treatment works, structures, electrical and mechanical equipment shall be adequately protected from physical damage by the maximum expected one hundred (100) year flood level, and operability shall be maintained during the twenty-five (25) year flood level.
2. The entire sewage treatment facility shall be adequately protected by fencing.
3. The proper operation and maintenance of the listed sewage treatment facility shall be performed, or supervised, by a certified operator possessing at least a Class IV certificate for Wastewater System Operators, as issued by the State of West Virginia. The on-site attendance of this facility's Class IV operator shall be determined, and directed, by the Bureau for Public Health, Office of Environmental Health Services.
4. The arithmetic mean of values for effluent samples collected in a period of seven (7) consecutive days shall not exceed 45.0 mg/l for five (5) day Biochemical Oxygen Demand (BOD5), winter limitation, and Total Suspended Solids (TSS). Furthermore, the permittee may submit mitigating factors as an attachment to its Discharge Monitoring Report (DMR) related to an excursion of this requirement. The Director may choose to take those mitigating factors into consideration in determining whether enforcement action is required.
5. The permittee shall submit monthly according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration and/or quantities the values of the constituents listed in Section A analytically determined to be in the plant effluent(s). Additional information pertaining to effluent monitoring and reporting can be found in Appendix A, Part III.
6. The required DMRs shall be received by the agency no later than 25 days following the end of the reporting period in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

```
Director                                    U. S. Environmental Protection Agency
Division of Water and Waste Management      Region III, Water Protection Division
601 57th Street, SE                         NPDES Enforcement Branch (3WP42)
Charleston, West Virginia  25304            1650 Arch Street
Attn: Permitting Program                    Philadelphia, PA  19103

Department of Environmental Protection
Environmental Enforcement
1000 Technology Drive, Suite 3220
Fairmont, West Virginia 26554
```

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
7. For any noncompliance reports required to be submitted in writing by Appendix A, Part IV of this Permit, a copy of said report shall also be forwarded to the Environmental Protection Agency (EPA) at the address specified in Section C.6.b of this permit.
8. The permittee shall not use alternate DMRs without prior approval from this agency.
9. In conjunction with all other reporting requirements of this permit, copies of all future correspondence regarding this permit will be forwarded to the Environmental Inspector and Environmental Inspector Supervisor at the following address:

```
Department of Environmental Protection
Environmental Enforcement
1000 Technology Drive, Suite 3220
Fairmont, West Virginia 26554
```

## Section C - Other Requirements

10. The average daily design flow of the Publicly Owned Treatment Works (POTW) has been established at 8.0 million gallons per day (MGD). When the average monthly effluent flow reported on Discharge Monitoring Reports reaches, or exceeds, 90 percent of the established average design flow (7.2 MGD) during three (3) consecutive monthly periods, the permittee shall submit a Plan of Action to the Director. The Plan of Action shall present, at a minimum, an analysis of current hydraulic and organic loadings on the plant, an analysis of the future projected loadings, and a Schedule of Tasks to accomplish procedures necessary to maintain required treatment levels.

    Should the permittee experience and report average monthly flows at or greater than 7.2 MGD during three (3) consecutive monthly periods, but can demonstrate that these monthly average flows resulted from the maximization of wet weather flow through the POTW in accordance with the Combined Sewer Overflow requirements of this permit, then submission of the following information shall satisfy the requirement in Section C.10 above for the submission of a Plan of Action:

    a. During the period, compliance with applicable BOD5, TSS, and Fecal Coliform effluent limitations was maintained.

    b. Average monthly dry weather flows experienced at the POTW over the period are less than 7.2 MGD.

    c. The permittee is compliant with the Combined Sewer Overflow requirements of this permit, and that continued operation in accordance with said requirements will ensure the maintenance of required treatment levels.

11. Should any future collection system extensions be projected to cause an increase in the wastewater flow to the POTW that is equal to or greater than 400,000 gallons per day (5% of average monthly design flow), then the permittee shall immediately contact the Director to secure approval of said extension. After consideration of the complexity of the projected extension and the available treatment capacity of the POTW, the Director may require the permittee to seek approval of said extension through a modification of the permit.

12. All monitoring shall be conducted in accordance with sample collection, preservation, and analytical procedures specified in 40 CFR Part 136. The analytical test procedures, set forth in 40 CFR Part 136, prescribe colorimetric methods for certain parameters. The digestion process for the performance of total recoverable is not sufficient for the utilization of a colorimetric procedure. Therefore, colorimetric procedures shall not be acceptable for the analysis of parameters prescribed as total recoverable.

13. Effluent monitoring for the following pollutants shall be conducted using the most sensitive methods and detection levels commercially available and economically feasible. The following methods are to be used unless the permittee desires to use an EPA Approved Test Method with a listed lower method detection level (MDL). Regardless, it is recognized that detection levels can vary from analysis to analysis and that non-detect results at a different MDL for the specified test method would not constitute a permit violation.

| Parameter | EPA Method No. | Method Detection Level (ug/l) |
|---|---|---|
| Copper, Total Recoverable | 200.8 | 0.5 |
| Lead, Total Recoverable | 200.8 | 0.6 |
| Zinc, Total Recoverable | 200.8 | 1.8 |
| Chromium, Dissolved Hexavalent | 218.6 | 0.6 |
| Arsenic, Total | 200.8 | 1.4 |
| Nickel, Total Recoverable | 200.8 | 0.5 |
| Cadmium, Total Recoverable | 200.8 | 0.5 |
| Silver, Total Recoverable | 200.8 | 0.1 |
| Mercury, Total* | 245.7 | 0.0018 |
| Mercury, Total* | 1631 | 0.0002 |
| Cyanide, Free | Refer to Section C.14 | |

*The permittee may use either Method 245.7 or Method 1631 for the analysis of mercury.

14. For the measurement of Free Cyanide, the permittee shall use the standard method for weak acid dissociable cyanide, as specified in the latest edition of Standard Methods.

## Section C - Other Requirements

15. The Division recognizes that the permittee may not be able to achieve established MDLs due to matrix interferences. The Division also believes that it is important to distinguish between instances when the MDLs are not achieved due to poor laboratory technique and when, in fact, matrix interferences do occur. Therefore, if the permittee believes that it cannot achieve an MDL sensitive enough to confirm compliance, then the permittee may pursue the development of a lab-specific MDL in accordance with procedures outlined and specified in Appendix B of 40 CFR Part 136. Should it be determined that there are matrix interferences which preclude the permittee's certified laboratory from achieving the published MDL, the permit may be reopened and the MDL can be modified accordingly.

16. In incidences where a specific test method is not defined, the permittee shall utilize an EPA approved method with a MDL sensitive enough to confirm compliance with the permit effluent limit for that parameter. If a MDL is not sensitive enough to confirm compliance, the most sensitive approved method must be used. If a more sensitive EPA approved method becomes available, that method shall be used. Should the current and/or new method not be sensitive enough to confirm compliance with the permitted effluent limit, analytical results reported as "not detected" at the MDL of the most sensitive method available will be deemed compliant for purposes of permit compliance.

17. Any "not detected (ND)" sampling result obtained by the permittee must be "ND" at the method detection limit (MDL) for the test method used for that parameter and shall be reported on the DMR as less than the MDL used (<MDL). The permittee shall not report a sampling result as Zero or "ND" or report the result as less than a minumum level (ML), reporting limit (RL), or practical quantitation limit (PQL).

    When averaging values of analytical results for DMR reporting purposes for monthly averages, the permittee should use actual analytical results when these results are greater than or equal to the MDL and should use zero (0) when these results are less than the MDL. If all analytical results are non-detect at the MDL (<MDL), then the permittee should use the actual MDL in the calculation for averaging and report the result as less than the average calculation.

18. Over the term of this permit, the permittee is allowed up to one (1) excursion of the maximum daily fecal coliform effluent limitation prescribed in Section A.001. The number of allowed excursions is based upon one (1) percent of the number of required self-monitoring events. Utilization of the excursion allowance is conditioned as follows:

    a. Excursion allowances are afforded only to self-monitoring results and only when self-monitoring activities assess compliance with the maximum daily effluent limitation by analysis of an individual grab sample. No excursion allowance can be applied to analytical results obtained by representatives of the Director in the performance of their compliance assessment activities. Additionally, representatives of the Director may assess compliance with the maximum daily effluent limitation by collection and analysis of an individual grab sample.

    b The excursion allowance is contingent upon the permittee's prompt return to compliance as evidenced by the next required fecal coliform self-monitoring event.

    c. The result for which an excursion allowance is claimed shall be included in the calculation of the average monthly effluent value.

    d. Should an excursion allowance be utilized by the permittee, said allowance shall be reported as an attachment to the Discharge Monitoring Report. This attachment should state that (1) an excursion allowance was taken in accordance with the requirements outlined above, (2) the total number of allowances taken to date during the term of this permit, and (3) the total number of allowances remaining during the term of this permit. The permittee shall maintain an on-site record of the excursion allowances utilized during the term of the permit.

19. The permittee shall be required to test the sewage treatment plant's influent in order to calculate the percent (%) removal parameters for BOD5 and TSS contained in Section A.001 of this permit. Influent sampling requirements include:

    a. Percent removal shall be defined as a percentage expression of the removal efficiency across the wastewater treatment plant for a given pollutant parameter, as determined from the thirty day average values of the influent concentrations to the facility and the thirty day average effluent pollutant concentrations. Only influent and effluent samples taken concurrently as specified below shall be used for reporting.

## Section C - Other Requirements

19. b. Influent BOD5 and TSS samples shall be collected using the permittee's established sampling schedule at least four (4) times per month for the wastewater treatment facility. The permittee should not vary from their established sampling schedule, however, they should attempt to collect at least two (2) wet weather-influent samples per month and two (2) dry weather-influent samples per month. Additionally, the Division recognizes that meteorological conditions during any specific week, or any specific month, may prevent the collection of dry weather or wet weather samples during the established sampling schedule at the recommended frequencies. If the permittee does not discharge during wet-weather conditions, the permittee should indicate "No wet weather discharge" on the Discharge Monitoring Report for that reporting period.

    c. The permittee shall collect representative BOD5 and TSS influent samples using their established sampling procedures over a 24 hour period.

    d. Influent BOD5 and TSS sampling shall be performed over the same 24 hour time period as the effluent BOD5 and TSS sampling.

    e. Wet weather shall be defined for this specific requirement as a day in which the total measured volume of wastewater through the wastewater plant at Outlet No. 001 exceeds 8.0 MGD.

20. Total Residual Chlorine (TRC) self-monitoring and compliance evaluations shall be performed as follows:

    a. The permittee shall use EPA-approved (or accepted) analytical methods that are sensitive enough to determine compliance with calculated permit effluent limitations. Examples of acceptable methods that meet the method detection limit (MDL) requirements are:
    HACH ULR Chlorine Residual DPD Colormetric Method 10014 (Published MDL of 2 ug/l)
    HACH Chlorine Amperometric Back Titration Method 10025 (Published MDL of 6 ug/l).

    b. The calculated permit effluent limitations for TRC in most current circumstances are not quantifiable using EPA approved (or accepted) analytical methods. An interim minimum level (IML) is calculated when a method-specified minimum level does not exist. The IML is approximately equal to 3.18 times the lab-specified MDL. Based upon current knowledge and technology, the Division has determined that an interim minimum level of 100 ug/l shall be used as the compliance evaluation level for TRC.

    c. Matrix interference precludes most of the State's certified WWTP laboratories from achieving the published MDL as specified and also precludes the Division from determining compliance with the calculated permit effluent limitations for TRC. Based upon data collected concerning lab-specific MDLs by the Division from a number of the State's certified WWTP laboratories, it has been determined that a WV-specified reporting level for TRC should be established at 32 ug/l.

    d. When actual analytical results are greater than or equal to 32 ug/l, the permittee shall report these actual analytical results on the Discharge Monitoring Report (DMR). The permittee shall report "less than (<) 32 ug/l" on the DMR when results are less than the WV-specified MDL.

    e. When calculating averages of analytical result values, the permittee shall use the actual analytical result when these results are greater than or equal to 32 ug/l. Additionally, when calculating averages of analytical result values, the permittee shall use zero (0) when the actual analytical result obtained is less than 32 ug/l.

21. The permittee shall annually (1/year) perform chronic toxicity tests as described below, on the effluent from Outlet No. 001:

    a. Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. 24-hour flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing. An appropriate statistical test shall be used to determine whether differences in control and effluent data are significant.

        1) The permittee shall conduct a three (3) brood (6-8 days) Ceriodaphnia Dubia survival and reproduction toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confident level in survival or reproduction between Ceriodaphnia Dubia exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20 percent of the test organisms die, or less than 60 percent of surviving females in controls produced their third brood, that test shall be repeated.

## Section C - Other Requirements

21. a. 2) The permittee shall conduct a seven (7) day Pimephales Promelas fathead minnow larval survival and growth toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confidence level in survival or growth between fathead minnows exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20 percent of the test organisms die, or average dry weight of surviving controls was less than 0.25 mg/l that test shall be repeated.

b. Results shall be reported in terms of chronic toxic units (TUc) and shall be submitted with the corresponding monthly Discharge Monitoring Report (DMR).

TUc= 100/NOEC or NOEL
Where NOEC (or NOEL) is No Observed Effect Concentration (or Level), which is expressed as percent (volume) effluent in dilution water.
For Example, if NOEC is 10%, TUc= 100/10=10

When the effluent demonstrates no toxicity at 100% effluent (no observed effect), the permittee may report zero TUc.

c. The monitoring required, herein, shall be conducted in accordance with the sample collection, preservation, and analytical procedures specified in 40 CFR Part 136.

d. In addition to the monitoring data reporting requirements of 40 CFR Part 136, the exact age of the test organisms at the initiation of the test shall be reported. Values of less than or equal to 24 hours are acceptable for Pimephales Promelas, fathead minnow. The range of the Ceriodaphnia Dubia used must be reported as a range in hours. All Ceriodaphnia Dubia used in the test must be less than 24 hours of age at test commencement. The age difference between the youngest and oldest Ceriodaphnia Dubia used in the test must not exceed eight (8) hours.

e. There shall be a minimum of three (3) months between required sampling events.

f. If chronic effluent toxicity testing exceeds levels of 4.1 TUc, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial demonstration of the exceedance. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.

g. If the second test does not show an exceedance, chronic effluent toxicity testing shall continue in accordance with the requirements, as prescribed herein. However, if the second test shows an exceedance, the Director shall impose further requirements, as may be necessary.

h. The Director may impose further requirements should the chronic effluent toxicity testing results demonstrate an irregular pattern of exceedances.

22. The permittee may accept sewage sludge, grease trap waste, and/or domestic septage into its wastewater treatment facility for subsequent treatment and disposal. Approval is subject to, and contingent upon, compliance with the following terms and conditions:

a. The septage hauler(s), from which the permittee accepts sewage sludge and/or domestic septage, shall be registered to operate under the General Permit for sewage sludge and/or septage handling and disposal. The permittee should obtain and maintain a copy of the septage hauler(s) general permit registration(s) as part of its recordkeeping.

c. The permittee shall report monthly on the enclosed Sewage Sludge Management Report the amount of sewage sludge and/or domestic septage accepted.

d. The permittee shall assure that the acceptance and processing of any sewage sludge, grease trap waste, and/or domestic septage does not result in effluent discharge limitation violations, or adversely impact sludge disposal.

e. The permittee shall coordinate the acceptance of sewage sludge, grease trap waste, and/or domestic septage during wet weather flow periods, with the implementation of the maximization of the facilities.

## Section C - Other Requirements

22. f. Approval of the permittee's acceptance of sewage sludge, grease trap waste, and/or domestic septage in no way relieves the permittee of its obligation to comply with all terms and conditions of its WV/NPDES Water Pollution Control Permit and shall not constitute an affirmative defense in any enforcement action brought against the permittee.

23. Unless otherwise authorized under Section A or Section F of this permit, any discharge from any point other than a permitted treatment system outfall or a permitted combined sewer system outfall is expressly prohibited. In the event there is a prohibited discharge from a sewer conveyance system, the permittee shall follow the reporting requirements contained in Appendix A, Part IV, Section 2.

24. The permittee shall implement and maintain the storm water pollution prevention plan (SWPPP) for the site. The SWPPP shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with the industrial activity. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with the industrial activity at the facility and to assure compliance with the terms and conditions of this permit. A copy of the plan shall be retained at the site for review upon request.

25. The following storm water requirements apply to Outlets 085-089:

    a. Samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Samples shall be taken during the first thirty (30) minutes, or as soon thereafter as practicable, of the storm event.

    b. Each outlet shall be monitored separately.

| Pollutant | Benchmark Value |
|---|---|
| Biological Oxygen Demand | 30.0 mg/l |
| Chemical Oxygen Demand | 120.0 mg/l |
| Total Suspended Solids | 100.0 mg/l |
| Ammonia Nitrogen | 4.0 mg/l |
| Iron, Total Recoverable | 1.5 mg/l |
| pH | 6.0 - 9.0 SU |
| Oil & Grease | 15.0 mg/l |

    c. When the concentration results from a minimum of four (4) consecutive samples of a pollutant are all less than the corresponding benchmark value for the pollutant, additional monitoring for the pollutant is not required (all pH values of the samples must be within the range 6.0 to 9.0 S.U.). The facility shall submit, each year, to the Division of Water and Waste Management, in lieu of the monitoring data, a certification (form will be provided upon request) that there has not been a significant change in the industrial activity or the pollution prevention measures in the area of the facility that drains to the outlet for which sampling is to be waived. If the concentration of a pollutant exceeds the corresponding benchmark concentration or a pH value is not within the range of 6.0 to 9.0 S.U., monitoring shall be continued and storm water pollution prevention practices shall be revised and implemented. A letter stating the revised and implemented storm water pollution prevention practices shall be submitted to the Division of Water and Waste Management at the address listed in Section C.6.b. The benchmark and monitoring waiver aproach described above does not apply to pollutants with effluent limitations imposed in Section A of this permit.

26. If there is evidence indicating potential or realized impacts on water quality due to any stormwater discharge associated with the wastewater treatment facility covered by this permit, the permit may be promptly modified and/or reissued to include effluent limitations and/or other requirements to control such storm water discharges.

27. The permittee shall be required to sample the discharge from Outlet No. 001 for the pollutants listed in Appendix J, Table 2 of 40 CFR 122 as part of its next reissuance permit application following the procedures listed below. This sampling data shall be submitted as a necessary part of the next reissuance permit application.

    a. Grab samples shall be collected for pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, fecal coliform, mercury, and volatile organics. Twenty-four (24) hour composite samples shall be collected for all other pollutants found in Appendix J, Table 2 of 40 CFR 122.

## Section C - Other Requirements

27. b. A minimum of three (3) test results for each pollutant shall be obtained a minimum of four (4) months apart. Each sampling result shall be collected in a manner to be representative of seasonal variations (such as April, August, and December).

    c. All data collected over the term of the previous permit for a specific pollutant shall be summarized and submitted to the agency by the permittee.

    d. The sample collection, preservation, and analysis shall be conducted in accordance with the procedures of 40 CFR Part 136. The permittee shall assure that all required quantitative data are collected in accordance with sufficiently sensitive analytical methods approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O. For the purposes of this requirement, a method approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O is "sufficiently sensitive" when:

        i) The method minimum level (ML) is at or below the level of the applicable water quality criterion for the measured pollutant or pollutant parameter; or

        ii) The method ML is above the applicable water quality criterion, but the amount of the pollutant or pollutant parameter in a facility's discharge is high enough that the method detects and quantifies the level of the pollutant or pollutant parameter in the discharge; or

        iii) The method has the lowest ML of the analytical methods approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O for the measured pollutant or pollutant parameter.

        iv) When there is no analytical method that has been approved under 40 CFR part 136, required under 40 CFR chapter I, subchapter N or O, and is not otherwise required by the Director, the applicant may use any suitable method but shall provide a description of the method. When selecting a suitable method, other factors such as a method's precision, accuracy, or resolution, may be considered when assessing the performance of the method.

28. The permittee operates and maintains a Combined Sewer System (CSS), and as a result must implement the needed procedures in order to effectuate compliance with the terms and conditions of the Federal Combined Sewer Overflow Policy and the State Combined Sewer Overflow Strategy. Maximization of flow to the wastewater treatment plant is a requirement. The permittee has determined that the wastewater treatment plant is capable of handling a flow of 12.0 million gallons per day (MGD) through its secondary treatment trains without impacting compliance with the concentration effluent discharge limitations for five (5) day Biochemical Oxygen Demand, Total Suspended Solids, and Ammonia Nitrogen. In order to afford the permittee opportunity to implement maximization, mass limitations for these parameters have been established utilizing a flow of 12.0 MGD.

    a. While the permittee is required to maximize flow to the wastewater treatment plant, this in no way relieves the permittee of its obligation to comply with all terms and condition of the permit. As such, the permittee must ensure that the wastewater treatment facility is attaining all of the discharge requirements and effluent discharge limitations set forth in the permit.

    b. The recognition being afforded in Section C.28.a, above, shall not constitute an affirmative defense in any enforcement action brought against the permittee for violations of the WV/NPDES Water Pollution Control Permit.

29. This permit does not afford regulation of any separate storm water outlet or discharge in the collection system. Any storm water discharge (s) resultant to the wastewater collection system improvements project shall be regulated, as applicable, under the terms and conditions of the Municipal Separate Storm Sewer System (MS4) General Permit and the appropriate registration.

30. Combined sewer overflow outlets should not be removed from the permit until the outlet is permanently eliminated. The adjustment to the combined sewer overflow outlets shall be performed as a part of a future permit proceeding.

## Section D - Sewage Sludge Management Requirements

1. The permittee shall monitor and report monthly on the enclosed Sewage Sludge Management Report form the quality and quantity of sewage sludge produced. The required report shall be received by the agency no later than 25 days following the end of the reporting period and in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

**Director**
**Division of Water and Waste Management**
**601 57th Street SE**
**Charleston, West Virginia 25304-2345**
**Attention: Permitting Program**

**Department of Environmental Protection**
**Environmental Enforcement**
**1000 Technology Drive, Suite 3220**
**Fairmont, West Virginia 26554**

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
2. The permittee shall provide copies of monthly reports to the county or regional solid waste authority in which the facility or land application site(s) is located.
3. The Sewage Sludge Monitoring Report form shall be submitted quarterly. The required report shall be received by the agency no later than 25 days following the end of the reporting period and in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

**Director**
**Division of Water and Waste Management**
**601 57th Street SE**
**Charleston, West Virginia 25304-2345**
**Attention: Permitting Program**

**Department of Environmental Protection**
**Environmental Enforcement**
**1000 Technology Drive, Suite 3220**
**Fairmont, West Virginia 26554**

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
4. In conjunction with all other reporting requirements of this permit, copies of all future correspondence regarding this permit will be forwarded to the Environmental Inspector and Environmental Inspector Supervisor at the following address:

**Department of Environmental Protection**
**Environmental Enforcement**
**1000 Technology Drive, Suite 3220**
**Fairmont, West Virginia 26554**

## Section D - Sewage Sludge Management Requirements

5. The following method of sludge disposal shall be used for sewage sludge generated and/or processed at the permitted facility:

   Landfill Disposal: Sewage sludge may be disposed at a landfill by placing the sewage sludge in the landfill cell, provided that the landfill obtains approval from the Division of Water and Waste Management to allow the acceptance of sewage sludge from the permittee, and provided that the landfill(s) is/are identified in the permit application. Prior approval by the Division of Water and Waste Management is required to change landfill disposal site(s).

6. Areas used for processing, curing, and/or storage of sewage sludge shall be designed, constructed and operated to prevent release of contaminants to the groundwater and/or surface water.

7. All analyses performed on soils and sewage sludges shall be analyzed in accordance with analytical methods listed in 40 CFR Part 503.8 except that Nutrients may be analyzed in accordance with the most recently approved edition of Standard Methods and pH may be analyzed using EPA Method 9045D.

8. Sewage sludge disposed in a landfill cell shall be a non-hazardous material as defined in 40 CFR Part 261.24 and a minimum of 20 percent solids. If the sewage sludge is not 20 percent solids, a bulking agent may be used to achieve 20 percent solids before the sewage sludge is weighed in at the landfill. Alternative sludge disposal methods at the landfill can be utilized upon obtaining prior written approval from the Director of the Division of Water and Waste Management.

9. If sewage sludge is used for revegetation, or spread in any other manner at the landfill, the sewage sludge shall meet all of the land application requirements. These requirements include vector attraction and pathogen reduction methods, heavy metals limits, and abiding by an approved loading rate based on soil analyses.

10. The permittee shall maintain all records and reports of all monitoring required by Section D of this permit for five (5) years after the date of monitoring or reporting. Records should include all sample results; any landfill receipts; copies of all required reports; and records of all data used to complete these reports.

11. The limitations and/or monitoring requirements listed in Section A.S01 of this Permit shall apply to the sewage sludge or sewage sludge products.

12. The appropriate composite sampling procedures shall be based upon the particular sludge processing methods used by the permittee. The composite sampling procedures for the various methods are described as follows:

    Belt Press or Vacuum Filter - During the week that the composite sample is obtained, the permittee shall take a minimum of three (3) grab samples during each day of the week that the dewatering system is in operation. These grab samples are to be mixed together and the final sample obtained from the composite. Samples should be collected at a point immediately after the dewatering operation.

    Liquid Sludge - During the week that the composite sample is obtained, the permittee shall take a representative grab sample from each truck load of sewage sludge hauled during that week. These grab samples are to be mixed together and the final sample obtained from the composite. Samples should be collected from the sewage sludge being pumped into the truck or as the sewage sludge is being discharged from the truck.

    Sewage Sludge Drying Beds - During the week that the composite sample is obtained, the permittee shall take a minimum of four (4) grab samples from each bed finished during that week. These grab samples are to be mixed together and the final sample obtained from the composite.

    Composting or Stock Piles - The permittee shall obtain a minimum of eight (8) grab samples from the pile of finished product. These grab samples are to be mixed together and the final sample obtained from the composite.

13. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the Enlarged Hepzibah Public Service District treatment facilities (Erie Plant and Spelter Plant). Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

## Section D - Sewage Sludge Management Requirements

14. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the Pocahontas County Public Service District treatment facilities. Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

15. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the City of Shinnston treatment facilities. Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

## Section E - Approved Pretreatment Programs

1. The permittee shall implement the Industrial Pretreatment Program in accordance with the Clean Water Act and the regulations, 40 CFR Part 403, promulgated, thereunder. Also, the program shall be implemented in accordance with the program submission, approved on December 12, 2002 and as modified on August 31, 2007.
2. The permittee shall implement the program upon all industrial users of the Publicly Owned Treatment Works (POTW), irrespective of the geographical location of the users. The permittee shall secure and maintain adequate legal authority to control users located in Town of Anmore, Town of Stonewood, Town of Nutter Fort, East View PSD, Summit Park PSD, Sun Valley PSD, Greater Harrison PSD, as well as any users located in unincorporated areas outside the corporate boundaries of the City of Clarksburg.
3. The permittee shall submit proposed changes to the approved pretreatment program in accordance with 40 CFR Part 403.18, and shall obtain prior approval of Substantial Modifications as defined by 40 CFR Part 403.18(c).
4. At a minimum, the permittee's implementation of the pretreatment program shall meet the requirements as listed below:
   a. The permittee shall issue individual discharge permits to all significant industrial users (SIUs) as defined by 40 CFR Part 403.3(t). Permits shall contain the minimum requirements of 40 CFR Part 403.8(f)(1)(iii). The permittee shall reissue permits to SIUs prior to their expiration. Administrative extensions of expiring permits shall not be granted without written consent from the Director.
   b. The permittee shall inspect each SIU at least once per year. The annual inspection shall evaluate the manufacturing process, chemical storage areas, pretreatment facilities, spill prevention and control procedures, slug discharge control procedures, hazardous waste generation and disposal procedures, self-monitoring procedures and records.
   c. The permittee shall sample and analyze the nondomestic wastewater discharge(s) of each SIU at least once per year (1/year). Such monitoring shall include all parameters limited in the SIU's permit and shall be performed in accordance with 40 CFR Part 136, where applicable.
   d. The permittee shall perform quarterly assessments of SIU compliance, and document the names of SIUs that demonstrate significant noncompliance (SNC) and the SNC criteria violated. The permittee shall publish the name of any SIU that demonstrates significant noncompliance in the pretreatment year, as required by 40 CFR Part 403.8(f)(2)(vii). Publication shall occur, on or before the 31st day of August following the end of the annual program year (July 1 through June 30).
   e. The permittee shall take timely and appropriate enforcement for all instances of industrial user noncompliance in accordance with an Enforcement Response Plan as required by 40 CFR Part 403.8(f)(5). The permittee shall take "formal" enforcement actions against SIUs demonstrating Significant Noncompliance as defined by 40 CFR 403.8(f)(2)(vii). A formal enforcement action is an Administrative Order or other more stringent action.
   f. The permittee shall ensure that adequate resources (equipment and personnel) are available to fully implement the City's pretreatment program.
   g. The permittee's Maximum Allowable Headworks Loading (MAHL) and local limits were reviewed at this re-issuance in accordance with the proposed effluent limitations from Outfall 001. Local limits for all the pollutants are technically based. No change is needed for the local limits in the Sewer Use Ordinance.
5. The permittee shall conduct monitoring, at its wastewater treatment plant, as follows:
   a. The POTW effluent shall be monitored quarterly for total form of arsenic, mercury, cadmium, hexavalent chromium, copper, lead, nickel, silver, zinc, and free cyanide. For all parameters, except for free cyanide and mercury, 24 hour composite samples shall be obtained. An individual grab sample shall be obtained for free cyanide and mercury. Effluent monitoring shall be performed concurrent with influent monitoring required in Section E.5.b of the pretreatment requirements.

## Section E - Approved Pretreatment Programs

5. b. The POTW influent shall be monitored on a quarterly basis for total form of arsenic, mercury, cadmium, hexavalent chromium, copper, lead, nickel, silver, zinc, and free cyanide. For all parameters, except free cyanide and mercury, 24 hour composite samples shall be obtained. An individual grab sample shall be obtained for free cyanide and mercury. Influent monitoring shall be performed concurrent with effluent monitoring required in Section E.5.a of the pretreatment requirements.

   c. The permittee shall conduct annual (1/year) monitoring of the POTW influent for all priority pollutants not specified in Section A.001. For volatile organics, a minimum of four (4) individual samples shall be obtained. The samples may be analyzed separately, or may be combined in the laboratory, using flask or purge device compositing techniques, as specified in EPA's draft guidance, VOA Compositing Procedures, and the composite sample then analyzed. Twenty-four (24) hour composite samples shall be obtained and analyzed for base neutrals, acid extractables, pesticides and metals.

   If priority pollutants are non-detect at the method detection level in the first year of the permit, then these pollutants need only be monitored only in the final year of the permit. The pollutants that are present above the method detection level must be monitored annually and a source identification assessment shall be conducted for those pollutants. If a successive year's sampling for a pollutant results in a non-detect, then sampling for these pollutants need only be monitored in the final year of the permit. Influent sampling during the final year of the permit shall be conducted at a time such that the results can be provided with the reissuance application.

   d. The permittee shall conduct monitoring of the POTW's dewatered sludge as required by 40 CFR Part 503 and in accordance with Section D of this permit and the WV Sludge Management Regulations.

6. On or before the 31st day of August following the end of the annual program year (July 1 through June 30), the permittee shall submit an annual report that describes the permittee's pretreatment implementation activities of the previous program year (July 1 through June 30). The annual pretreatment program report shall include the following information:

   a. SIU Listing - Provide an updated list of all current SIUs. The list shall indicate which SIUs are subject to Categorical Pretreatment Standards, and the applicable standard.

   b. SIU Permits - Provide a list of the issuance and expiration dates of each SIU permit, and the names of SIUs that are without a valid permit.

   c. Sampling and Inspection - Provide the number of inspections and sampling events performed by the permittee at SIUs and a listing of SIUs that were not sampled and the SIUs that were not inspected.

   d. Compliance and Enforcement - Provide a summary of the violations of the pretreatment standards and requirements that occurred during the year. The summary shall include the results of the quarterly SNC assessments required by Section E.4.d above, and for each SIU that demonstrated SNC, the permittee shall describe the specific enforcement action taken and the current compliance status of the SIU. The summary shall also provide the number(s) of each type of enforcement action taken by the permittee, and a copy of the published list of SIUs in SNC, as required by Section E.4.d above.

   e. POTW Operations - Provide a description of any interference, upset or permit violations experienced by the POTW which are attributable to the discharges of industrial users. A summary of the results of the influent, effluent and sludge monitoring required by Section E.5 above shall be included.

   f. Local Limitations - For each pollutant that a local limitation exists provide a summary of the current total available industrial load (MAIL) for the POTW and the allocation of that load to existing industrial users for the previous year. Include the loads allocated by the addition and/or deletion of industrial users and uncontrollable sources such as but not limited to domestic waste background loads, non-significant industrial users, etc. For each pollutant that a local limitation exists provide a summary of the influent loading as a fraction of the maximum allowable headworks loading (MAHL).

7. The Director and the U.S. EPA retain the right to require the permittee to institute changes to the pretreatment program if:

   a. The requirements of 40 CFR Part 403 are not satisfied by program implementation;

## Section E - Approved Pretreatment Programs

7. b. Problems such as interference, pass through, or sludge contamination develop;

c. Federal or State requirements change.

## Section F - Combined Sewer System Overflows

1. Outlet Numbers C002-C023, C025, C027-C028, C030, C033-C034, C036, C038, C040, C042, C044-C047, C049-C053, C057, C060, C062, C064-C065, C067B, C069, C072-C073, C077-C078, C081, and C082, listed below, serve as combined sewer relief points. Combined sewer overflows (CSOs) are allowed only when flows in the combined sewer system exceeds the conveyance and/or treatment capacities during wet weather periods. Wet weather shall be defined for this requirement as any period of time in which flows within the combined sewer system, or portion thereof, are being substantially influenced by rainfall, snowmelt, and/or other natural phenomena. Dry weather overflow events from any CSO are prohibited. The permittee shall ensure that all CSO events comply with the requirements found in Section F and any other pertinent portions of this permit. The requirements of this permit shall not supersede the 1994 CSO Policy or the recommended EPA Guidance for Nine Minimum Controls.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C002 | River Road<br>Latitude 39° 18' 06" N<br>Longitude 80° 21' 08" W | West Fork River<br>(Mile Point 29.05)<br>of the Monongahela River |
| C003 | Pearlman Avenue<br>Latitude 39° 17' 59" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 29.2)<br>of the Monongahela River |
| C004 | Adams Avenue<br>Latitude 39° 17' 30" N<br>Longitude 80° 21' 14" W | West Fork River<br>(Mile Point 30.12)<br>of the Monongahela River |
| C004B | West Pike Street<br>Latitude 39° 17' 18" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 30.44)<br>of the Monongahela River |
| C005 | Duncan Avenue<br>Latitude 39° 17' 01" N<br>Longitude 80° 21' 28" W | West Fork River<br>(Mile Point 30.97)<br>of the Monongahela River |
| C006 | River Avenue<br>Latitude 39° 16' 58" N<br>Longitude 80° 21' 25" W | West Fork River<br>(Mile Point 31.04)<br>of the Monongahela River |
| C007 | Hart Street<br>Latitude 39° 16' 53" N<br>Longitude 80° 21' 24" W | West Fork River<br>(Mile Point 31.16)<br>of the Monongahela River |
| C008 | Riverside Drive<br>Latitude 39° 16' 13" N<br>Longitude 80° 21' 22" W | West Fork River<br>(Mile Point 32.71)<br>of the Monongahela River |
| C009 | North and Hart Streets<br>Intersection<br>Latitude 39° 16' 51" N<br>Longitude 80° 21' 11" W | West Fork River<br>(Mile Point 31.38)<br>of the Monongahela River |
| C010 | Verdun Street<br>Latitude 39° 16' 18" N<br>Longitude 80° 21' 19" W | West Fork River<br>(Mile Point 32.58)<br>of the Monongahela River |
| C011 | Hart Street<br>Latitude 39° 16' 51" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 31.41)<br>of the Monongahela River |
| C012 | End of Verdun Street<br>Latitude 39° 16' 33" N<br>Longitude 80° 21' 23" W | West Fork River<br>(Mile Point 32.21)<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C013 | Dane Street and Stadium Drive<br>Latitude 39° 16' 38" N<br>Longitude 80° 21' 06" | West Fork River (Mile Point 31.96) of the Monongahela River |
| C014 | Grove Avenue<br>Latitude 39° 16' 41" N<br>Longitude 80° 21' 05" W | West Fork River (Mile Point 31.88) of the Monongahela River |
| C015 | Ferry Street<br>Latitude 39° 16' 50" N<br>Longitude 80° 20' 57" W | West Fork River (Mile Point 31.7) of the Monongahela River |
| C016 | Grove Avenue<br>Latitude 39° 16' 42" N<br>Longitude 80° 21' 00" W | West Fork River (Mile Point 31.8) of the Monongahela River |
| C017 | College Street<br>Latitude 39° 17' 12" N<br>Longitude 80° 20' 36" W | Elk Creek (Mile Point 2.8) of the West Fork River of the Monongahela River |
| C018 | Park Boulevard<br>Latitude 39° 16' 47" N<br>Longitude 80° 20' 58" W | West Fork River (Mile Point 31.7) of the Monongahela River |
| C019 | Under Sixth Street Bridge<br>Latitude 39° 17' 00" N<br>Longitude 80° 20' 30" W | Elk Creek (Mile Point 1.14) of the West Fork River of the Monongahela River |
| C020 | Milford Street Bridge<br>Latitude 39° 16' 55" N<br>Longitude 80° 21' 06" W | Elk Creek (Mile Point 0.016) of the West Fork River of the Monongahela River |
| C021 | Between Fourth and Sixth Street Bridges<br>Latitude 39° 16' 59" N<br>Longitude 80° 20' 27" W | Elk Creek (Mile Point 1.196) of the West Fork River of the Monongahela River |
| C022 | Baltimore Avenue<br>Latitude 39° 17' 04" N<br>Longitude 80° 21' 08" W | Elk Creek (Mile Point 0.329) of the West Fork River of the Monongahela River |
| C023 | Between Fourth and Sixth Street Bridges<br>Latitude 39° 16' 58" N<br>Longitude 80° 20' 25" W | Elk Creek (Mile Point 1.237) of the West Fork River of the Monongahela River |
| C025 | Downstream of Fourth Street Bridge<br>Latitude 39° 16' 56" N<br>Longitude 80° 20' 21" W | Elk Creek (Mile Point 1.296) of the West Fork River of the Monongahela River |
| C027 | End of School Street<br>Latitude 39° 16' 55" N<br>Longitude 80° 20' 17" W | Elk Creek (Mile Point 1.361) of the West Fork River of the Monongahela River |

## Section F - Combined Sewer System Overflows

| 1. Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C028 | Brockway Parking Lot<br>Latitude 39° 17' 05" N<br>Longitude 80° 21' 06" W | Elk Creek<br>(Mile Point 0.546)<br>of the West Fork River<br>of the Monongahela River |
| C030 | North 8th Street<br>Latitude 39° 17' 09" N<br>Longitude 80° 20' 33" W | Elk Creek<br>(Mile Point 0.922)<br>of the West Fork River<br>of the Monongahela River |
| C033 | North 1st Street<br>Latitude 39° 16' 55" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.602)<br>of the West Fork River<br>of the Monongahela River |
| C034 | Sandy Boulevard<br>Latitude 39° 16' 50" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.689)<br>of the West Fork River<br>of the Monongahela River |
| C036 | Main Street Bridge<br>Latitude 39° 16' 51" N<br>Longitude 80° 20' 05" W | Elk Creek<br>(Mile Point 1.835)<br>of the West Fork River<br>of the Monongahela River |
| C038 | Monticello Avenue<br>Latitude 39° 16' 40" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.892)<br>of the West Fork River<br>of the Monongahela River |
| C040 | Monticello Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 2.023)<br>of the West Fork River<br>of the Monongahela River |
| C042 | Monticello Avenue<br>Latitude 39° 16' 28" N<br>Longitude 80° 20' 10" W | Elk Creek<br>(Mile Point 2.141)<br>of the West Fork River<br>of the Monongahela River |
| C044 | Elkins Lane<br>Latitude 39° 16' 19" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 2.483)<br>of the West Fork River<br>of the Monongahela River |
| C045 | East Main and Water Street<br>Latitude 39° 16' 43" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.833)<br>of the West Fork River<br>of the Monongahela River |
| C046 | Elkins Lane<br>Latitude 39° 16' 20" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 2.495)<br>of the West Rork River<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

| 1. Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C047 | Water Street<br>Latitude 39° 16' 40" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.889)<br>of the West Fork River<br>of the Monongahela River |
| C049 | End of Washington Avenue<br>Latitude 39° 16' 38" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.927)<br>of the West Fork River<br>of the Monongahela River |
| C050 | Elkins Lane and Charles Street<br>Latitude 39° 16' 21" N<br>Longitude 80° 20' 03" W | Elk Creek<br>(Mile Point 2.517)<br>of the West Fork River<br>of the Monongahela River |
| C051 | Water Street<br>Latitude 39° 16' 36" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.967)<br>of the West Fork River<br>of the Monongahela River |
| C052 | End of Main Street<br>Latitude 39° 16' 25" N<br>Longitude 80° 20' 00" W | Elk Creek<br>(Mile Point 2.606)<br>of the West Fork River<br>of the Monongahela River |
| C053 | Water Street<br>Latitude 39° 16' 26" N<br>Longitude 80° 20' 12" W | Elk Creek<br>(Mile Point 2.181)<br>of the West Fork River<br>of the Monongahela River |
| C057 | Howard Street<br>Latitude 39° 16' 34" N<br>Longitude 80° 19' 44" W | Elk Creek<br>(Mile Point 2.92)<br>of the West Fork River<br>of the Monongahela River |
| C060 | End of Tyler Avenue<br>Latitude 39° 16' 29" N<br>Longitude 80° 19' 50" W | Elk Creek<br>(Mile Point 2.782)<br>of the West Fork River<br>of the Monongahela River |
| C062 | Buckhannon Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 19' 44" W | Elk Creek<br>(Mile Point 2.9)<br>of the West Fork River<br>of the Monongahela River |
| C064 | Stanley Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 19' 29" W | Elk Creek<br>(Mile Point 3.261)<br>of the West Fork River<br>of the Monongahela River |
| C065 | End of Oakland Avenue<br>Latitude 39° 16' 05" N<br>Longitude 80° 19' 30" W | Elk Creek<br>(Mile Point 4.611)<br>of the West Fork River<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C067B | Osage Court (East End)<br>Latitude 39° 16' 02" N<br>Longitude 80° 19' 17" W | Elk Creek<br>(Mile Point 4.823)<br>of the West Fork River<br>of the Monongahela River |
| C069 | Thorn Street<br>Latitude 39° 16' 20" N<br>Longitude 80° 21' 16" W | West Fork River<br>(Mile Point 32.53)<br>of the Monongahela River |
| C072 | Tuna Street<br>Latitude 39° 16' 16" N<br>Longitude 80° 19' 19" W | Elk Creek<br>(Mile Point 4.252)<br>of the West Fork River<br>of the Monongahela River |
| C073 | End of Camden Street<br>Latitude 39° 16' 14" N<br>Longitude 80° 21' 20" W | West Fork River<br>(Mile Point 32.65)<br>of the Monongahela River |
| C077 | North End of River Avenue<br>Latitude 39° 16' 53" N<br>Longitude 80° 21' 09" W | West Fork River<br>(Mile Point 31.45)<br>of the Monongahela River |
| C078 | Hope Gas Meter Station<br>Latitude 39° 16' 32" N<br>Longitude 80° 21' 04" W | West Fork River<br>(Mile Point 32.07)<br>of the Monongahela River |
| C081 | Manhole No. 18<br>Latitude 39° 17' 42" N<br>Longitude 80° 21' 30" W | West Fork River<br>(Mile Point 29.75)<br>of the Monongahela River |
| C082 | Manhole No. 42<br>Latitude 39° 17' 12" N<br>Longitude 80° 21' 20" W | West Fork River<br>(Mile Point 30.69)<br>of the Monongahela River |

2. Technology-Based Effluent Limitations For CSOs. The permittee shall comply with the following technology-based requirements:

a. CONDUCT PROPER OPERATION AND REGULAR MAINTENANCE PROGRAMS

The permittee shall prepare and implement a proper Operation and Maintenance Program for their combined sewer system (CSS). The permittee shall prepare, maintain, and implement a Combined Sewer Overflow (CSO) Operation and Maintenance Manual (OMM) describing routine operation, inspection, maintenance, and training activities. The OMM shall be reviewed and updated at least one time per year to ensure the OMM's accuracy. The OMM shall include, but is not limited to, the following listed elements.

1) The permittee shall establish an annual CSO budget and shall provide documentation of the process used to establish said budget in the OMM.

2) The permittee shall provide and document as a part of the OMM the following items:

i) Current and accurate sketch/map of CSS depicting CSO outfall locations, receiving streams, identified sensitive areas, and the location of rain gauges.

ii) For a minimum of three years, all inspection reports and forms, operation and maintenance logs, training records, customer complaints, and annual summaries of wet and dry weather CSO events.

iii) Accurate program documents that describes current operations, inspection, and maintenance procedures for any CSO equipment and structures.

iv) Summaries of up-to-date information concerning wet and dry weather CSO events that can be publicly viewed.

## Section F - Combined Sewer System Overflows

2. a. 3) The permittee shall establish municipal ordinances to prevent illicit CSS connections and to prevent dumping of debris into the CSS.

4) The permittee shall provide adequate training programs pertaining to CSO activities for the staff.

5) The permittee shall identify and document any sensitive areas (e.g. receiving stream segments having primary contact recreation uses, marinas and boat ramps, drinking water intakes, public parks) and shall document whether there are CSOs outfalls discharging in or just upstream of these sensitive areas. Based on this information, CSO outfalls shall be prioritized for proper development of CSO controls.

6) The permittee shall establish and maintain regularly scheduled outfall inspections with procedures that can accurately detect and document wet and dry weather CSO discharge events.

7) The permittee shall maintain, at a minimum, one (1) rain gauge in order to obtain measurements of local precipitation during wet weather periods. Additional gauges may be required depending upon the size of the CSS. The rain gauge measurement data shall be submitted as a part of the periodic reports and will assist the permittee in developing an accurate characterization of the CSS during wet weather CSO discharge events.

8) The permittee shall prepare a list of critical CSO equipment and shall establish and properly document a preventive maintenance schedule for said equipment. The permittee shall properly document any repairs made to the CSS and/or CSO equipment/structures.

9) The permittee shall establish, implement, and document a routine maintenance schedule for the following specific activities described and listed below. There may be need to do some of these activities at times by necessity; however, an established schedule to routinely complete these activities shall be put in place.

i) Routine inspection and cleaning of catch basins and manholes.
ii) Routine inspection , cleaning and maintenance of lift stations including pumps.
iii) Routine vacuum cleaning and/or jet flushing of the combined sewer system.
iv) Routine street cleaning.
v) Routine inspections of portions of the combined collection system.

10) Periodic inspections of grease traps from restaurants, schools, and other facilities with food services shall be conducted and documented. Periodic inspections of businesses and /or other customers that may be contributing waste streams other than domestic sewage shall be conducted and documented.

11) The permittee shall establish a procedure detailing how CSS customer complaints are taken, tracked, processed, and resolved. A summary of complaints and resolutions for the past three years shall be readily available for review by the public or the WVDEP.

b. MAXIMIZE USE OF STORAGE IN COLLECTION SYSTEM

The permittee shall identify, and document in the OMM, portions of the combined sewer system (CSS) usable for storage and determine the CSS storage capacity including the configuration, size, and lift station capacities. The permittee shall identify, and document in the OMM, any unused tanks or piping that could potentially be used as off-line storage at the existing facilities. The permittee shall identify any bottlenecks in the combined sewer system and provide recommendations on increasing flows through these areas. The permittee shall identify procedures (and document them in the OMM) such as pre-storm drawdowns of lift station wet wells and interceptor collection lines that could provide additional wet weather storage capacity.

c. REVIEW AND MODIFICATION OF PRETREATMENT PROGRAM

The permittee shall document in the OMM, the procedures used to inspect and evaluate the necessity of pretreatment for indirect non-domestic wastewater dischargers (i.e., restaurants, gasoline stations, garages, funeral homes, hospitals, schools, etc.) to minimize their impacts on CSO discharges. The permittee shall maintain a list of non-domestic dischargers to their combined collection systems and evaluate the necessity to require dischargers to reduce or cease their discharges during wet weather periods when CSO discharges are occurring. A summary of pretreatment inspections or evaluations shall be submitted as a part of the CSO Summary Report (CSR) as required in Section D.6 below.

## Section F - Combined Sewer System Overflows

2. d. MAXIMIZATION OF FLOW TO POTW FOR TREATMENT

The permittee shall document the plans and procedures being implemented to maximize the combined wastewater flow to the POTW during wet weather events and to deliver as much of the combined wastewater flow as possible to the treatment plant within the treatment plant's hydraulic capacity and the treatment plant's constraints as imposed by the permit effluent limitations. The plan shall be documented in the OMM and a summary of any ongoing activities shall be submitted as a part of the periodic CSO Summary Report (CSR). The permittee shall evaluate annually and document any maximization procedures implemented including the following:

1) Because accuracy in measuring flow is a critical element in CSO control, the permittee shall calibrate the WWTP's flow measurement devices each year and shall document in a log when these calibrations occur. If possible, the permittee should use a staff gauge or other plant flow measuring device, to check for flow measurement accuracy at least one time a month (1/month) and document these checks in a log.
2) Evaluate and document the performance of critical CSO equipment in the combined sewer system and POTW.
3) Evaluate and document the potential of raising CSO diversion weirs or other devices to the maximum heights possible to reduce CSO activity.
4) Evaluate and document the comparison between existing flow rates to design capacity for both the POTW and the lift station pumps.
5) Evaluate and document the capacities of major interceptors and pumping stations delivering flows to the POTW.
6) Evaluate and document wet weather flow rates to the POTW compared to typical dry weather flows.
7) Evaluate and document whether some portion of wet weather flow could receive partial treatment at the POTW.
8) Evaluate and document the status of any excessive inflow and infiltration (I&I) correction projects.
9) Evaluate and document whether CSO discharge events are occurring even when the POTW flow volumes at the POTW falls below the rated design capacity. If occurrences are happening, develop corrective actions that can be taken to prevent recurrence.

e. ELIMINATION OF CSOs DURING DRY WEATHER

Dry weather overflows (DWO) from CSOs are prohibited and shall be reported to the WVDEP's emergency spill line within 24 hours of its detection. The permittee shall conduct annual evaluations for the following:

1) Evaluate the number of reported DWO events that have occurred during the past three years.
2) Determine the causes of DWO, and provide the actions that the permittee has taken and will take in the future to prevent recurrence.
3) Evaluate the existing methods of detecting DWO and their efficacy.
4) Evaluate remediation procedures for the treatment, removal, or flushing of objectionable materials deposited in receiving streams or the stream bank after DWO - due to either complaints or health issues.
5) Evaluate whether a DWO event could potentially directly endanger the health of recreational stream users or the environment itself.
6) Identify the processes used to make these evaluations and document them in the OMM.
7) A summary of these annual results shall be submitted as a part of the CSO Summary Report (CSR).

## Section F - Combined Sewer System Overflows

2. f. CONTROL OF SOLIDS AND FLOATABLE MATERIALS

The permittee shall control solid and floatable materials discharging from all CSO discharges and the permittee shall have these objectionable materials removed should an abnormally large amount of these materials be deposited in the receiving stream or on the stream bank. The permittee shall conduct an annual evaluation of past performance, and recommend corrective actions to reduce the presence of solids and floatable materials in CSO discharges and the receiving steam. The process of making these evaluations shall be documented in the OMM. Actions taken to control solid and floatable materials shall be documented in the CSO Summary Report (CSR). The following list is items that should be reviewed:

1) The permittee shall evaluate and implement control technologies at each outfall to control solids and floatable materials. These technologies should be maintained and documented.
2) The permittee shall evaluate and give consideration to installing screens at catch basins and or outfall structures prior to discharging to receiving streams.
3) The permittee shall evaluate having annual leaf pickups as a preventative measure.
4) The permittee shall evaluate having a community recycling programs as a preventative measure.
5) The permittee shall evaluate providing trash containers in high traffic areas.
6) The permittee shall evaluate their control of illegal dumping and their enforcement of local litter laws.
7) The permittee shall evaluate and give consideration to installing outfall booms, netting, etc. for control of floatable materials.
8) The permittee shall evaluate the effectiveness of a street cleaning program.

g. POLLUTION PREVENTION

The permittee shall summarize any pollution prevention activity in the CSO Summary Report (CSR), and conduct an annual evaluation and recommend corrective actions. The following items should be evaluated:

1) The permittee shall evaluate the need for source control measures at the government level for pollution prevention.
2) The permittee shall provide educational opportunities for the general public concerning the need for their assistance to reduce pollution reaching the combined sewer system.
3) The permittee shall evaluate the opportunity of organizing the collection and disposal of household hazardous waste materials.

h. PUBLIC NOTIFICATION

The permittee shall conduct an annual evaluation on the effectiveness of its public notification process by reviewing and providing documentation of the following items:

1) The permittee shall ensure and document that adequate warning signs are installed at each CSO outfall that notify and alert the public to avoid contact with waters near or downstream of discharging CSO outfalls.
2) The permittee shall evaluate the feasibility and document that adequate warning signs are installed at public stream access points (e.g. marinas and boat launches) that notify and alert the public to avoid recreational contact with waters during or just after any CSO discharge.
3) The permittee shall develop and document procedures to provide to the general public, and specific entities that might be expected to be affected by CSO discharges, information concerning CSO discharge occurrences and their impacts to water quality in the receiving stream(s) (e.g. newspaper public notifications, newspaper advertisements, public service announcements on radio and/or television).
4) The permittee shall develop and document procedures for public notification in circumstances where public notification concerning of CSO discharge activity is critical and immediate.

## Section F - Combined Sewer System Overflows

2. h. 5) The permittee shall ensure and document the availability of CSO pamphlets for distribution and education of the general public.

6) The permittee shall ensure and document the availability of a logbook of CSO discharges and activities that is readily available for public review (e.g. payment offices, town halls, community centers).

7) The permittee shall evaluate and document any public education programs concerning CSOs and the community's response and any other plans addressing them.

8) The permittee shall record and document any public involvement including any comments or suggestions made by the public concerning CSOs.

9) The permittee shall notify the water treatment facility when CSOs upstream of the water intakes become active. The permittee shall document these notifications in a log.

i. MONITORING TO CHARACTERIZE CSO IMPACTS TO RECEIVING STREAMS AND THE EFFICIENCY OF CSO CONTROLS

The permittee shall monitor CSO outfall discharges and the receiving waters into which these CSOs discharge and shall characterize their impacts and also make determinations about concerning how well CSO controls are improving water quality in the receiving stream(s).

1) The permittee shall ensure and document that they have installed and are maintaining a rain gauge(s) to measure precipitation within the CSS drainage areas.

2) The permittee shall evaluate and document whether they use or can use stream gage information from the National Weather Service or the US Geological Survey to specify the amount and intensity of rain or snow events that could trigger CSO activity and also to obtain stream flow data for analysis.

3) The permittee shall ensure and document the specific location and the receiving stream of each CSO outfall in the CSS and shall also investigate and determine if any CSO outfalls discharge to environmentally sensitive areas. CSO outfalls that discharge to environmentally sensitive areas (i.e. near water intakes; near parks, schools, or marinas; water recreation areas or areas where there exists a high possibility of human contact and exposure; and areas likely to affect threatened or endangered animal species) should be given a high priority. Outfalls that have the highest frequency of discharge or that discharge the greatest volume of wastewater should also be considered a high priority.

4) The permittee shall implement and document the procedures utilized by the permittee to collect and summarize data concerning the total number of CSO overflow events (both wet and dry weather) and the frequency and duration of CSO activities for at least a representative number of CSO outfalls. The permittee shall monitor and maintain a record of CSO activity for the duration and estimated volume for all overflow events that occur at a minimum of 10 percent (%) of the highest priority CSO outlets in the permittee's combined collection system. The permittee shall also record rainfall data during these CSO overflow events. The CSO flow monitoring data and rainfall data shall be submitted to this agency as a portion of the semiannual progress reports required below.

5) The permittee shall implement and document the procedures utilized by the permittees to correlate the precipitation data and the CSO activity data in order to predict what measured amount and intensity of rainfall/snowmelt events will trigger CSO activity.

6) The permittee shall implement and document the procedures utilized to collect water quality data and other information on chemical, physical, and biological impacts resulting from CSO discharges (e.g. swimming area closings, excessive floatable materials in streams, fish kills, sludge banks, impaired habitat for aquatic life).

7) The permittee shall implement and document the procedures utilized by the permittee following the completion of a CSO control project in order to evaluate any improvements made to water quality from said control projects.

3. WATER QUALITY-BASED EFFLUENT LIMITATIONS FOR CSOs

## Section F - Combined Sewer System Overflows

3. a. To the extent provided by law, the discharges from the permittee's CSOs shall not cause or contribute to an in-stream excursion above any numeric or narrative criteria developed and adopted as part of the WV water quality standards.

   b. The permittee has chosen the presumptive approach. The permittee shall discharge no more than an average of four (4) to six (6) overflow events per year.

4. LONG-TERM CONTROL PLAN (LTCP)

   a. The permittee shall implement and effectively operate and maintain the current CSO controls and any completed CSO abatement projects in accordance with the CSO Long-Term Control Plan that was approved by the Division, on the 29th day of April 2010 and the amended revised Implementation Schedule on the 9th day of May 2023.

   b. Post-Construction Compliance Monitoring- The LTCP shall include a post-construction monitoring program that is adequate to ascertain the effectiveness of the CSO controls and can be used to verify attainment of water quality standards. The program shall include details of monitoring protocols to be followed, including CSO and ambient monitoring.

5. POST CONSTRUCTION COMPLIANCE MONITORING

   The permittee shall implement an approved post-construction monitoring program that is adequate to ascertain the effectiveness of the CSO controls, and to verify attainment of water quality standards and protection of designated uses.

6. REPORTING REQUIREMENTS

   a. The permittee shall submit a semiannual (1/6 months) CSO Summary Report (CSR) detailing actions taken to meet the CSO Policy requirements and the LTCP. The CSR shall include the flow monitoring information as required in Section F.2.i above. The CSO summary reports shall be postmarked no later than 20 days or shall be received no later than 25 days following the end of the six (6) month calendar period.

   b. The semiannual CSO Summary Reports (CSRs) shall be addressed and submitted to the following:

**Director**
**Division of Water and Waste Management**
**601 57th Street SE**
**Charleston, West Virginia 25304-2345**
**Attention: Permitting Program**

**Department of Environmental Protection**
**Environmental Enforcement**
**1000 Technology Drive, Suite 3220**
**Fairmont, West Virginia 26554**

7. CSO LANGUAGE REOPENER CLAUSE

   a. This permit may be modified or revoked and reissued to include new or revised conditions should new information, not available at the time of permit issuance or permit modification issuance, indicate that CSO controls imposed under the terms of the permit have failed to ensure the attainment of the WV water quality standards.

   b. This permit may be modified or revoked and reissued to include new or revised conditions based upon new information resulting from the implementation of the LTCP.

8. TOTAL MAXIMUM DAILY LOAD (TMDL)

   a. The receiving stream, West Fork River, for Outlet Nos. C002, C003, C004, C004B, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, 016, C018, C069, C073, C077, C078, C081, and C082, had TMDLs developed, in July 2014, for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

## Section F - Combined Sewer System Overflows

8. b. The receiving stream, Elk Creek, for Outlet Nos. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, 040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C067B, and C072, had TMDLs developed, in July 2014, for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

c. For the CSO outfalls noted above, LTCP implementation procedures should include scheduling the TMDL compliance measures in the LTCP and implementation of those measures should be represented in the LTCP compliance schedule (implementation schedule). If any changes in water quality standards and/or TMDL revisions or updates occur during implementation of the LTCP, the LTCP may need to be revised to address those changes.

The herein-described activity is to be extended, modified, added to, made, enlarged, acquired, constructed or installed, and operated, used and maintained strictly in accordance with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0023302; with the plan of maintenance and method of operation thereof submitted with such application(s); and with any applicable rules and regulations promulgated by the Environmental Quality Board and the Secretary of the Department of Environmental Protection.

Failure to comply with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0023302; and with the plan of maintenance and method of operation thereof submitted with such application(s) shall constitute grounds for the revocation or suspension of this permit and the invocation of all the enforcement procedures set forth in Chapter 22, Article 11, or 15 of the Code of West Virginia.

This permit is issued in accordance with the provisions of Chapter 22, Article 11 and 12 and/or 15 of the Code of West Virginia and is transferable under the terms of Section 11 of Article 11.

_____
Jeremy W. Bandy, Director

# Appendix A

## I. MANAGEMENT CONDITIONS:

**1. Duty to Comply**

a) The permittee must comply with all conditions of this permit. Permit noncompliance constitutes a violation of the CWA and State Act and is grounds for enforcement action; for permit modification, revocation and reissuance, suspension or revocation; or for denial of a permit renewal application.

b) The permittee shall comply with all effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

**2. Duty to Reapply**

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit at least 180 days prior to expiration of the permit.

**3. Duty to Mitigate**

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

**4. Permit Actions**

This permit may be modified, revoked and reissued, suspended, or revoked for cause. The filing of a request by the permittee for permit modification, revocation and reissuance, or revocation, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

**5. Property Rights**

This permit does not convey any property rights of any sort or any exclusive privilege.

**6. Signatory Requirements**

All applications, reports, or information submitted to the Director shall be signed and certified as required in Title 47, Series 10 , Section 4.6 of the West Virginia Legislative Rules.

**7. Transfers**

This permit is not transferrable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

**8. Duty to Provide Information**

The permittee shall furnish to the Director, within a reasonable specified time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, suspending, or revoking this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

**9. Other Information**

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

**10. Inspection and Entry**

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

a) Enter upon the permittee's premises in which an effluent source or activity is located, or where records must be kept under the conditions of this permit;

b) Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;

c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the State Act, any substances or parameters at any location.

**11. Permit Modification**

This permit may be modified, suspended, or revoked in whole or in part during its term in accordance with the provisions of Chapter 22-11-12 of the Code of West Virginia.

**12. Water Quality**

This discharge shall not cause or materially contribute to: distinctly visible floating or settable solids, suspended solids, scum, foam or oily slicks; deposits or sludge bank on the bottom; odors in the vicinity of the waters; taste or odor that would adversely affect the designated uses of the affected waters; distinctly visible color which may impair or interfere with the designated uses of the affected waters; and shall not cause a fish or mussel kill. The limitations and conditions in this permit for the discharges identified in this permit are limitations and conditions that are necessary to meet applicable West Virginia water quality standards, Requirements Governing Water Quality Standards 47 CSR 2.

**13. Outlet Markers**

A permanent marker at the establishment shall be posted in accordance with Title 47, Series 11, Section 9 of the West Virginia Legislative Rules.

**14. Liabilities**

a) Any person who violates a permit condition implementing sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, 308 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than 1 year, or both.

b) Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 2 years, or by both.

c) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 2 years, or by both.

d) Nothing in I.14 a), b), and c) shall be construed to limit or prohibit any other authority the Director may have under the State Water Pollution Control Act, Chapter 22, Article 11.

## II. OPERATION AND MAINTENANCE:

**1. Proper Operation and Maintenance**

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. Unless otherwise required by Federal or State law, this provision requires the operation of back-up auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit. For domestic waste treatment facilities, waste treatment operators as classified by the WV Bureau of Public Health Laws, W. Va. Code Chapter 16-1, will be required except that in circumstances where the domestic waste treatment facility is receiving any type of industrial waste, the Director may require a more highly skilled operator.

**2. Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

**3. Bypass**

a) Definitions
   (1) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility; and
   (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of II.3.c) and II.3.d) of this permit.

c) (1) If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass;
   (2) If the permittee does not know in advance of the need for bypass, notice shall be submitted as required in IV.2.b) of this permit.

d) Prohibition of bypass
   (1) Bypass is permitted only under the following conditions, and the Director may take enforcement action against a permittee for a bypass, unless;
      (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
      (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
      (C) The permittee submitted notices as required under II.3.c) of this permit.
   (2) The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed in II.3.d.(1) of this permit.

**4. Upset**

a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.

b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitation if the requirements of II.4.c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
   (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
   (2) The permitted facility was at the time being properly operated;
   (3) The permittee submitted notice of the upset as required in IV.2.b) of this permit.
   (4) The permittee complied with any remedial measures required under I.3. of this permit.

d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

**5. Removed Substances**

Where removed substances are not otherwise covered by the terms and conditions of this permit or other existing permit by the Director, any solids, sludges, filter backwash or other pollutants (removed in the course of treatment or control of wastewaters) and which are intended for disposal within the State, shall be disposed of only in a manner and at a site subject to the approval by the Director. If such substances are intended for disposal outside the State or for reuse, i.e., as a material used for making another product, which in turn has another use, the permittee shall notify the Director in writing of the proposed disposal or use of such substances, the identity of the prospective disposer or users, and the intended place of disposal or use, as appropriate.

## III. MONITORING AND REPORTING

**1. Representative Sampling**

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

**2. Reporting**

a) Permittee shall submit, according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration, and/or quantities, the values of the constituents listed in Part A analytically determined to be in the plant effluent(s). DMR submissions shall be made in accordance with the terms contained in Section C of this permit.

b) Enter reported average and maximum values under "Quantity" and "Concentration" in the units specified for each parameter, as appropriate.

c) Specify the number of analyzed samples that exceed the allowable permit conditions in the columns labeled "N.E." (i.e., number exceeding).

d) Specify frequency of analysis for each parameter as number of analyses/specified period (e.g.,3/month is equivalent to 3 analyses performed every calendar month). If continuous, enter "Cont.". The frequency listed on format is the minimum required.

**3. Test Procedures**

Samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136, unless other test procedures have been specified elsewhere in this permit.

**4. Recording of Results**

For each measurement or sample taken pursuant to the permit, the permittee shall record the following information.

a) The date, exact place, and time of sampling or measurement;

b) The date(s) analyses were performed;

c) The individual(s) who performed the sampling or measurement;

d) The individual(s) who performed the analyses; if a commercial laboratory is used, the name and address of the laboratory;

e) The analytical techniques or methods used, and

f) The results of such analyses. Information not required by the DMR form is not to be submitted to this agency, but is to be retained as required in III.6.

**5. Additional Monitoring by Permittee**

If the permittee monitors any pollutant at any monitoring point specified in this permit more frequently than required by this permit, using approved test procedures or others as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

**6. Records Retention**

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

**7. Definitions**

a) "Daily discharge" means the discharge of a pollutant measured during a calendar day or within any specified period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.

b) "Average monthly discharge limitation" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

c) "Maximum daily discharge limitation" means the highest allowable daily discharge.

d) "Composite Sample" is a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall be two hours.

e) "Grab Sample" is an individual sample collected in less than 15 minutes.

f) "is" = immersion stabilization - a calibrated device is immersed in the effluent stream until the reading is stabilized.

g) The "daily average temperature" means the arithmetic average of temperature measurements made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month, or during the operating month if flows are of shorter duration.

h) The "daily maximum temperature" means the highest arithmetic average of the temperatures observed for any two (2) consecutive hours during a 24 hour day, or during the operating day if flows are of shorter duration.

i) The "monthly average fecal coliform" bacteria is the geometric average of all samples collected during the month.

j) "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or which a relationship to absolute volume has been obtained.

k) "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to pump capabilities, water meters and batch discharge volumes.

l) "Non-contact cooling water" means the water that is contained in a leak-free system, i.e., no contact with any gas, liquid, or solid other than the container for transport; the water shall have no net poundage addition of any pollutant over intake water levels, exclusive of approved anti-fouling agents.

## IV. OTHER REPORTING

**1. Reporting Spills and Accidental Discharges**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to Title 47, Series 11, Section 2 of the West Virginia Legislative Rules promulgated pursuant to Chapter 22, Article 11. Attached is a copy of the West Virginia Spill Alert System for use in complying with Title 47, Series 11, Section 2 of the Legislative rules as they pertain to the reporting of spills and accidental discharges.

**2. Immediate Reporting**

a) The permittee shall report any noncompliance which may endanger health or the environment immediately after becoming aware of the circumstances by using the Agency's designated spill alert telephone number. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

b) The following shall also be reported immediately:
   (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
   (2) Any upset which exceeds any effluent limitation in the permit; and
   (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit shall be reported immediately. This list shall include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.

c) The Director may waive the written report on a case-by-case basis if the oral report has been received in accordance with the above.

d) Compliance with the requirements of IV.2 of this section, shall not relieve a person of compliance with Title 47, Series 11, Section 2.

**3. Reporting Requirements**

a) Planned changes. The permittee shall give notice to the Director of any planned physical alterations or additions to the permitted facility which may affect the nature or quantity of the discharge. Notice is required when:
   (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in Section 13.7.b of Series 10, Title 47; or
   (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under IV.2 of this section.

b) Anticipated noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

c) In addition to the above reporting requirements, all existing manufacturing, commercial, and silvicultural discharges must notify the Director in writing as soon as they know or have reason to believe:
   (1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, or any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
      (A) One hundred micrograms per liter (100 ug/l);
      (B) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitro phenol; and for 2-methyl 4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
      (C) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.9 of Series10, Title 47.
      (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47;
   (2) That any activity has occurred or will occur which would result in any discharge (on a non-routine or infrequent basis) of a toxic which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
      (A) Five hundred micrograms per liter (500 ug/l);
      (B) One milligram per liter (1 mg/l) for antimony;
      (C) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.7 of Series 10, Title 47;
      (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47.
   (3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a routine or frequent basis of that toxic pollutant at levels which exceed five times the detection limit for that pollutant under approved analytical procedure.
   (4) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a non-routine or infrequent basis of that toxic pollutant at levels which exceed ten times the detection limit for that pollutant under approved analytical procedure.

**4. Other Noncompliance**

The permittee shall report all instances of noncompliance not reported under the above paragraphs at the time monitoring reports are submitted. The reports shall contain the information listed in IV.2.a). Should other applicable noncompliance reporting be required, these terms and conditions will be found in Section C of this permit.

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | Units | N.E. | Other Units | | | CEL* | Units | N.E. | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50050 (ML-1) RF-A<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | Continuous | measured |
| 00310 (ML-B) RF-A<br>BOD, 5-Day 20 Deg.C<br>Summer May 1-Oct 31 | Reported | | | | | | | | | | | | |
| | Permit Limits | 2002<br>Avg. Monthly | 4003<br>Max. Daily | Lbs/Day | | N/A | 20<br>Avg. Monthly | 40<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 00310 (ML-B) RF-A<br>BOD, 5-Day 20 Deg.C<br>Winter Nov 1-Apr 30 | Reported | | | | | | | | | | | | |
| | Permit Limits | 3002<br>Avg. Monthly | 6005<br>Max. Daily | Lbs/Day | | N/A | 30<br>Avg. Monthly | 60<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 00530 (ML-A) RF-A<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 3002<br>Avg. Monthly | 6005<br>Max. Daily | Lbs/Day | | N/A | 30<br>Avg. Monthly | 60<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 51012 (ML-K) RF-A<br>BOD,5-day % Rem,dry weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 85<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| 51013 (ML-K) RF-A<br>BOD,5-day %Rem,wet weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 75<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 51014 (ML-K) RF-A<br>Solids,Susp.% Rem,dry weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 85<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| 51015 (ML-K) RF-A<br>Solids,Susp.% Rem,wet weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 75<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| 74055 (ML-A) RF-A<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | 200<br>Mon. Geo. Mean | 400<br>Max. Daily | N/A | Cnts/100m | | 2/month | Grab |
| 00400 (ML-A) RF-A<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 6<br>Inst. Min. | N/A | 9<br>Inst. Max. | N/A | S.U. | | 1/week | Grab |
| 00300 (ML-A) RF-A<br>Dissolved Oxygen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 7<br>Inst. Min. | N/A | N/A | N/A | mg/l | | 2/week | Grab |
| 00610 (ML-A) RF-A<br>Ammonia Nitrogen<br>Summer May 1-Oct 31 | Reported | | | | | | | | | | | | |
| | Permit Limits | 550<br>Avg. Monthly | 1101<br>Max. Daily | Lbs/Day | | N/A | 5.5<br>Avg. Monthly | 11<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00610 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Ammonia Nitrogen | Permit Limits | 1101 Avg. Monthly | 2202 Max. Daily | Lbs/Day | | N/A | 11 Avg. Monthly | 22 Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| Winter Nov 1-Apr 30 | | | | | | | | | | | | | |
| 50060 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Chlorine, Total Residual | Permit Limits | N/A | N/A | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/week | Grab |
| Year Round | | | | | | | | | | | | | |
| 01119 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Copper, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01114 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Lead, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01094 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Zinc, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01002 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Arsenic, Total (as As) | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01113 (ML-A) RF-C<br>Cadmium, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 01032 (ML-A) RF-C<br>Chromium, Hexavalent<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 00718 (ML-A) RF-C<br>Cyanide, Weak Acid Dissociable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 71900 (ML-A) RF-C<br>Mercury, Total (as Hg)<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | ug/l | | 1/6 months | Grab |
| 01074 (ML-A) RF-C<br>Nickel, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 01079 (ML-A) RF-C<br>Silver, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00951 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Fluoride, Total | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| Interim (Initial 24 months) | | | | | | | | | | | | | |
| 00951 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Fluoride, Total | Permit Limits | N/A | N/A | | | N/A | 1.4 Avg. Monthly | 2.6 Max. Daily | N/A | mg/l | | 1/month | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 61426 (ML-B) RF-D | Reported | | | | | | | | | | | | |
| Chronic Tox-Ceriodaphnia Dubia | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUc | | 1/year | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 61428 (ML-B) RF-D | Reported | | | | | | | | | | | | |
| Chronic Toxicity - Pimephales | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUc | | 1/year | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 38693 (ML-A) RF-B | Reported | | | | | | | | | | | | |
| Bromodichloromethane | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| Year Round | | | | | | | | | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 085
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 085
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-B | Reported | | | | | | | | | | | | |
| Iron, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |
| 81017 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Chem. Oxygen Demand | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |
| 00552 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Oil and Grease, Hexane EXTR. | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 086
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | N/A | mgd | | 1/quarter | Estimated |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | N/A | Cnts/100m | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | | | | | |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | N/A | S.U. | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | | | | | |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 086
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 087
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 087
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 088
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 088
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Iron, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |
| 81017 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Chem. Oxygen Demand | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |
| 00552 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Oil and Grease, Hexane EXTR. | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 089
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 089
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00400 (ML-+) RF-B<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | N/A | Rpt Only<br>Maximum | N/A | S.U. | | 1/quarter | Grab |
| 61521 (ML-+) RF-B<br>Arsenic, Sludge Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78476 (ML-+) RF-B<br>Cadmium,Sludge,Tot Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78473 (ML-+) RF-B<br>Chromium, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78475 (ML-+) RF-B<br>Copper,Sludge,Tot,Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78468 (ML-+) RF-B<br>Lead, Dry. Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 78471 (ML-+) RF-B<br>Mercury, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78465 (ML-+) RF-B<br>Molybdenum,Dry Wgt<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78469 (ML-+) RF-B<br>Nickel, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 49031 (ML-+) RF-B<br>Selenium,Sludge,Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78467 (ML-+) RF-B<br>Zinc, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 00916 (ML-+) RF-B<br>Calcium, Total (as Ca)<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | Units | N.E. | Other Units | | | CEL* | Units | N.E. | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61553 (ML-+) RF-B<br>Solids, Total Sludge Percent<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | Rpt Only<br>Avg. | Rpt Only<br>Maximum | N/A | Percent | | 1/quarter | 1 Week Comp |
| 78472 (ML-+) RF-B<br>Potassium, Sludge Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78478 (ML-+) RF-B<br>Phosphorus,Sludge,Tot,Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 82294 (ML-+) RF-B<br>Nitrogen, Ammonia Tot. DW<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78470 (ML-+) RF-B<br>Nitrogen, Sludge Tot. Dry Wt<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 51020 (ML-+) RF-B<br>Organic Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00927 (ML-+) RF-B | Reported | | | | | | | | | | | | |
| Magnesium,Tot (as Mg) Year Round | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

# SEWAGE SLUDGE MANAGEMENT REPORT

FACILITY NAME: (Clarksburg Saintary Board)CLARKSBURG SANITARY BD
ADDRESS: 222 West Main St, Clarksburg, WV 26301

DESIGN FLOW: 8,000,000 gpd
YEAR: _____
MONTH: _____

PERMIT NUMBER: WV0023302
MONITORING FREQUENCY: _____
LAST SAMPLE DATE: _____

Total Sludge Generated this Report Period: (Dry Tons) _____
Sludge Generated this Year to Date: (Dry Tons) _____
Sewage Sludge/Domestic Septage Received: (Gallons) _____

Disposal Method: _____
Amount Disposed: (Dry tons) _____
Name of Landfill or Compost Facility : _____

**Percent Solids:** Average: _____ Measurement Frequency: _____ Number of Loads Landfilled With Less Than 20% Solids: _____

**Pathogen Reduction Method:**

- ☐ Not Applicable. No land application of sewage sludge.
- ☐ Fecal Coliform Monitoring: Geometric mean of last seven samples is _____ col/dry gram
  **Sample results for this report period were:** _____ col/dry gram _____ col/dry gram
- ☐ Lime Addition: pH of sample two hours after lime addition: Range _____
- ☐ Aerobic Digestion: Average detention time for this report period:(days) _____
  Digester Temperature: Average _____ Range _____
- ☐ Anaerobic Digestion: Average detention time for this report period:(days) _____
  Digester Temperature: Average _____ Range _____
- ☐ Other: (Provide Description) _____

**NE: Number of loads land applied which did not fully meet pathogen reduction requirements:** _____

**Vector Attraction Reduction Method:**

- ☐ Not Applicable. No land application of sewage sludge.
- ☐ 38% Volatile Solids Reduction: Average volatile solids reduction for the month of _____ was _____ percent
- ☐ SOUR: The average Specific Oxygen Uptake rate for the month of _____ was _____ mg Oxygen/hour/dry gram
- ☐ Lime Addition: pH of sample two hours after lime addition: Range _____
  pH of sample 24 hours after lime addition: Range _____
- ☐ Other: (Provide Description) _____

**NE: Number of loads land applied which did not fully meet vector attraction reduction requirements:** _____

***I certify under penalty of law that the management practices, vector attraction reduction requirements, and the pathogen reduction requirements of Federal regulations 40 CFR Part 503 and State Regulation Title 33, Series 2 have been met for all sewage sludge land applied during this report period. This determination has been made under my supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate information used to determine these requirements have been met. I also certify that this document and all the attachments were prepared under my direction or supervision, and that the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are penalties for false certification including the possibility of fine and imprisonment.***

OFFICIAL _____ TITLE _____

SIGNATURE _____ DATE _____

Additional Comments or Explanation:

**EMERGENCY RESPONSE SPILL ALERT SYSTEM**
**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**REQUIREMENTS:**

Title 47, Series 11, Section 2 of the West Virginia Legislative Rules, Environmental Protection, Water Resources - Waste Management, Effective July 1, 1994.

**RESPONSIBILITY FOR REPORTING:**

Each and every person who may cause or be responsible for any spill or accidental discharge of pollutants into the waters of the State shall give immediate notification to the Division of Water and Waste Management's Emergency Notification Number, 1-800-642-3074. Such notification shall set forth insofar as possible and as soon thereafter as practical the time and place of such spill or discharge, type or types and quantity or quantities of the material or materials therein, action or actions taken to stop such spill or discharge and to minimize the polluting effect thereof, the measure or measures taken or to be taken in order to prevent a recurrence of any such spill or discharge and such additional information as may be requested by the Division of Water and Waste Management. This also applies to spills to the waters of the State resulting from accidents to common carriers by highway, rail and water.

It shall be the responsibility of each industrial establishment or other entity discharging directly to a stream to have available the following information pertaining to those substances that are employed or handled in its operation in sufficiently large amounts as to constitute a hazard in case of an accidental spill or discharge into a public stream:

(1) Potential toxicity in water to man, animals and aquatic life;
(2) Details on analytical procedures for the quantitative estimation of such substances in water and
(3) Suggestions on safeguards or other precautionary measures to nullify the toxic effects of a substance once it has gotten into a stream.

Failure to furnish such information as required by Section 14, Article 11, Chapter 22, Code of West Virginia may be punishable under Section 24, Article 11, Chapter 22, and/or Section 22, Article 11, Chapter 22, Code of West Virginia.

It shall be the responsibility of any person who causes or contributes in any way to the spill or accidental discharge of any pollutant or pollutants into State waters to immediately take any and all measures necessary to contain such spill or discharge. It shall further be the responsibility of such person to take any and all measures necessary to clean-up, remove and otherwise render such spill or discharge harmless to the waters of the State.

When the Director determines it necessary for the effective containment and abatement of spills and accidental discharges, the Director may require the person or persons responsible for such spill or discharge to monitor affected waters in a manner prescribed by the Director until the possibility of any adverse effect on the waters of the State no longer exists.

**VOLUNTARY REPORTING BY LAW OFFICERS, U. S. COAST GUARD, LOCK MASTERS AND OTHERS:**

In cases involving river and highway accidents where the responsible party may or may not be available to report the incident, law officers, U. S. Coast Guard, Lock Masters and other interested person(s) should make the report.

<u>WHO TO CONTACT:</u>
Notify the following number: **1-800-642-3074**

<u>INFORMATION NEEDED:</u>
- Source of spill or discharge
- Location of incident
- Time of incident
- Material spilled or discharged
- Amount spilled or discharged
- Toxicity of material spilled or discharged
- Personnel at the scene
- Actions initiated
- Shipper/Manufacturer identification
- Railcar/Truck identification number
- Container type

## NOTICE TO PERMITTEES

The 1999 regular session of the West Virginia legislature revised the Water Pollution Control Act, Chapter 22, Article 11, Section 10 of the Code of West Virginia relating to fees associated with permits. This section of the Code requires all holders of a State water pollution control permit or a national pollutant discharge elimination system permit to be assessed an annual permit fee, based upon rules promulgated by the Secretary of the Department of Environmental Protection. The Secretary has promulgated a final rule in accordance with the code revision to this effect and these rules were effective May 4, 2000. The rules establish an annual permit fee based upon the relative potential to degrade the waters of the State which, in most instances, relate to volume of discharge. However, for sewage facilities, the annual permit fee is based upon the number of customers served by the facility. You may contact the Secretary of State's Office, State Capitol Building, Charleston, WV 25305, to obtain a copy of the rules. The reference is Title 47, Legislative Rules, Department of Environmental Protection, Division of Water Resources, Series 26 Water Pollution Control Permit Fee Schedules.

Based upon the volume of discharge for which your facility is currently permitted, the number of customers served by your facility or for the category you fall within, pursuant to Section 7 of Title 47, Series 26, your annual permit fee is **$2500.00**. This fee is due no later than the anniversary date of permit issuance in each year of the term of the permit or in the case of coverage under a general permit, the fee is due no later than the anniversary date of your coverage under the general permit. **You will be invoiced by this agency at the appropriate time for the fee**. Failure to submit the annual fee within ninety(90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect.

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**DIVISION OF WATER AND WASTE MANAGEMENT**

# FACT SHEET

**1. NAME AND ADDRESS OF APPLICANT**

CLARKSBURG SANITARY BD
222 WEST MAIN ST
CLARKSBURG, WV 26301

**2. NAME AND ADDRESS OF FACILITY**

Clarksburg Saintary Board
WEST FK ST
CLARKSBURG, WV 26301

**3. STATE NPDES APPLICATION NO.** WV0023302

**4. COUNTY** Harrison

**RECEIVING STREAM** West Fork River

**5. PUBLIC NOTICE NO.** L-28-25

**COMMENT PERIOD:** From 03/28/2025 To 04/27/2025

**6. SIC CODE(s)** 4952

**7. DESCRIPTION OF APPLICANT'S FACILITY OR ACTIVITY**

To operate and maintain an existing combined wastewater collection system comprised of approximately 75 miles of gravity sewer lines ranging from eight (8) inches to 48 inches in diameter, necessary manholes and cleanouts, five (5) lift stations, necessary force mains, and all requisite appurtenances, and an existing 8.0 million gallons per day activated sludge wastewater treatment plant comprised of two (2) mechanical bar screens, a fine bar screen, a vortex grit removal chamber and classifier, three (3) primary clarifiers, six (6) aeration basins, three (3) secondary clarifiers, three (3) chlorine contact tanks, dechlorination facilities, a gravity sludge thickener, a two (2) meter sludge dewatering belt press, a septage receiving station, and all requisite appurtenances.

To operate and maintain disposal systems, best management practices, and the nine (9) minimum controls for the direct discharge of sanitary wastewater and storm water from Combined Sewer Overflows.

To operate and maintain disposal systems and best management practices for the discharge of untreated storm water from the wastewater treatment plant site.

To implement a Publicly Owned Treatment Works (POTW) Pretreatment Program.

To implement the requirements of Title 33, Series 2 of the West Virginia Legislative Rules for the handling and processing of sludge generated by the wastewater treatment plant.

**8. DESCRIPTION OF DISCHARGES(as reported by applicant):**

**Effluent Characteristics For Outlet No. 001**

| | | | Quantity | | | Other Units | | | |
|---|---|---|---|---|---|---|---|---|---|
| Parameter | ML Code | Season | Monthly Avg | Max | Units | Min | Monthly Avg | Max | Units |
| Ammonia Nitrogen | A | Summer May 1-Oct 3 | 5.97 | 122.00 | Lbs/Day | | 1.76 | 25.00 | mg/l |
| Ammonia Nitrogen | A | Winter Nov 1-Apr 30 | 55.64 | 252.00 | Lbs/Day | | 1.01 | 3.14 | mg/l |
| Arsenic, Total (as As) | A | Year Round | | | | | 0.0012 | 0.0016 | mg/l |
| BOD, 5-Day 20 Deg.C | B | Summer May 1-Oct 3 | 237.47 | 452.00 | Lbs/Day | | 3.07 | 7.00 | mg/l |
| BOD, 5-Day 20 Deg.C | B | Winter Nov 1-Apr 30 | 774.07 | 2013.80 | Lbs/Day | | 8.07 | 27.00 | mg/l |
| BOD,5-day % Rem,dry wea | K | Year Round | | | | 87.00 | | | Percent |
| BOD,5-day %Rem,wet wea | K | Year Round | | | | 82.00 | | | Percent |
| Cadmium, Total Recoverab | A | Year Round | | | | | 0.0002 | 0.0002 | mg/l |
| Chlorine, Total Residual | A | Year Round | | | | | <0.032 | <0.032 | mg/l |
| Chromium, Hexavalent | A | Year Round | | | | | 0.0005 | 0.00113 | mg/l |
| Chronic Tox-Ceriodaphnia I | B | Year Round | | | | | <1 | <1 | TUc |
| Chronic Toxicity - Pimephal | B | Year Round | | | | | <1 | <1 | TUc |
| Coliform, Fecal | A | Year Round | | | | | 20.06 | 147.00 | Cnts/100ml |
| Copper, Total Recoverable | A | Year Round | | | | | 0.0025 | 0.0037 | mg/l |
| Cyanide, Weak Acid Dissoc | A | Year Round | | | | | <0.005 | <0.005 | mg/l |
| Dissolved Oxygen | A | Year Round | | | | 7.02 | | | mg/l |
| Flow,in Conduit or thru plar | 1 | Year Round | | | | 1.10 | 5.81 | 13.86 | mgd |
| Fluoride, Total | A | Year Round | | | | | 1.91 | 6.70 | mg/l |
| Lead, Total Recoverable | A | Year Round | | | | | 0.0003 | 0.0005 | mg/l |
| Mercury, Total (as Hg) | A | Year Round | | | | | 0.0024 | 0.01 | ug/l |
| Nickel, Total Recoverable | A | Year Round | | | | | 0.0017 | 0.002 | mg/l |
| pH | A | Year Round | | | | 6.48 | | 7.94 | S.U. |
| Silver, Total Recoverable | A | Year Round | | | | | 0.0006 | 0.0025 | mg/l |
| Solids,Susp.% Rem,dry we | K | Year Round | | | | 92.00 | | | Percent |
| Solids,Susp.% Rem,wet we | K | Year Round | | | | 86.00 | | | Percent |
| Total Suspended Solids | A | Year Round | 288.02 | 1390.41 | Lbs/Day | | 5.66 | 41.00 | mg/l |
| Zinc, Total Recoverable | A | Year Round | | | | | 0.02 | 0.03 | mg/l |

**Effluent Characteristics For Outlet No. 085**

| | | | Quantity | | | Other Units | | | |
|---|---|---|---|---|---|---|---|---|---|
| Parameter | ML Code | Season | Monthly Avg | Max | Units | Min | Monthly Avg | Max | Units |
| Ammonia Nitrogen | 1 | Year Round | | | | | 0.48 | 0.48 | mg/l |

**8. DESCRIPTION OF DISCHARGES(as reported by applicant) - continue:**

**Effluent Characteristics For Outlet No. 085**

| | | | Quantity | | | Other Units | | | |
|---|---|---|---|---|---|---|---|---|---|
| Parameter | ML Code | Season | Monthly Avg | Max | Units | Min | Monthly Avg | Max | Units |
| BOD, 5-Day 20 Deg.C | 1 | Year Round | | | | | 21.00 | 21.00 | mg/l |
| Chem. Oxygen Demand | 1 | Year Round | | | | | 53.60 | 53.60 | mg/l |
| Coliform, Fecal | 1 | Year Round | | | | | 298.0 | 380.00 | Cnts/100ml |
| Flow,in Conduit or thru plar | 1 | Year Round | | | | | 6.68 | 11.01 | mgd |
| Iron, Total Recoverable | 1 | Year Round | | | | | 2.56 | 5.85 | mg/l |
| Oil and Grease, Hexane E) | 1 | Year Round | | | | | 0.85 | 0.85 | mg/l |
| pH | 1 | Year Round | | | | 7.01 | | 7.01 | S.U. |
| Total Suspended Solids | 1 | Year Round | | | | | 49.00 | 49.00 | mg/l |

**Effluent Characteristics For Outlet No. 087**

| | | | Quantity | | | Other Units | | | |
|---|---|---|---|---|---|---|---|---|---|
| Parameter | ML Code | Season | Monthly Avg | Max | Units | Min | Monthly Avg | Max | Units |
| Coliform, Fecal | 1 | Year Round | | | | | 120.00 | 160.00 | Cnts/100ml |
| Flow,in Conduit or thru plar | 1 | Year Round | | | | | 5.88 | 10.09 | mgd |

**Effluent Characteristics For Outlet No. 088**

| | | | Quantity | | | Other Units | | | |
|---|---|---|---|---|---|---|---|---|---|
| Parameter | ML Code | Season | Monthly Avg | Max | Units | Min | Monthly Avg | Max | Units |
| Coliform, Fecal | 1 | Year Round | | | | | 30.10 | 60.00 | Cnts/100ml |
| Flow,in Conduit or thru plar | 1 | Year Round | | | | | 5.88 | 10.09 | mgd |

**9. PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

Refer to attached Section A and DMR pages of the Draft Permit.

**10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

For the purposes of this Fact Sheet, the following abbreviations shall apply:

a) "WVLR" refers to the West Virginia Legislative Rules of the Department of Environmental Protection, 47 CSR 2, 10, and 11.

**10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)**

b) "WQBELs" refers to Water Quality-Based Effluent Limitations. A value determined by selecting the most stringent of the effluent limits calculated using all applicable water quality criteria for a specific point source to a specific receiving water for a given pollutant.

c) "WLA" refers to Wasteload Allocation as outlined in 47 CSR 11-6 and 47 CSR 11A.

d) "DO Sag" refers to the dissolved oxygen sag requirements of the receiving stream as protected with the wasteload allocation.

e) "WQC' refers to West Virginia Water Quality Criteria as outlined in 47 CSR-2-8 of the WVLR.

f) "STS" refers to the Secondary Treatment Standards as outlined in 40 CFR 133.

g) "BPJ" refers to Best Professional Judgement. This is a method used by permit writers to develop technology-based NPDES Permit conditions on a case-by-case basis using all reasonably available and relevant data.

h) "BMP" refers to Best Management Practice. Permit condition used in place of or in conjunction with effluent limitations to prevent or control the discharge of pollutants. May include schedule of activities, prohibition of practices, maintenance procedure, or other management practice. BMPs may include, but are not limited to, treatment requirements, operating procedures, or practices to control plant site runoff, spillage, leaks, sludge or waste disposal, or drainage from raw material storage.

i) "TMDL" refers to Total Maximum Daily Load. The amount of pollutant, or property of a pollutant, from point, nonpoint, and natural background sources, that may be discharged to a water quality-limited receiving water. Any pollutant loading about the TMDL results in violation of applicable water quailty standards.

Permit conditions are based on the applicable West Virginia State Water Quality Standards and as outlined in 47 CSR-2-8 of the WVLR and the WLA.

The most stringent criteria (WV WQC or DO Sag) was imposed for pollutants which had one (1 ) or more of these criteria.

Receiving Waters and Water Use Classification

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The receiving water is the West Fork River in the vicinity of Mile Point 28.6.
7Q10: 55 cfs
Design Flow: 8 million gallons per day
Instream Waste Concentration: 18.4 %
Assumed Temperature for WQBELS: 27 degrees C
pH: 7.57 S.U.
Hardness: 213 mg/l

The West Fork River is not included in the approved 2016 303(d) list of impairments. A Total Maximum Daily Load (TMDL) was developed for the West Fork River watershed in 2014 for aluminum, pH, fecal coliform, chloride, and iron. The TMDL contains specific wasteload allocations for fecal coliform of 200 counts/100mL for Outlets Nos. 001, 085, 086, 087, 088, 089, and the CSO outlets identified in this permit. The TMDL also

**10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)**

prescribes a specific wasteload allocation for iron of 1.5 mg/l for this individual permit. Effluent discharge limitations in the permit are protective of water quality and any applicable allocations prescribed by the TMDL.

Outlet 001 WQBELs

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Background data for the West Fork River was obtained from WVDEP's Watershed Assessment Branch. A reasonable potential (RP) analysis was performed utilizing the stream hardness and effluent data collected during the previous permit cycle. Default mixing zone dilutions of 3 (ZID), 5 (CMZ), and 14 (HHMZ) were granted for parameters where background stream water quality data was available. No mixing zone could be granted for hexavalent chromium and fluoride as no receiving stream background data was available.

There was no reasonable potential to exceed the water quality criteria at the end of pipe for arsenic, cadmium, copper, lead, free cyanide, mercury, nickel, silver, hexavalent chromium, and zinc. Continued monitoring is imposed for those parameters in Section A.001.

There was reasonable potential to exceed the water quality criteria at the end of pipe for fluoride. Therefore, effluent limits are imposed for fluoride in Section A.001. A review of discharge monitoring report (DMR) data shows the permittee cannot immediately comply with the proposed effluent limitations for fluoride. Therefore, a 24-month compliance schedule has been granted in Section B.

A reasonable potential analysis was performed for the evaluation of ammonia nitrogen. The effluent limits necessary to protect dissolved oxygen water quality criteria are more stringent than the water quality based effluent limits.

Outlet 001 (BOD, TSS, DO, Ammonia Nitrogen, and pH)

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Biochemical oxygen demand (BOD)/Winter limitations, total suspended solids (TSS), and pH effluent discharge limitations are prescribed in accordance with secondary treatment standards (STS) for publicly owned treatment works (POTWs), as present in 40 CFR 133. BOD/Summer limitations, ammonia nitrogen, and dissolved oxygen effluent limits are prescribed in accordance with the modeled wasteload allocation to protect dissolved oxygen water quality criteria in the receiving stream. The ammonia nitrogen limitations are further protective of the ammonia nitrogen water quality criteria.

Outlet 001 (BOD and TSS % Removals)

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The permittee operates and maintains an existing combined sewer system. Permittees are required by the Combined Sewer Overflow program to maximize flow through the wastewater treatment plants during periods of wet weather flow events. The permittee was originally granted a TSS overall percent removal of 75 percent. This was reestablished with the dry weather/wet weather concept to be 85 percent dry weather and monitor only for wet weather during the previous permits. A review of wet weather TSS percent removal data indicates that the permittee can attain a wet weather limit of 75 percent and this wet weather limit has been imposed in the permit. Additionally, based on previously provided DMR data, the WVDEP believes that the continued implementation of the alternate requirement for dry weather BOD percent removal is appropriate. A review of wet weather BOD percent removal data indicates that the permittee can attain a wet weather limit of 75 percent and this wet weather limit has been imposed in the permit.

Outlet 001 Fecal Coliform

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**10. RATIONALE FOR PROPOSED EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)**

Effluent discharge limitations are technology based. The Agency believes that a properly sized and operated disinfection system can comply with these limitations. It is also protective of the water quality standards and the TMDL. Over the term of the permit, the permittee is allowed one (1) excursion at Outlet 001 of the maximum daily fecal coliform effluent limitation prescribed in Section A.001. The number of allowed excursions is based upon one (1) percent of the number of self-monitoring events outlined in Section C of the draft permit.

Outlet 001 (Total Residual Chlorine)

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Reasonable potential is assumed since permittee utilizes a chlorination/dechlorination system for disinfection. Effluent limitations have been imposed for TRC in Section A.001 to be protective of water quality criteria with consideration of the default mixing zone noted previously.

Outlet 001 (Whole Effluent Toxicity)

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The permittee monitored Outlet No. 001 for Chronic Whole Effluent Toxicity (Ceriodaphnia Dubia and Pimephales Promelas) during the term of the last permit. The test endpoint for chronic toxicity testing is the No Observed Effect Concentration (NOEC). Monitoring indicated five values of <1 TUc for both Ceriodaphnia Dubia and Pimephales Promelas. Using the procedures in EPA's Technical Support Document for Water Quality Based Toxics Control (TSD), a reasonable potential (RP) assessment was performed on the Chronic Whole Effluent Toxicity (WET) results. The agency uses 0.3 TUa as an acute water quality criterion and 1.0 TUc as a chronic water quality criterion to be protective of WV's narrative water quality standards. There was no reasonable potential to exceed water quality criteria at the end of pipe for Ceriodaphnia Dubia and Pimephales Promelas. Therefore, continued monitoring on an annual basis has been imposed for these parameters in Section A.001 of the draft permit. Additional information concerning WET testing and specific requirements are provided in Section C.

Outlets 085, 086, 087, 088 and 089 (Storm Water)

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The permittee shall continue to monitor the discharge from storm water Outlet Nos. 085, 086, 087, 088, and 089 for flow, pH, TSS, BOD, COD, oil and grease, ammonia nitrogen, iron, and fecal coliform. Monitoring is proposed in accordance with the storm water benchmark provisions in order to evaluate the effectiveness of the facility's SWPPP. The permittee reported no flow for 086 and 089 for the duration of the permit cycle and only reported limited results for 085, 087 and 088. Additional information regarding storm water monitoring requirements is included in Section C.

**11. RATIONALE FOR VARIANCE DECISIONS**

N/A

**12. DETAILED DESCRIPTION OF LOCATION OF DISCHARGE(s)**

| Outlet No. | Latitude | Longitude | Receiving Stream |
|---|---|---|---|
| 001 | 39°18'24" | 80°21'06" | WEST FORK RV |
| 085 | 39°18'16" | 80°21'01" | WEST FORK RV |
| 086 | 39°18'15" | 80°21'02" | WEST FORK RV |
| 087 | 39°18'11" | 80°21'04" | WEST FORK RV |

**12. DETAILED DESCRIPTION OF LOCATION OF DISCHARGE(s)**

| Outlet No. | Latitude | Longitude | Receiving Stream |
|---|---|---|---|
| 088 | 39°18'09" | 80°21'06" | WEST FORK RV |
| 089 | 39°18'08" | 80°21'07" | WEST FORK RV |
| C002 | 39°18'06" | 80°21'08" | WEST FORK RV |
| C003 | 39°17'59" | 80°21'10" | WEST FORK RV |
| C004 | 39°17'30" | 80°21'14" | WEST FORK RV |
| C004B | 39°17'18" | 80°21'10" | WEST FORK RV |
| C005 | 39°17'01" | 80°21'28" | WEST FORK RV |
| C006 | 39°16'58" | 80°21'25" | WEST FORK RV |
| C007 | 39°16'53" | 80°21'24" | WEST FORK RV |
| C008 | 39°16'13" | 80°21'22" | WEST FORK RV |
| C009 | 39°16'51" | 80°21'11" | WEST FORK RV |
| C010 | 39°16'18" | 80°21'19" | WEST FORK RV |
| C011 | 39°16'51" | 80°21'10" | WEST FORK RV |
| C012 | 39°16'33" | 80°21'23" | WEST FORK RV |
| C013 | 39°16'38" | 80°21'06" | WEST FORK RV |
| C014 | 39°16'41" | 80°21'05" | WEST FORK RV |
| C015 | 39°16'50" | 80°20'57" | WEST FORK RV |
| C016 | 39°16'42" | 80°21'00" | WEST FORK RV |
| C017 | 39°17'12" | 80°20'36" | ELK CK |
| C018 | 39°16'47" | 80°20'58" | WEST FORK RV |
| C019 | 39°17'00" | 80°20'30" | ELK CK |
| C020 | 39°16'55" | 80°21'06" | ELK CK |
| C021 | 39°16'59" | 80°20'27" | ELK CK |
| C022 | 39°17'04" | 80°21'08" | ELK CK |
| C023 | 39°16'58" | 80°20'25" | ELK CK |
| C025 | 39°16'56" | 80°20'21" | ELK CK |
| C027 | 39°16'55" | 80°20'17" | ELK CK |
| C028 | 39°17'05" | 80°21'06" | ELK CK |
| C030 | 39°17'09" | 80°20'33" | ELK CK |
| C033 | 39°16'55" | 80°20'04" | ELK CK |
| C034 | 39°16'50" | 80°20'04" | ELK CK |

**12. DETAILED DESCRIPTION OF LOCATION OF DISCHARGE(s)**

| Outlet No. | Latitude | Longitude | Receiving Stream |
|---|---|---|---|
| C036 | 39°16'43" | 80°20'05" | ELK CK |
| C038 | 39°16'40" | 80°20'05" | ELK CK |
| C040 | 39°16'33" | 80°20'06" | ELK CK |
| C042 | 39°16'28" | 80°20'10" | ELK CK |
| C044 | 39°16'19" | 80°20'04" | ELK CK |
| C045 | 39°16'43" | 80°20'06" | ELK CK |
| C046 | 39°16'20" | 80°20'04" | ELK CK |
| C047 | 39°16'40" | 80°20'06" | ELK CK |
| C049 | 39°16'38" | 80°20'06" | ELK CK |
| C050 | 39°16'21" | 80°20'03" | ELK CK |
| C051 | 39°16'36" | 80°20'06" | ELK CK |
| C052 | 39°16'25" | 80°20'00" | ELK CK |
| C053 | 39°16'26" | 80°20'12" | ELK CK |
| C057 | 39°16'34" | 80°19'44" | ELK CK |
| C060 | 39°16'29" | 80°19'50" | ELK CK |
| C062 | 39°16'33" | 80°19'44" | ELK CK |
| C064 | 39°16'33" | 80°19'29" | ELK CK |
| C065 | 39°16'05" | 80°19'30" | ELK CK |
| C067B | 39°16'02" | 80°19'17" | ELK CK |
| C069 | 39°16'20" | 80°21'16" | WEST FORK RV |
| C072 | 39°16'16" | 80°19'19" | ELK CK |
| C073 | 39°16'14" | 80°21'20" | WEST FORK RV |
| C077 | 39°16'53" | 80°21'09" | WEST FORK RV |
| C078 | 39°16'32" | 80°21'04" | WEST FORK RV |
| C081 | 39°17'42" | 80°21'30" | WEST FORK RV |
| C082 | 39°17'12" | 80°21'20" | WEST FORK RV |
| S01 | 39°18'24" | 80°21'06" | N/A |

**13. ANTIDEGRADATION**

Outlet No. 001 identified in this permit is an existing outlet. There is no increase in the average design flow. The permittee has exhibited compliance with the previously established permit effluent discharge limitations. The receiving stream, West Fork River, is designated for the all water use categories as defined in 47 CSR 2, Section 6. The permit writer believes that the terms and conditions proposed in this draft permit will maintain and protect the designated water uses of the receiving stream as well as the

**13. ANTIDEGRADATION (continued)**

level of water quality necessary to protect said water uses.

Tier 1 protection shall be afforded for the uses specified in Title 47, Series 2 , Section 6 for the Combined Sewer Overflow Outlets through implementation of the facility's Long-term Control Plan.

The storm water regulated under this permit is BMP based. A storm water pollution prevention plan was developed and is being implemented. The storm water outlets identified in this permit are existing outlets. There are no proposed increases in the volume of discharges, or the quantity of pollutants to be discharged. The receiving stream is designated for all water use categories as defined in 47 CSR 2, Section 6. Tier 1 protection shall be afforded for the uses specified in Title 47, Series 2 , Section 6 for through the storm water requirements impsoed in the permit. The permit writer believes the terms and conditions in the permit will maintain and protect the designated water uses and necessary water quality to protect said water uses.

**14. OTHER REQUIREMENT(s)**

A. DISCUSSION OF OTHER ENTITIES

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The City of Clarksburg's wastewater treatment plant accepts wastewater conveyed from the Town of Anmoore, the Town of Stonewood, the Town of Nutter Fort, the East View Public Service District, the Summit Park Public Service District, the Sun Valley Public Service District, and a portion of the Greater Harrison Public Service District, for subsequent treatment and discharge. Only the treatment of this wastewater is considered a part of the procedures being implemented, herein. These entities hold separate WV/NPDES Water Pollution Control Permits for the operation and maintenance of their respective wastewater collection systems.

B. RATIONALE FOR PROPOSED SLUDGE MANAGEMENT REQUIREMENTS

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Chapter 22, Article 15, Section 20(b) of the West Virginia Code required the establishment of appropriate rules for sewage sludge. This resulted in the promulgation of Title 33, Series 2 of the West Virginia Legislative Rules, entitled "Sewage Sludge Management Regulations." Appropriate terms and conditions instituted by these legislative rules have been incorporated in the draft Permit, in Section D, thereunder, for implementation. Sewage sludge generated and/or processed at the permittee's facility shall be disposed of at a sanitary landfill by placing the sewage sludge in the landfill cell.

C. 303(d) IMPAIRED STREAMS LIST AND TMDLs

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The receiving stream, West Fork River, for Outlet Nos. C002, C003, C004, C004B C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, C016, C018, C069, C073, C077, C078, C081, and C082 had TMDLs developed in July 2014 for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

The receiving stream, Elk Creek, for Outlet Nos. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, 040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C067B, and C072 had TMDLs developed in July 2014 for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

**14. OTHER REQUIREMENT(s) (continued)**

Disinfection is provided at the wastewater treatment plant. Technology based limits that are also protective of water quality standards are prescribed in the permit. Therefore, compliance is already instituted.

Appropriate conditions must be incorporated into the CSO LTCP materials to institute compliance as part of the implementation of the LTCP.

D. COMBINED SEWER SYSTEM OVERFLOW (CSO) OUTLETS

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The combined sewer wastewater collection system owned and operated by the permittee contains 55 combined sewer overflow (CSO) relief points. Combined sewer overflows (CSOs) are allowed only when flows in the combined sewers exceed the conveyance capacity of the sewage collection system and/or treatment capacity of the WWTP during wet weather periods. Wet weather shall be defined for this requirement as any period of time in which flows within the combined sewer system, or portion thereof, are being substantially influenced by rainfall, snowmelt and/or other natural phenomena. Dry weather overflow events from any CSO are prohibited. The permittee's revised Long-term Control Plan (LTCP) was approved by the Division, on April 29, 2010. This document was established resultant to the new LTCP Implementation Policy, dated May 4, 2006.

Compliance with the Combined Sewer Overflow implementation requirements shall be attained through Administrative Order No. 8260, issued the 19th day of May 2015, and any ammendments, thereto. Amendment No. 1 was issued May 9, 2023 to recognize revisions to the LTCP Implementation Schedule.

CSO Outlets C043 and C066 were eliminated as part of Modification No. 1 issued March 11, 2022.

The permittee has selected a presumptive approach to ensure that the planning, design and implementation of CSO management practices and controls to meet the requirement of the Clean Water Act (CWA), the 1994 USEPA Combined Sewer Overflow (CSO) Control Policy and other USEPA guidance documents, and West Virginian's CSO Long-term Control Plan Implementation Policy. In general, the permittee intends to eliminate and/or reduce the discharge(s) from CSO outfalls through other construction projects on the system. The facility has provided an Implementation Schedule for numerous construction projects as part of its LTCP. The permittee has split these projects into a phased approach and will conduct post-construction monitoring to evaluate the effectiveness of the projects throughout the process. These projects shall be completed to meet the requirements of the CWA, the 1994 USEPA CSO Control Policy, and the WV CSO LTCP Policy on, or before, December 31, 2042.

This permit shall incorporate, and prescribed, the minimum relevant requirements relative to attaining compliance, and continuing attainment, with the terms and conditions of the Federal Combined Sewer Overflow Policy and the State Combined Sewer Overflow Strategy.

The agency recognizes that the LTCP is a dynamic plan and that the approved LTCP as well as the requirements in Administrative Order No. 8260 may have to be amended in the future.

E. DISCUSSION OF PRETREATMENT PROGRAM IMPLEMENTATION REQUIREMENTS

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The permittee is required by 40 CFR Part 403 and Title 47, Series 10, Section 14 of the Legislative Rules to implement a Publicly Owned Treatment Works Pretreatment Program to control industrial users of its

**14. OTHER REQUIREMENT(s) (continued)**

system. The permittee obtained program approval in February 1985, and approval of the program modification in November 1987, in January 1992, on April 26, 2007, and on March 15, 2011.

The draft permit proposes various program implementation requirements in Section E. They require the permittee to permit Significant Industrial Users, annually inspect Significant Industrial Users, annually analyze the discharges of Significant Industrial Users, routinely assess the compliance status of Significant Industrial Users, take timely and appropriate enforcement against noncompliant Significant Industrial, analyze the Publicly Owned Treatment Works influent, effluent, and Sludge, and submit an annual report to the Division. The program implementation requirements are similar to those contained in the previous Permit. They are based upon the requirements of 40 CFR Part 403.8. The permittee currently has eight permitted industrial users (4 of these are SIUs). Local limits were reviewed as part of this permit reissuance using a combined permitted flow from the 8 industrial users of 0.485 MGD. No revisions to the local limits were necessary as the existing local limits are protective of pass through, interference, inhibition, and sludge disposal criteria.

F. PRIORITY POLLUTANT COLLECTION, SAMPLING, AND SUBMISSION

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The permittee performed and submitted analytical results for priority pollutants identified in Appendix J, Table 2 of 40 CFR Part 122 which is necessary to be provided as a part of a permit application for major facilities. A review of the data showed detectable quantities of dibromochloromethane. Monitoring for bromodichloromethane has been added to Section A.001 of the permit. The Division has included a Section C condition in the permit to address these required testing for the next permit application submission.

G. COMPLIANCE HISTORY

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The permittee has not been sampling storm water Outlets 085-089 as required by the previous permit. Environmental Enforcement issued a notice of violation (NOV) on 4-7-22 to address this issue. However, the permittee is still not sampling and reporting results on DMRs. This information has been relayed to Environmental Enforcement for further action. The permittee has shown no other significant compliance issues with the terms, conditions, and limitations of the previous permit.

H. BACKSLIDING

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Section 402(o)(1) of the Clean Water Act prohibits the relaxation of effluent limitations. Sections 402(o)(2) and 303(d)(4) prescribe certain exceptions to the prohibition of the relaxation of effluent limitations. Section 402(o)(3) of the Clean Water Act is a safety clause that provides an absolute limitation on backsliding and prohibits the relaxation of effluent limitations in all cases (regardless of the exceptions in Section 402(o)(2)) if the revised effluent limitations would result in a violation of applicable effluent guidelines or water quality standards, including antidegradation requirements. To the extent that any water quality based effluent limitations are less stringent than the previous permit, the exception afforded by Section 303(d)(4) has been satisfied. The agency has reviewed all effluent limitations prescribed in this permit and has determined that all provisions of Section 402(o) and 303(d)(4) of the Clean Water Act have been achieved.

I. SELF-MONITORING REQUIREMENTS

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Title 47, Series 10, Section 5.10 of the Legislative Rules requires the establishment of a monitoring program to provide assurance that the prescribed effluent discharge limitations stipulated in the permit

**14. OTHER REQUIREMENT(s) (continued)**

are being maintained. Accordingly, the monitoring requirements established for the conventional and toxic pollutant parameters, under this permit, for the effluent discharges from the wastewater treatment plant are instituted to provide said assurances.

The State of West Virginia, Department of Environmental Protection, Division of Water and Waste Management, has made tentative decisions on the application for a State NPDES Permit listed on this Fact Sheet. In order to provide public participation on the proposed issuance of the required permit, the following information is being supplied in accordance with 47 CSR, Series 10, Section 11.3.e.2 and 3, of the West Virginia Legislative Rules.

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for a public hearing shall be made in writing and addressed to:

Director, Division of Water and Waste Management, DEP
601 57th Street SE
Charleston, West Virginia 25304-2345
Attention: Lori Derrick

The request shall state the nature of the issues proposed to be raised in the hearing, and must be received within the comment period. The Director shall hold a public hearing whenever he, or she, finds, on the basis of requests, a significant degree of public interest on issues relevant to the draft permit. Any person may submit oral or written statements and data concerning the draft permit, however, reasonable limits may be set upon the time allowed for oral statements, and the submission of statements in writing may be required. A tape recording or written transcript of the hearing shall be made available to the public, upon request.

If information received during the public comment period appears to raise substantial new questions, the Director may reopen the public comment period.

All applicable information concerning the permit application and the tentative decisions is on file and may be inspected, by appointment, or copies obtained, at a nominal cost, at the offices of the Division of Water and Waste Management, 601 57th Street SE, Charleston, West Virginia 25304-2345, Monday through Friday (except State holidays) between 8:00 a.m. and 4:00 p.m.

Requests for additional information should be directed to Lori Derrick at (304) 926-0499 ext 1057.

# WATER QUALITY BASED EFFLUENT LIMITATIONS

v 10.4

## City of Clarksburg WV0023302

### Outlet: 001

### Stream: West Fork River

| | | | |
|---|---|---|---|
| **Hardness (mg/l):** | 213 | **Instream Waste %:** | 18.37 |
| **Temperature (°C):** | 27 | **ZID:** | 3.0 |
| **pH:** | 7.57 | **CMZ:** | 5.0 |
| **Stream 1Q10 (CFS):** | NA | **HH CMZ:** | 14.0 |
| **Stream 7Q10 (CFS):** | 55 | **HHA 1/2 Mile Rule CMZ:** | 14.0 |
| **Effluent Flow (MGD):** | 8 | | |

| PARAMETER | Baseline Water Quality (mg/l) | Stream Background (mg/l) | End of Pipe WQC RP | RWC WQC RP | Average Monthly Limit (mg/l) | Maximum Daily Limit (mg/l) | Tier Protection Level |
|---|---|---|---|---|---|---|---|
| Ammonia | NA | 0.0780 | No Data | No Data | 18.4823 | 37.0790 | Tier 1 |
| Arsenic | NA | 0.0006 | No | No | Monitor | Monitor | Tier 1 |
| Cadmium | NA | 0.0001 | No | No | Monitor | Monitor | Tier 1 |
| Copper | NA | 0.0009 | No | No | Monitor | Monitor | Tier 1 |
| Cyanide | NA | 0.0020 | No | No | Monitor | Monitor | Tier 1 |
| Lead | NA | 0.0001 | No | No | Monitor | Monitor | Tier 1 |
| Mercury | NA | 0.00000600 | No | No | Monitor | Monitor | Tier 1 |
| Nickel | NA | 0.001 | No | No | Monitor | Monitor | Tier 1 |
| Silver | NA | 0.0000 | No | No | Monitor | Monitor | Tier 1 |
| Total Residual Chlorine | NA | NA | No Data | No Data | 0.0284 | 0.0570 | Tier 1 |
| Zinc | NA | 0.008 | No | No | Monitor | Monitor | Tier 1 |
| WET - Ceriodaphnia Dubia | NA | NA | No | No | Monitor | Monitor | Tier 1 |
| WET - Pimephales Promelas | NA | NA | No | No | Monitor | Monitor | Tier 1 |

| | |
|---|---|
| Outfall discharges to Ohio River and is subject to ORSANCO Pollution Control Standards: | No |
| Outfall discharges to a Trout Stream: | No |
| Outfall discharges to a stream exempt from Human Health A Criteria: | No |
| Outfall discharges to a stream exempt from all Human Health Criteria: | No |
| Outfall discharges within 1/2 mile upstream of a public drinking water intake: | No |
| Outfall has limitations for at least one metal using a site specific translator: | No |
| Outfall has Tier 2.0 antidegradation limitations for at least one pollutant: | No |

# WATER QUALITY BASED EFFLUENT LIMITATIONS

v 10.4

## City of Clarksburg _ WV0023302

### Outlet: 001

### Stream: West Fork River

| | | | |
|---|---|---|---|
| **Hardness (mg/l):** | 213 | **Instream Waste %:** | 18.37 |
| **Temperature (°C):** | 27 | **ZID:** | 1.0 |
| **pH:** | 7.57 | **CMZ:** | 1.0 |
| **Stream 1Q10 (CFS):** | NA | **HH CMZ:** | 1.0 |
| **Stream 7Q10 (CFS):** | 55 | **HHA 1/2 Mile Rule CMZ:** | 1.0 |
| **Effluent Flow (MGD):** | 8 | | |

| PARAMETER | Baseline Water Quality (mg/l) | Stream Background (mg/l) | End of Pipe WQC RP | RWC WQC RP | Average Monthly Limit (mg/l) | Maximum Daily Limit (mg/l) | Tier Protection Level |
|---|---|---|---|---|---|---|---|
| Hexavalent Chromium | NA | NA | No | No | Monitor | Monitor | Tier 1 |
| Fluoride | NA | NA | Yes | Yes | 1.4000 | 2.5974 | Tier 1 |

| | |
|---|---|
| Outfall discharges to Ohio River and is subject to ORSANCO Pollution Control Standards: | No |
| Outfall discharges to a Trout Stream: | No |
| Outfall discharges to a stream exempt from Human Health A Criteria: | No |
| Outfall discharges to a stream exempt from all Human Health Criteria: | No |
| Outfall discharges within 1/2 mile upstream of a public drinking water intake: | No |
| Outfall has limitations for at least one metal using a site specific translator: | No |
| Outfall has Tier 2.0 antidegradation limitations for at least one pollutant: | No |

# IU Limits Allocation Summary v 10.4

In COC Co

**Allocation Method**

Uniform — Uniform or Flow Weighted (dropdown)

**Number of IUs** 1

**Number of SIUs** 1

**SIU/IU Allocation Split %** 90

| | | gpm |
|---|---|---|
| **Instantaneous Flow** | **POTW Avg** | 3621.5 |
| | **POTW Design** | 5555.6 |
| | **20% of Design** | 1111.1 |

| | | |
|---|---|---|
| **Name of IU** | | IU01 |
| | | All Ius |
| | | Limit / COCs |
| **Flow** | mgd-> | 0.485 |
| **POTW Flow %** | | 9.3% |
| **SIU? (Daily Flow %)** | | Y |
| **Instantaneous Flow** | gpm-> | 336.8 |
| **Allocated %** | | 100.0 |
| **Limit Basis** | dropdown | mg/l |

| **Parameter** | Total Available Load lbs/day | Load Remaining lbs/day | % Allocated | Limit | COCs |
|---|---|---|---|---|---|
| **BOD5** | 5807 | 5806.7 | 0.0 | 0 | |
| **TSS** | 5807 | 5806.7 | 0.0 | 0 | |
| **TKN** | 929 | 929.1 | 0.0 | 0 | |
| **Oil and Grease** | 2323 | 2322.7 | 0.0 | 0 | |
| **Cadmium** | 2.30E-01 | 0.129 | 43.9 | 0.025 | 0.025 |
| **Chromium(T)** | 6.36E+01 | 63.642 | 0.0 | 0 | |
| **Chromium(+6)** | 1.79E+00 | 1.788 | 0.0 | 0 | |
| **Copper** | 1.64E+01 | 9.088 | 44.5 | 1.8 | 1.8 |
| **Lead** | 3.25E+00 | 2.039 | 37.3 | 0.3 | 0.3 |
| **Nickel** | 2.03E+01 | 8.172 | 59.8 | 3.01 | 3.01 |
| **Silver** | 2.31E+00 | 1.098 | 52.4 | 0.299 | 0.299 |
| **Zinc** | 1.54E+01 | 6.794 | 55.8 | 2.12 | 2.12 |
| **Cyanide(Free)** | 8.08E-01 | 0.210 | 74.1 | 0.148 | 0.148 |
| **Cyanide(Total)** | 1.19E+00 | 0.581 | 51.1 | 0.15 | 0.15 |
| **Arsenic** | 5.53E+00 | 1.851 | 66.5 | 0.91 | 0.91 |
| **Mercury** | 1.40E-02 | 0.006 | 57.8 | 0.002 | 0.002 |
| **Iron** | 3.40E+02 | 340.356 | 0.0 | 0 | |
| **Aluminum** | 1.75E+03 | 1753.0 | 0.0 | 0 | |
| **Boron** | 1.30E+01 | 13.048 | 0.0 | 0 | |
| **Molybdenum** | NA | NA | NA | 0 | |
| **Tin** | NA | NA | NA | 0 | |
| **Selenium** | 7.25E-01 | 0.725 | 0.0 | 0 | |
| **Chloride** | 1.21E+04 | 12115 | 0.0 | 0 | |
| **Antimony** | 1.49E+01 | 14.920 | 0.0 | 0 | |
| **Barium** | 6.16E+01 | 61.6 | 0.0 | 0 | |
| **Berylium** | 4.93E+00 | 4.930 | 0.0 | 0 | |
| **Fluoride** | 1.18E+03 | 1183.5 | 0.0 | 0 | |
| **Manganese** | 6.95E+02 | 695.3 | 0.0 | 0 | |
| **Thallium** | 1.55E+00 | 1.551 | 0.0 | 0 | |
| **Sulfate** | NA | NA | NA | 0 | |
| **Phenolics** | 5.30E+01 | 53.009665 | 0.0 | 0 | |
| **Magnesium** | 8.31E+02 | 831 | 0.0 | 0 | |
| **PCBs** | 3.31E-03 | 0.003305 | 0.0 | 0 | |
| **Sulfides** | 9.71E+02 | 971 | 0.0 | 0 | |
| **TDS** | 3.38E+04 | 33847 | 0.0 | 0 | |

# IU Limits Allocation Summary v 10.4

In COC Co

**Allocation Method**

Uniform or Flow Weighted (dropdown)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Uniform | | | | | | IU01 | |
| **Number of IUs** | **1** | | | **Name of IU** | | All Ius | |
| **Number of SIUs** | **1** | | | | | Limit | COCs |
| **SIU/IU Allocation Split %** | **90** | | | | | | |
| | | gpm | | **Flow** | mgd-> | 0.485 | |
| **Instantaneous Flow** | **POTW Avg** | 3621.5 | | **POTW Flow %** | | 9.3% | |
| | **POTW Design** | 5555.6 | | **SIU? (Daily Flow %)** | | **Y** | |
| | **20% of Design** | 1111.1 | | **Instantaneous Flow** | gpm-> | 336.8 | |
| | | | | **Allocated %** | | 100.0 | |
| **Parameter** | Total Available Load lbs/day | Load Remaining lbs/day | % Allocated | **Limit Basis** | dropdown | mg/l | |
| **BOD5** | 5807 | 5806.7 | 0.0 | | | 0 | |
| **TSS** | 5807 | 5806.7 | 0.0 | | | 0 | |
| **TKN** | 929 | 929.1 | 0.0 | | | 0 | |
| **Oil and Grease** | 2323 | 2322.7 | 0.0 | | | 0 | |
| **Cadmium** | 2.11E-02 | 0.021 | 0.0 | | | 0 | |
| **Chromium(T)** | 3.50E+01 | 32.513 | 7.2 | | | 0.6255 | 0.6255 |
| **Chromium(+6)** | 6.87E-01 | 0.238 | 65.4 | | | 0.111 | 0.111 |
| **Copper** | 4.22E+00 | 4.222 | 0.0 | | | 0 | |
| **Lead** | 4.97E-01 | 0.497 | 0.0 | | | 0 | |
| **Nickel** | 6.49E+00 | 6.493 | 0.0 | | | 0 | |
| **Silver** | 1.02E+00 | 1.021 | 0.0 | | | 0 | |
| **Zinc** | 1.54E+01 | 15.370 | 0.0 | | | 0 | |
| **Cyanide(Free)** | 1.90E-01 | 0.190 | 0.0 | | | 0 | |
| **Cyanide(Total)** | 1.19E+00 | 1.187 | 0.0 | | | 0 | |
| **Arsenic** | 7.31E-01 | 0.731 | 0.0 | | | 0 | |
| **Mercury** | 4.24E-03 | 0.004 | 0.0 | | | 0 | |
| **Iron** | 2.22E+02 | 222.377 | 0.0 | | | 0 | |
| **Aluminum** | 5.68E+02 | 568.2 | 0.0 | | | 0 | |
| **Boron** | 1.30E+01 | 13.048 | 0.0 | | | 0 | |
| **Molybdenum** | NA | NA | NA | | | 0 | |
| **Tin** | NA | NA | NA | | | 0 | |
| **Selenium** | 1.28E-01 | 0.128 | 0.0 | | | 0 | |
| **Chloride** | 1.21E+04 | 12115 | 0.0 | | | 0 | |
| **Antimony** | 5.00E-01 | 0.500 | 0.0 | | | 0 | |
| **Barium** | 6.16E+01 | 61.6 | 0.0 | | | 0 | |
| **Berylium** | 3.52E-01 | 0.352 | 0.0 | | | 0 | |
| **Fluoride** | 7.42E+01 | 74.2 | 0.0 | | | 0 | |
| **Manganese** | 6.82E+01 | 68.2 | 0.0 | | | 0 | |
| **Thallium** | 5.02E-02 | 0.050 | 0.0 | | | 0 | |
| **Sulfate** | NA | NA | NA | | | 0 | |
| **Phenolics** | 5.30E+01 | 53.009665 | 0.0 | | | 0 | |
| **Magnesium** | 8.31E+02 | 831 | 0.0 | | | 0 | |
| **PCBs** | 3.31E-03 | 0.003305 | 0.0 | | | 0 | |
| **Sulfides** | 9.71E+02 | 971 | 0.0 | | | 0 | |
| **TDS** | 3.38E+04 | 33847 | 0.0 | | | 0 | |

## Part I. State Draft Permit Submission Checklist

In accordance with the MOA established between the State of West Virginia and the United States Environmental Protection Agency, Region III, the Commonwealth submits the following draft National Pollutant Discharge Elimination System (NPDES) permit for Agency review and concurrence.

Facility Name: Clarksburg Sanitary Board

NPDES Permit Number: WV0023302

Permit Writer Name: Cassie Casto

Date: 11/14/2024

**Major** [✓] **Minor** [ ] **Industrial** [ ] **Municipal** [✓]

| I.A. Draft Permit Package Submittal Includes: | Yes | No | N/A |
|---|---|---|---|
| 1. Permit Application? | X | | |
| 2. Complete Draft Permit (for renewal or first time permit – entire permit, including boilerplate information)? | X | | |
| 3. Copy of Public Notice? | X | | |
| 4. Complete Fact Sheet? | X | | |
| 5. A Priority Pollutant Screening to determine parameters of concern? | X | | |
| 6. A Reasonable Potential analysis showing calculated WQBELs? | X | | |
| 7. Dissolved Oxygen calculations? | X | | |
| 8. Whole Effluent Toxicity Test summary and analysis? | X | | |
| 9. Permit Rating Sheet for new or modified industrial facilities? | | | X |

| I.B. Permit/Facility Characteristics | Yes | No | N/A |
|---|---|---|---|
| 1. Is this a new, or currently unpermitted facility? | | X | |
| 2. Are all permissible outfalls (including combined sewer overflow points, non-process water and storm water) from the facility properly identified and authorized in the permit? | X | | |
| 3. Does the fact sheet **or** permit contain a description of the wastewater treatment process? | X | | |
| 4. Does the review of PCS/DMR data for at least the last 3 years indicate significant non-compliance with the existing permit? | | X | |
| 5. Has there been any change in streamflow characteristics since the last permit was developed? | | X | |
| 6. Does the permit allow the discharge of new or increased loadings of any pollutants? | | X | |

| I.B. Permit/Facility Characteristics – cont. | Yes | No | N/A |
|---|---|---|---|
| 7. Does the fact sheet **or** permit provide a description of the receiving water body(s) to which the facility discharges, including information on low/critical flow conditions and designated/existing uses? | X | | |
| 8. Does the facility discharge to a 303(d) listed water? | | X | |
| a. Has a TMDL been developed and approved by EPA for the impaired water? | X | | |
| b. Does the record indicate that the TMDL development is on the State priority list and will most likely be developed within the life of the permit? | | | X |
| c. Does the facility discharge a pollutant of concern identified in the TMDL or 303(d) listed water? | X | | |
| 9. Have any limits been removed, or are any limits less stringent, than those in the current permit? | | X | |
| 10. Does the permit authorize discharges of storm water? | X | | |
| 11. Has the facility substantially enlarged or altered its operation or substantially increased its flow or production? | | X | |
| 12. Are there any production-based, technology-based effluent limits in the permit? | | X | |
| 13. Do any water quality-based effluent limit calculations differ from the State's standard policies or procedures? | | X | |
| 14. Are any WQBELs based on an interpretation of narrative criteria? | | X | |
| 15. Does the permit incorporate any variances or other exceptions to the State's standards or regulations? | | X | |
| 16. Does the permit contain a compliance schedule for any limit or condition? | X | | |
| 17. Is there a potential impact to endangered/threatened species or their habitat by the facility's discharge(s)? | | X | |
| 18. Have impacts from the discharge(s) at downstream potable water supplies been evaluated? | X | | |
| 19. Is there any indication that there is significant public interest in the permit action proposed for this facility? | | X | |
| 20. Have previous permit, application, and fact sheet been examined? | X | | |

## Part II. NPDES Draft Permit Checklist

### Region III NPDES Permit Quality Checklist – for POTWs

*(To be completed and included in the record only for POTWs)*

| II.A. Permit Cover Page/Administration | Yes | No | N/A |
|---|---|---|---|
| 1. Does the fact sheet or permit describe the physical location of the facility, including latitude and longitude (not necessarily on permit cover page)? | X | | |
| 2. Does the permit contain specific authorization-to-discharge information (from where to where, by whom)? | X | | |

| II.B. Effluent Limits – General Elements | Yes | No | N/A |
|---|---|---|---|
| 1. Does the fact sheet describe the basis of final limits in the permit (e.g., that a comparison of technology and water quality-based limits was performed, and the most stringent limit selected)? | X | | |
| 2. Does the fact sheet discuss whether "antibacksliding" provisions were met for any limits that are less stringent than those in the previous NPDES permit? | X | | |

| II.C. Technology-Based Effluent Limits (POTWs) | Yes | No | N/A |
|---|---|---|---|
| 1. Does the permit contain numeric limits for ALL of the following: BOD (or alternative, e.g., CBOD, COD, TOC), TSS, and pH? | X | | |
| 2. Does the permit require at least 85% removal for BOD (or BOD alternative) and TSS (or 65% for equivalent to secondary) consistent with 40 CFR Part 133? | | X | |
| a. If no, does the record indicate that application of WQBELs, or some other means, results in more stringent requirements than 85% removal or that an exception consistent with 40 CFR 133.103 has been approved? | X | | |
| 3. Are technology-based permit limits expressed in the appropriate units of measure (e.g., concentration, mass, SU)? | X | | |
| 4. Are permit limits for BOD and TSS expressed in terms of both long term (e.g., average monthly) and short term (e.g., average weekly) limits? | X | | |
| 5. Are any concentration limitations in the permit less stringent than the secondary treatment requirements (30 mg/l BOD5 and TSS for a 30-day average and 45 mg/l BOD5 and TSS for a 7-day average)? | | X | |
| a. If yes, does the record provide a justification (e.g., waste stabilization pond, trickling filter, etc.) for the alternate limitations? | | | X |

| II.D. Water Quality-Based Effluent Limits | Yes | No | N/A |
|---|---|---|---|
| 1. Does the permit include appropriate limitations consistent with 40 CFR 122.44(d) covering State narrative and numeric criteria for water quality? | X | | |
| 2. Does the fact sheet indicate that any WQBELs were derived from a completed and EPA approved TMDL? | X | | |
| 3. Does the fact sheet provide effluent characteristics for each outfall? | X | | |

| II.D. Water Quality-Based Effluent Limits – cont. | Yes | No | N/A |
|---|---|---|---|
| 4. Does the fact sheet document that a "reasonable potential" evaluation was performed? | X | | |
| a. If yes, does the fact sheet indicate that the "reasonable potential" evaluation was performed in accordance with the State's approved procedures? | X | | |
| b. Does the fact sheet describe the basis for allowing or disallowing in-stream dilution or a mixing zone? | X | | |
| c. Does the fact sheet present WLA calculation procedures for all pollutants that were found to have "reasonable potential"? | X | | |
| d. Does the fact sheet indicate that the "reasonable potential" and WLA calculations accounted for contributions from upstream sources (i.e., do calculations include ambient/background concentrations)? | X | | |
| e. Does the permit contain numeric effluent limits for all pollutants for which "reasonable potential" was determined? | X | | |
| 5. Are all final WQBELs in the permit consistent with the justification and/or documentation provided in the fact sheet? | X | | |
| 6. For all final WQBELs, are BOTH long-term AND short-term effluent limits established? | X | | |
| 7. Are WQBELs expressed in the permit using appropriate units of measure (e.g., mass, concentration)? | X | | |
| 8. Does the record indicate that an "antidegradation" review was performed in accordance with the State's approved antidegradation policy? | X | | |

| II.E. Monitoring and Reporting Requirements | Yes | No | N/A |
|---|---|---|---|
| 1. Does the permit require at least annual monitoring for all limited parameters and other monitoring as required by State and Federal regulations? | X | | |
| a. If no, does the fact sheet indicate that the facility applied for and was granted a monitoring waiver, AND, does the permit specifically incorporate this waiver? | | | |
| 2. Does the permit identify the physical location where monitoring is to be performed for each outfall? | X | | |
| 3. Does the permit require at least annual influent monitoring for BOD (or BOD alternative) and TSS to assess compliance with applicable percent removal requirements? | X | | |
| 4. Does the permit require testing for Whole Effluent Toxicity? | X | | |

| II.F. Special Conditions | Yes | No | N/A |
|---|---|---|---|
| 1. Does the permit include appropriate biosolids use/disposal requirements? | X | | |
| 2. Does the permit include appropriate storm water program requirements? | X | | |
| 3. If the permit contains compliance schedule(s), are they consistent with statutory and regulatory deadlines and requirements? | X | | |
| 4. Are other special conditions (e.g., ambient sampling, mixing studies, TIE/TRE, BMPs, special studies) consistent with CWA and NPDES regulations? | X | | |

| II.F. Special Conditions – cont. | Yes | No | N/A |
|---|---|---|---|
| 5. Does the permit allow/authorize discharge of sanitary sewage from points other than the POTW outfall(s) or CSO outfalls [i.e., Sanitary Sewer Overflows (SSOs) or treatment plant bypasses]? | | X | |
| 6. Does the permit authorize discharges from Combined Sewer Overflows (CSOs)? | X | | |
| a. Does the permit require implementation of the "Nine Minimum Controls"? | X | | |
| b. Does the permit require development and implementation of a "Long Term Control Plan"? | X | | |
| c. Does the permit require monitoring and reporting for CSO events? | X | | |
| 7. Does the permit include appropriate Pretreatment Program requirements? | X | | |

| II.G. Standard Conditions | Yes | No | N/A |
|---|---|---|---|
| 1. Does the **permit** contain all 40 CFR 122.41 standard conditions or the State equivalent (or more stringent) conditions? | X | | |

**List of Standard Conditions – 40 CFR 122.41**

| | | |
|---|---|---|
| Duty to comply | Property rights | Reporting Requirements |
| Duty to reapply | Duty to provide information | Planned change |
| Need to halt or reduce activity not a defense | Inspections and entry | Anticipated noncompliance |
| | Monitoring and records | Transfers |
| Duty to mitigate | Signatory requirement | Monitoring reports |
| Proper O & M | Bypass | Compliance schedules |
| Permit actions | Upset | 24-Hour reporting |
| | | Other non-compliance |

| | | | |
|---|---|---|---|
| 2. Does the permit contain the additional standard condition (or the State equivalent or more stringent conditions) for POTWs regarding notification of new introduction of pollutants and new industrial users [40 CFR 122.42(b)]? | X | | |

## Part III. Signature Page

Based on a review of the data and other information submitted by the permit applicant, and the draft permit and other administrative records generated by the Department/Division and/or made available to the Department/Division, the information provided on this checklist is accurate and complete, to the best of my knowledge.

| | |
|---|---|
| Name | Cassie Casto |
| Title | Technical Analyst |
| Signature | Cassie Casto |
| Date | 11/14/2024 |

Devereux, Lori K <lori.k.devereux@wv.gov>

# Class I Legal AD-Exponent Telegram-3/28/25

1 message

**Devereux, Lori K** <lori.k.devereux@wv.gov> Wed, Mar 26, 2025 at 10:03 AM
To: "legals@theet.com" <legals@theet.com>

Please publish the attached public notice as class I legal advertisement on Friday March 28, 2025.

Send the affidavit of publication and invoice to:

Clarksburg Sanitary Board
222 West Main Street
Clarksburg, WV 26301
(SFB is attached)

The statement of billing is enclosed. Please send a copy of the affidavit Lori Devereux, Division of Water and Waste Management, 601 57th Street, SE, Charleston, WV 25304.

If you have any questions or need other information, please contact me at (304) 926.0499, extension 1057, or e-mail me at lori.k.devereux@wv.gov.

--
Environmental Resource Associate
WV Department of Environmental Protection
Division of Water and Waste MGMT
601 57th Street SE
Charleston, WV 25304
Email: lori.k.devereux@wv.gov
Telephone: 304-926-0499 ext. 43863

**2 attachments**

**L-28-25 -Clarksburg.rtf**
15K

**SFB-For Billing Purpose Only.pdf**
443K

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF WATER AND WASTE MANAGEMENT**

**PUBLIC NOTICE**

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S, PUBLIC INFORMATION OFFICE, 601 57TH STREET, CHARLESTON SE, WEST VIRGINIA 25304-2345 TELEPHONE: (304) 926-0440.

APPLICATION FOR A WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM WATER POLLUTION CONTROL PERMIT

**Public Notice No.:** L-28-25
**Public Notice Date:** March 28, 2025
**Paper:** Exponent Telegram

The following has applied for a WV NPDES Water Pollution Control Permit for this facility or activity:

**Appl. No.:** WV0023302
**Applicant:**
CLARKSBURG SANITARY BD
222 WEST MAIN ST
CLARKSBURG, WV 26301
**Location:** CLARKSBURG, HARRISON COUNTY
**Latitude:** 39:18:24
**Longitude:** 80:21:06
**Receiving Stream:**
WEST FORK RIVER

**Activity:**
To operate and maintain an existing combined wastewater collection system and an existing 6.0 million gallons per day wastewater treatment plant. Facilities are designed to serve a population equivalent of approximately 80,000 persons in the City of Clarksburg, the Town of Anmoore, the Town of Stonewood, the Town of Nutter Fort, the East View Public Service District, the Summit Park Public Service District, the Sun Valley Public Service District, and a portion of the Greater Harrison Public Service District, and discharge treated wastewater through Outlet No. 001 to the West Fork River, approximately 28.6 miles from its mouth of the Monongahela River. An antidegradation review has been conducted. Tier 1 protection is provided for the uses specified in Title 47, Series 2, Section 6 for Outlet No. 001. Also, to operate and maintain disposal systems, best management practices, and the nine (9) minimum controls for the direct discharge of sanitary wastewater and storm water from Combined Sewer Overflow (CSO) Outlet Nos. C002, C003, C004, C004B, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, C016, C018, C069, C073, C077, C078, C081, and C082 to the West Fork River of the Monongahela River; and Outlet No. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C038, C039, C040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C067B, and C072 to Elk Creek of the West Fork River of the Monongahela River. These outlets are to discharge only when the hydraulic capacity of the collection system is exceeded during wet weather events. Tier 1 protection shall be afforded for the uses specified in 47 CSR 2 for the CSO outlets through implementation of the facility's Long-term Control Plan. To implement a Publicly Owned Treatment Works Pretreatment Program. Furthermore, to incorporate the requirements relative to Title 33, Series 2 of the West Virginia Legislative Rules for the processing and disposal of sewage sludge generated by the wastewater treatment plant. Sewage sludge generated and/or processed at the permittee's facility shall be disposed of at a sanitary landfill by placing the sewage sludge in the landfill cell. To operate and maintain disposal systems and best management practices for the discharge of untreated storm water runoff at the wastewater treatment plant site through Outlet Nos. 085 - 089 to the West Fork River of the Monongahela River. Compliance with the antidegradation requirements is attained through the implementation of Best Management Practices.

**Business conducted:** Municipality
**Implementation:** Compliance with the Combined Sewer Overflows requirements shall be attained in accordance with the provisions of Administrative Order No. 8260, issued the 19th day of May 2015, and any amendments thereto.

On the basis of review of the application, the "Water Pollution Control Act (Chapter 22, Article 11-8(a))," and the "West Virginia Legislative Rules," the State of West Virginia will act on the above application.

Any interested person may submit written comments on the draft permit and may request a public hearing by addressing such to the Director of the Division of Water and Waste Management within 30 days of the date of the public notice. Such comments or requests should be addressed to:

**Director, Division of Water and Waste Management, DEP**
**ATTN: Lori Devereux,**
**Permitting Section**
**601 57th Street SE**
**Charleston, WV 25304-2345**
**lori.k.devereux@wv.gov**

The public comment period begins March 28, 2025 and ends April 27, 2025.

Comments received within this period will be considered prior to acting on the permit application. Correspondence should include the name, address and the telephone number of the writer and a concise statement of the nature of the issues raised. The Director shall hold a public hearing whenever a finding is made, on the basis of requests, that there is a significant degree of public interest on issues relevant to the Draft Permit(s). Interested persons may contact the public information office to obtain further information.

The application, draft permit and any required fact sheet may be inspected, by appointment, at the Division of Water and Waste Management Public Information Office, at 601 57th Street SE, Charleston, WV 25304-2345, between 8:00 a.m. and 4:00 p.m. on business days.

**Ad#1466570**

# PUBLISHER'S CERTIFICATE

I, Carolyn Sizemore,
Classified Manager of THE EXPONENT TELEGRAM, a newspaper of general circulation published in the city of Clarksburg, County and state aforesaid, do hereby certify that the annexed:

**Public Notice**

**Ad# 1466570**

was published in THE EXPONENT-TELEGRAM 1 time(s) commencing on 03/28/2025 and ending on 03/28/2025 at the request of

**CLARKSBURG SANITARY BOARD.**

Given under my hand this 03/28/2025.

The publisher's fee for said publication is: $113.22.

Carolyn Sizemore
Classified Manager of The Exponent-Telegram

Subscribed to and sworn to before me this 03/28/2025

Tina Kocher
Notary Public in and for Harrison County, WV

My commission expires on
The 7th day of January 20 30

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Tina Kocher
510 Main Street
Pt Pleasant WV 25550
My Commission Expires January 7, 2030

The Exponent
Telegram

P.O. Box 2000
Clarksburg, WV 26302
Phone: 304-626-1420
Fax: 304-622-3629
Classified@theet.com

# Advertising Invoice

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222 W MAIN ST
CLARKSBURG, WV 26301

Acct#:48797
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**Sweeney, Matthew L <matthew.l.sweeney@wv.gov>**

# WV0023303 - Clarksburg Sanitary Board

1 message

**Fulton, Jennifer** <Fulton.Jennifer@epa.gov> Mon, Apr 21, 2025 at 4:43 PM
To: "matthew.l.sweeney@wv.gov" <matthew.l.sweeney@wv.gov>
Cc: "yogesh.p.patel@wv.gov" <yogesh.p.patel@wv.gov>, "Moncavage, Carissa" <Moncavage.Carissa@epa.gov>, "Moore, Amos" <Moore.Amos@epa.gov>

Dear Matt,

Pursuant to Section 402 of the Clean Water Act, 40 C.F.R. § 123.44, and the Memorandum of Agreement Regarding the Administration and Enforcement of the National Pollutant Discharge Elimination System (NPDES) in West Virginia (1982) (MOA), the U.S. Environmental Protection Agency (EPA) Region III received the draft permit for:

**Clarksburg Sanitary Board**

**NPDES Permit: WV0023303**

**EPA Received: March 26, 2025**

**30-day response due date: April 25, 2025**

This is the NPDES draft permit reissuance for a major permit that discharges into West Fork River. EPA has performed a limited review based on the assigned effluent limitations, compliance and schedule for fluoride at outfall 001. EPA has completed its review and does not have any comments to offer on this draft permit at this time.

If you have any questions concerning this matter, please reach out to Amos Moore by telephone at 215-814-2761 or by email at moore.amos@epa.gov.

Thank you,

Jen Fulton

**Jennifer Fulton**

Chief, Clean Water Branch

EPA Region 3

Phone: 304-234-0248

Email: fulton.jennifer@epa.gov

CITY OF CLARKSBURG
WEST VIRGINIA

Wastewater Treatment Plant
Clarksburg Sanitary Board

Date: April 17th, 2025

West Virginia Department of Environmental Protection
Director, Division of Water and Waste Management
ATTN: Lori Devereux, Permitting Section
601 57th Street SE Charleston, WV 25304-2345
lori.k.devereux@wv.gov

**RE: Clarksburg Sanitary Board NPDES Permit Renewal;**
**Application # WV0023302**

Dear Ms. Devereux:

Attached please find comment of the Sanitary Board regarding the proposed renewed NPDES permit noted above. This letter is submitted within the designated comment period. Pursuant to 47 WV CSR 10-12.1.b.1, and for the reasons discussed in the attached comments, the Board requests a 30-day extension of the public comment period, thus ending on May 27, 2025.

Thank you for your service and kind consideration of these comments and concerns. I look forward to continuing our work on this permit renewal.

CLARKSBURG SANITARY BOARD

Drew Eddy
Sanitary Board Director

Encl

cc: CSB Chair and Directors
CSB General Counsel

**CLARKSBURG SANITARY BOARD**

**Comments to Proposed Permit Renewal WV0023302**

**Submitted: April 17th, 2025**

**Page 6/48, Section A.001:**

Winter BOD and TSS limits are expressed here as maximum monthly (30 mg/l) and daily (60 mg/l) limits. Section C.4 (page 24/48) imposes a weekly average of 45 mg/l for these parameters. USEPA regulations specify monthly and weekly limits for POTWs unless these parameters are impossible to calculate. CSB is able to monitor and report the proposed maximum monthly and daily limits.

CSB requests the removal of the weekly average limits included at Section C.4.

**Page 6/48, Section A.001:**

The draft permit changes the wet weather TSS percent removal requirement from 70% (current standard) to 75%. This proposed 5% change will make CSO control efforts significantly more challenging and therefore presents an unnecessary and counterproductive compliance risk to CSB.

As noted in our comments to the 2015 draft permit, and included in the resulting permit, relief from wet weather percent removal requirements is appropriate for our large CSO system.

Diluted influent during wet weather events makes compliance with percent removal parameters extremely difficult. CSB has invested significant funds to expand WWTP wet weather capacity. This expanded capacity has yielded a significant benefit by reducing CSO wet weather discharges, consistent with the requirement at permit Section C.28 to maximize wet weather flows to the WWTP. Relief from the percent removal requirement is critical to continuing this success.

40 C.F.R. § 133.103(a) provides that:

"(a) Combined sewers. Treatment works subject to this part may not be capable of meeting the percentage removal requirements established under §§133.102(a)(3) and 133.102(b)(3), or §§133.105(a)(3) and 133.105(b)(3) during wet weather where the treatment works receive flows from combined sewers (i.e., sewers which are designed to transport both storm water and sanitary sewage). For such treatment works, the decision must be made on a case-by-case basis as to whether any attainable percentage removal level can be defined, and if so, what the level should be."

CSB requests that the wet weather TSS percent removal requirement remain at 70%.

**Page 7/48, Section A.001:**

For clarity, CSB requests a footnote to the fecal coliform limit referencing the excursion criteria authorized at Section C.18 (page 26/48).

**Page 9/48, Section A.001:**

This draft permit is the first notice CSB has received regarding the proposed maximum daily and monthly average fluoride limits. We object to this new treatment limit, proposed without consultation with CSB. With no prior notice of this potential change, CSB was unable to collect data to evaluate essential upstream and instream conditions to evaluate the need and efficacy of these proposed limits. As a result, dilution is not included in reasonable potential calculations.

CSB anecdotally believes that in-steam data will show these new limits to be unnecessary or significantly less stringent.

CSB requests that these limits be removed in favor of "monitor only" requirements for this permit term. This will allow CSB to collect and submit to WVDEP data to evaluate the receiving stream conditions and resulting discharge limits without compliance risks to CSB.

CWB acknowledges the 24-month compliance schedule and finds it insufficient to analyze the in-stream conditions and associated need for this new permit limit. If WVDEP is unwilling to remove the proposed numeric limits, CSB requests a 36-month compliance period.

**Page 24/48, Section C.7:**

USEPA has delegated to West Virginia the administration of the NPDES program. Duplicative compliance reporting to both federal and state agencies is inconsistent with this delegation and creates an unnecessary burden upon the permittee. CSB is unaware of any other Region 3 state that requires such double reporting.

CSB requests that this section be deleted.

**Page 28/48, Section C.22.d:**

This requirement creates an unfair and unworkable requirement for the permittee to test sewage sludge, grease trap waste, and/or domestic septage before allowing discharge to CSB. It also creates the potential for environmental harm from an unlawful disposal by a frustrated discharger who may be refused access to discharge to the WWTP. Finally, the CSB pretreatment program applies to and effectively regulates these dischargers.

CSB requests that this section be deleted.

**Page 29/48, Section C.25:**

CSB requests that the stormwater sampling waiver included in its current permit be continued in the renewed permit.

**Page 46/48, Section F.3.a:**

Section F.3.a of the permit states that, "To the extent provided by law, the discharges from the permittee's CSO shall not cause or contribute to an in-stream excursion above any numeric or narrative criteria developed and adopted as part of the WV water quality standard."

The Board asserts strongly that this language constitutes an "end-result" requirement that is not authorized by the Clean Water Act or the West Virginia Water Pollution Control Act as clearly held by the United States Supreme Court in *City and County of San Francisco v. EPA* (March 4, 2025). The Court has ruled that,

"Section 1311(b)(1)(C) does not authorize EPA to include "end result" provisions in NPDES permits."

"Section 1311(b)(1)(C) does not authorize permit requirements conditioning compliance on receiving water quality."

... EPA must set specific rules permittees must follow to achieve water quality goals."

... end-result requirements would negate the CWA's "permit shield" protecting compliant permittees from liability"

Accordingly, the Board requests that this language be removed from the permit. The general conditions included at Appendix A, Item 12 adequately address the compliance obligations of the permittee with regard to narrative water quality standards.

**Page 46/48, Section F.3.b:**

CSB requests that WVDEP regulate CSO discharge with the presumptive CSO approach (85% capture v. 4-6 annual discharges).

**Page 46/48, Section F.6:**

CSB requests that this CSO reporting requirement be changed to annual.

**Section F, Combined Sewer Overflows:**

CSB requests that WVDEP clarify that peak flow diversions within the WWTP are not classified as bypasses. This will allow the operation of cost-effective CSO compliance and provides clarity and liability protection to the Board in accordance with *Iowa Cities v. EPA*, 717 F.3d 734 (8th Cir. 2013).

**west virginia** department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, West Virginia 25304-2345
Phone: 304-926-0495/Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
https://dep.wv.gov

April 29, 2025

DREW EDDY, SUPT.
CLARKSBURG SANITARY BD
222 WEST MAIN ST
CLARKSBURG, WV 26301

CERTIFIED RETURN RECEIPT REQUESTED

Dear Permittee:

Enclosed please find WV/NPDES Permit Number WV0023302 dated April 29, 2025.

In response to correspondence dated the 17th day of April 2025 from the permittee on the draft WV/NPDES Water Polution Control Permit and follow-up disussion of said comments, the agency provides the following responses.

Comment No. 1 : 7-day Average for BOD and TSS

Secondary treatment standards require 7-day average and average monthly limitations for these pollutants. The USEPA has historically allowed the agency to impose maximum daily effluent limitations in Section A of the permit rather than the 7-day average limitations. However, the USEPA still requires the agency to identify the 7-day average limitations in Section C of the permit. As such, no revisions can be made to the final permit.

Comment No. 2 : Wet Weather TSS Percent Removal Requirement

The TSS wet weather percent removal was erroneous in the draft permit. The limitation has been corrected in the final permit.

Comment No. 3 : Section A.001 Footnote

The footnote has been added to Section A.001 of the final permit.

Comment No. 4 : Outlet 001 Fluoride Limits and Compliance Schedule



Promoting a healthy environment.

As discussed, effluent data for fluoride at Outlet 001 exhibits reasonable potential to exceed water quality criteria and effluent limitations are required. No mixing zone was able to be considered for fluoride since the agency could not locate any background data for fluoride in the vicinity of the discharge in the West Fork River. The permittee can obtain background data from the West Fork River and submit a major permit modification request for consideration of a mixing zone for fluoride. Please note that a minimum of ten samples collected upstream of the discharge over the course of one year approximately one month apart would be needed in any request. The permittee should further ensure that its laboratory uses 40 CFR 136 approved test methods with low method detection levels (MDLs) to obtain useful data. The compliance schedule has been revised from 2 years to 3 years in the final permit.

Comment No. 5 : Section C.7

Section C.7 has been deleted in the final permit.

Comment No. 6 : Section C.22.d

As discussed, the agency does not view sewage sludge or domestic septage as part of the pretreatment program. This conidtion allows the permittee the flexibility to accept sewage sludge and domestic septage at its WWTP. The permittee also indicated that, while it does not currently accept grease trap waste, any grease trap waste would be accepted though its approved pretreatment program. As such, references to grease trap waste have been removed from this condition in the final permit.

Comment No. 7 : Section C.25

If the permittee has previously qualified for the monitoring waiver for a pollutant as prescribed in Section C.25 of this permit during a prior permit term and nothing has changed at the discharge, the permittee does not need to "re-qualify" for the monitoring waiver for that pollutant during the term of the new permit and may continue to submit the certification.

Comment No. 8 : Section F.3.a

The language in this section was previously evaluated by the USEPA, WVDEP, and MWQA when the language was developed many years ago. The agency believes the existing language is appropriate. However, please note that Administrative Order 8260 affords relief from this requirement while the LTCP is being implemented.

Comment No. 9 : Section F.3.b

The permittee's current approved LTCP selected no more than and average of 4-6 overflow events as its abatement option under the presumptive approach. In order for the permittee to revise this option to be 85% capture, the permittee must first revise develop a revised LTCP and submit to the agency's SRF section for review. Once the permittee has obtained confirmation from the SRF section that the revised LTCP is at an approvable state, the permittee may submit a major permit modification application to formally revise the LTCP.

Comment No. 10 : Section F.6

The requested revision has been made in the final permit.

Comment No. 11 : Classification of Peak Flow Diversions and Bypasses

The permittee must first provide a detailed description of the peak flow diversions at the WWTP. Such information should, at a minimum, identify the flow conditions and procedures which result in flow diversions, the treatment equipment that is bypassed and where and how diverted flows are reintroduced into the WWTP. The Parkersburg Utility Board (WV/NPDES Permit No. WV0023213) developed a "No Feasible Alternatives Analysis Report" which identified diversions with "Parkersburg's Wet Weather Flow Capabilities and Protocol" dated October 24, 2017. After review by the agency, Section C.27 of the current Parkersburg permit allowed such diversions accordingly. The agency recommends that the permittee contact Parkersburg to develop a similar protocol. Once a protocol has been developed, the permittee can submit a major permit modification request for consideration.

Comment No. 12 : Public Notice Extension

As discussed, the permittee provided comments on the draft permit. As part of its comment letter, the permittee requested a 30-day extension to the comment period. Upon discussion with the permittee, the permittee provided this request in order to obtain background data for fluoride in the West Fork River. However, upon further discussion, the agency indicated that background data would need to be collected approximately one month apart over an approximate year in order to capture any seasonal variations in the receiving stream. As such, the permittee concurred that the extension request was not necessary.

Please note that a Discharge Monitoring Report (DMR) is to be completed and submitted to this Division each month.

Finally note that copies of all future correspondence regarding the permit must be forwarded to the Field Inspector and Field Supervisor at the following address:

Department of Environmental Protection
Environmental Enforcement
1000 Technology Drive, Suite 3220
Fairmont, WV 26554

Also, please note the attachment to this permit which describes the annual permit fee requirement. Reissuance of your permit does not change the annual fee billing cycle.

If you have any questions, please contact Cassie Casto of this Division at (304) 926-0499 at extension 43815, or by email at cassie.b.casto@wv.gov.

Sincerely,

Jeremy W. Bandy
Director

JWB:cc

Enclosures

**Permit Number:** WV0023302

**Permittee:** CLARKSBURG SANITARY BD

**cc:** Bureau of Public Health
Construction Assistance
Env. Insp. Supv.
Env. Insp.
Public Service Commission
US EPA

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**DIVISION OF WATER AND WASTE MANAGEMENT**
**601 57TH STREET SE**
**CHARLESTON, WV 25304-2345**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WATER POLLUTION CONTROL PERMIT

**NPDES PERMIT NO.:** WV0023302
**SUBJECT:** Sewage

**ISSUE DATE:** April 29, 2025
**EFFECTIVE DATE :** June 01, 2025
**EXPIRATION DATE:** April 28, 2030
**SUPERSEDES:** Permit No. WV0023302 dated May 29, 2020

| **LOCATION:** | CLARKSBURG | Harrison | West Fork River |
|---|---|---|---|
| | **(City)** | **(County)** | **(Drainage Basin)** |

**See the next page for a list of Outlets.**

**TO WHOM IT MAY CONCERN:**

**This is to certify that:** CLARKSBURG SANITARY BD
222 WEST MAIN ST
CLARKSBURG, WV 26301

**is hereby granted a West Virginia NPDES Water Pollution Control Permit to:**
operate and maintain an existing combined wastewater collection system and an existing 8.0 million gallons per day activated sludge wastewater treatment plant which are further described underneath.

A combined wastewater collection system comprised of approximately 230,500 linear feet of eight (8) inch diameter gravity sewer line, 28,600 linear feet of 10-inch diameter gravity sewer line, 59,100 linear feet of 12-inch diameter gravity sewer line, 12,100 linear feet of 15-inch diameter gravity sewer line, 260 linear feet of 16-inch diameter gravity sewer line, 7,900 linear feet of 18-inch diameter gravity sewer line, 26,100 linear feet of 24-inch diameter gravity sewer line, 4,100 linear feet of 30-inch diameter gravity sewer line, 21,300 linear feet of 36-inch diameter gravity sewer line, 8,300 linear feet of 48-inch diameter gravity sewer line, 55 manholes, five (5) lift stations, 4,100 linear feet of 30 inch diameter force main with necessary cleanouts, and all requisite appurtenances.

A wastewater treatment plant comprised of two (2) mechanical bar screens, a fine bar screen, a vortex grit removal chamber and classifier, three (3) primary clarifiers with a volume of approximately 224,000 gallons each, six (6) aeration basins with a volume of 205,000 gallons each, three (3) secondary clarifiers with a volume of 290,000 gallons each, three (3) chlorine contact chambers with a volume of 76,400 gallons each, dechlorination facilities, a gravity sludge thickener with a volume of 173,000 gallons, a two (2) meter sludge dewatering belt press, a septage receiving station, and all requisite appurtenances.

These facilities are designed to serve a population equivalent of approximately 80,000 persons in the City of Clarksburg, and environs, the Town of Anmoore, the Town of Stonewood, the Town of Nutter Fort, the East View Public Service District, the Summit Park Public Service District, the Sun Valley Public Service District, and a portion of the Greater Harrison County Public Service District, and discharge treated wastewater through Outlet No. 001 to the West Fork River, approximately 28.6 miles from its mouth of the Monongahela River.

To operate and maintain disposal systems, best management practices, and the nine (9) minimum controls for the direct discharge of sanitary wastewater and storm water from Combined Sewer Overflow (CSO) Outlet Nos. C002, C003, C004, C004B, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, C016, C018, C069, C073, C077, C078, C081, and C082 to the West Fork River of the Monongahela River; Outlet No. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, C040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C067B, and C072 to Elk Creek of the West Fork River of the Monongahela River. These CSO outlets are permitted to discharge only when the hydraulic capacity of the collection and/or treatment system is exceeded during wet weather events.

To operate and maintain disposal systems and best management practices for the discharge of untreated storm water runoff through Outlets 085 - 089 to the West Fork River of the Monongahela River.

To implement a Publicly Owned Treatment Works (POTW) Pretreatment Program.

**This permit is subject to the following terms and conditions :**
The information submitted on and with Permit Application No. WV0023302 dated the 30th day of October 2024 is hereby made terms and conditions of this permit with like effect as if all such permit application information was set forth, herein, and with other conditions set forth in Sections A, B, C, D, E, F, and Appendix A.

**The validity of this permit is contingent upon the payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.**

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| 001 | 39°18'24" | 80°21'06" | WEST FORK RV | 28.6 | N/A |
| 085 | 39°18'16" | 80°21'01" | WEST FORK RV | 28.76 | N/A |
| 086 | 39°18'15" | 80°21'02" | WEST FORK RV | 28.8 | N/A |
| 087 | 39°18'11" | 80°21'04" | WEST FORK RV | 28.88 | N/A |
| 088 | 39°18'09" | 80°21'06" | WEST FORK RV | 28.94 | N/A |
| 089 | 39°18'08" | 80°21'07" | WEST FORK RV | 28.99 | N/A |
| C002 | 39°18'06" | 80°21'08" | WEST FORK RV -- No Monitoring Required | 29.05 | N/A |
| C003 | 39°17'59" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 29.2 | N/A |
| C004 | 39°17'30" | 80°21'14" | WEST FORK RV -- No Monitoring Required | 30.12 | N/A |
| C004B | 39°17'18" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 30.44 | N/A |
| C005 | 39°17'01" | 80°21'28" | WEST FORK RV -- No Monitoring Required | 30.97 | N/A |
| C006 | 39°16'58" | 80°21'25" | WEST FORK RV -- No Monitoring Required | 31.04 | N/A |
| C007 | 39°16'53" | 80°21'24" | WEST FORK RV -- No Monitoring Required | 31.16 | N/A |
| C008 | 39°16'13" | 80°21'22" | WEST FORK RV -- No Monitoring Required | 32.71 | N/A |
| C009 | 39°16'51" | 80°21'11" | WEST FORK RV -- No Monitoring Required | 31.38 | N/A |
| C010 | 39°16'18" | 80°21'19" | WEST FORK RV -- No Monitoring Required | 32.58 | N/A |
| C011 | 39°16'51" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 31.41 | N/A |
| C012 | 39°16'33" | 80°21'23" | WEST FORK RV -- No Monitoring Required | 32.21 | N/A |
| C013 | 39°16'38" | 80°21'06" | WEST FORK RV -- No Monitoring Required | 31.96 | N/A |
| C014 | 39°16'41" | 80°21'05" | WEST FORK RV -- No Monitoring Required | 31.88 | N/A |
| C015 | 39°16'50" | 80°20'57" | WEST FORK RV -- No Monitoring Required | 31.7 | N/A |
| C016 | 39°16'42" | 80°21'00" | WEST FORK RV -- No Monitoring Required | 31.8 | N/A |
| C017 | 39°17'12" | 80°20'36" | ELK CK -- No Monitoring Required | 2.8 | N/A |
| C018 | 39°16'47" | 80°20'58" | WEST FORK RV -- No Monitoring Required | 31.7 | N/A |
| C019 | 39°17'00" | 80°20'30" | ELK CK -- No Monitoring Required | 1.14 | N/A |
| C020 | 39°16'55" | 80°21'06" | ELK CK -- No Monitoring Required | 0.02 | N/A |
| C021 | 39°16'59" | 80°20'27" | ELK CK -- No Monitoring Required | 1.2 | N/A |
| C022 | 39°17'04" | 80°21'08" | ELK CK -- No Monitoring Required | 0.33 | N/A |
| C023 | 39°16'58" | 80°20'25" | ELK CK -- No Monitoring Required | 1.24 | N/A |

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| C025 | 39°16'56" | 80°20'21" | ELK CK -- No Monitoring Required | 1.3 | N/A |
| C027 | 39°16'55" | 80°20'17" | ELK CK -- No Monitoring Required | 1.36 | N/A |
| C028 | 39°17'05" | 80°21'06" | ELK CK -- No Monitoring Required | 0.55 | N/A |
| C030 | 39°17'09" | 80°20'33" | ELK CK -- No Monitoring Required | 0.92 | N/A |
| C033 | 39°16'55" | 80°20'04" | ELK CK -- No Monitoring Required | 1.6 | N/A |
| C034 | 39°16'50" | 80°20'04" | ELK CK -- No Monitoring Required | 1.69 | N/A |
| C036 | 39°16'43" | 80°20'05" | ELK CK -- No Monitoring Required | 1.84 | N/A |
| C038 | 39°16'40" | 80°20'05" | ELK CK -- No Monitoring Required | 1.89 | N/A |
| C040 | 39°16'33" | 80°20'06" | ELK CK -- No Monitoring Required | 2.02 | N/A |
| C042 | 39°16'28" | 80°20'10" | ELK CK -- No Monitoring Required | 2.14 | N/A |
| C044 | 39°16'19" | 80°20'04" | ELK CK -- No Monitoring Required | 2.48 | N/A |
| C045 | 39°16'43" | 80°20'06" | ELK CK -- No Monitoring Required | 1.83 | N/A |
| C046 | 39°16'20" | 80°20'04" | ELK CK -- No Monitoring Required | 2.5 | N/A |
| C047 | 39°16'40" | 80°20'06" | ELK CK -- No Monitoring Required | 1.89 | N/A |
| C049 | 39°16'38" | 80°20'06" | ELK CK -- No Monitoring Required | 1.93 | N/A |
| C050 | 39°16'21" | 80°20'03" | ELK CK -- No Monitoring Required | 2.52 | N/A |
| C051 | 39°16'36" | 80°20'06" | ELK CK -- No Monitoring Required | 1.97 | N/A |
| C052 | 39°16'25" | 80°20'00" | ELK CK -- No Monitoring Required | 2.61 | N/A |
| C053 | 39°16'26" | 80°20'12" | ELK CK -- No Monitoring Required | 2.18 | N/A |
| C057 | 39°16'34" | 80°19'44" | ELK CK -- No Monitoring Required | 2.92 | N/A |
| C060 | 39°16'29" | 80°19'50" | ELK CK -- No Monitoring Required | 2.78 | N/A |
| C062 | 39°16'33" | 80°19'44" | ELK CK -- No Monitoring Required | 2.9 | N/A |
| C064 | 39°16'33" | 80°19'29" | ELK CK -- No Monitoring Required | 3.26 | N/A |
| C065 | 39°16'05" | 80°19'30" | ELK CK -- No Monitoring Required | 4.61 | N/A |
| C067B | 39°16'02" | 80°19'17" | ELK CK -- No Monitoring Required | 4.82 | N/A |
| C069 | 39°16'20" | 80°21'16" | WEST FORK RV -- No Monitoring Required | 32.53 | N/A |
| C072 | 39°16'16" | 80°19'19" | ELK CK -- No Monitoring Required | 4.25 | N/A |
| C073 | 39°16'14" | 80°21'20" | WEST FORK RV -- No Monitoring Required | 32.65 | N/A |
| C077 | 39°16'53" | 80°21'09" | WEST FORK RV -- No Monitoring Required | 31.45 | N/A |

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| C078 | 39°16'32" | 80°21'04" | WEST FORK RV -- No Monitoring Required | 32.07 | N/A |
| C081 | 39°17'42" | 80°21'30" | WEST FORK RV -- No Monitoring Required | 29.75 | N/A |
| C082 | 39°17'12" | 80°21'20" | WEST FORK RV -- No Monitoring Required | 30.69 | N/A |
| S01 | 39°18'24" | 80°21'06" | N/A | N/A | N/A |

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | Units | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | Rpt Only Minimum | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | Continuous | measured |
| 00310 - (BOD, 5-Day 20 Deg.C) (Summer May 1-Oct 31) (ML-B) (RF-A) | 2002 Avg. Monthly | 4003 Max. Daily | Lbs/Day | N/A | 20 Avg. Monthly | 40 Max. Daily | mg/l | 1/week | 24 hr Composite |
| | Refer to Section C.28. | | | | | | | | |
| 00310 - (BOD, 5-Day 20 Deg.C) (Winter Nov 1-Apr 30) (ML-B) (RF-A) | 3002 Avg. Monthly | 6005 Max. Daily | Lbs/Day | N/A | 30 Avg. Monthly | 60 Max. Daily | mg/l | 1/week | 24 hr Composite |
| | Refer to Section C.28. | | | | | | | | |
| 00530 - (Total Suspended Solids) (Year Round) (ML-A) (RF-A) | 3002 Avg. Monthly | 6005 Max. Daily | Lbs/Day | N/A | 30 Avg. Monthly | 60 Max. Daily | mg/l | 1/week | 24 hr Composite |
| 51012 - (BOD,5-day % Rem,dry weath (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 85 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51013 - (BOD,5-day %Rem,wet weathe (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 75 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51014 - (Solids,Susp.% Rem,dry weatl (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 85 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51015 - (Solids,Susp.% Rem,wet weatl (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 70 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 74055 - (Coliform, Fecal)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | N/A | 200<br>Mon. Geo. Mean | 400<br>Max. Daily | Cnts/100ml | 2/month | Grab |
| Refer to Section C.18. | | | | | | | | | |
| 00400 - (pH)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | 6<br>Inst. Min. | N/A | 9<br>Inst. Max. | S.U. | 1/week | Grab |
| 00300 - (Dissolved Oxygen)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | 7<br>Inst. Min. | N/A | N/A | mg/l | 2/week | Grab |
| 00610 - (Ammonia Nitrogen)<br>(Summer May 1-Oct 31) (ML-A) (RF-A) | 550<br>Avg. Monthly | 1101<br>Max. Daily | Lbs/Day | N/A | 5.5<br>Avg. Monthly | 11<br>Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00610 - (Ammonia Nitrogen)<br>(Winter Nov 1-Apr 30) (ML-A) (RF-A) | 1101<br>Avg. Monthly | 2202<br>Max. Daily | Lbs/Day | N/A | 11<br>Avg. Monthly | 22<br>Max. Daily | mg/l | 1/week | 24 hr Composite |
| 50060 - (Chlorine, Total Residual)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | N/A | 0.028<br>Avg. Monthly | 0.057<br>Max. Daily | mg/l | 1/week | Grab |
| 01119 - (Copper, Total Recoverable)<br>(Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01114 - (Lead, Total Recoverable)<br>(Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | 24 hr Composite |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01002 - (Arsenic, Total (as As)) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01113 - (Cadmium, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01032 - (Chromium, Hexavalent) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 00718 - (Cyanide, Weak Acid Dissocial (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/6 months | Grab |
| 01074 - (Nickel, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01079 - (Silver, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00951 - (Fluoride, Total)<br>(Year Round) (ML-A) (RF-A)<br>Interim: 6/1/2025 to 5/31/2028 | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/month | 24 hr Composite |
| 00951 - (Fluoride, Total)<br>(Year Round) (ML-A) (RF-A)<br>Final: 06/01/2028 to 4/28/2030 | N/A | N/A | N/A | N/A | 1.4<br>Avg. Monthly | 2.6<br>Max. Daily | mg/l | 1/month | 24 hr Composite |
| 61426 - (Chronic Tox-Ceriodaphnia Du<br>(Year Round) (ML-B) (RF-D) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | TUc | 1/year | 24 hr Composite |
| 61428 - (Chronic Toxicity - Pimephales<br>(Year Round) (ML-B) (RF-D) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | TUc | 1/year | 24 hr Composite |
| 38693 - (Bromodichloromethane)<br>(Year Round) (ML-A) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | ug/l | 1/quarter | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.085 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 085 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant)<br>(Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal)<br>(Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable)<br>(Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.085 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 085 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTI | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.086 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 086 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.086 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 086 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.087 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 087 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.087 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 087 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.088 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 088 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.088 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 088 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTI | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.089 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 089 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant)<br>(Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal)<br>(Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.089 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to discharge from Outlet Number(s) 089 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Quantity | | Units | Limitations | Other Units | | Units | Monitoring Requirements: Measurement Frequency | Monitoring Requirements: Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 00400 - (pH)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | Rpt Only<br>Minimum | N/A | Rpt Only<br>Maximum | S.U. | 1/quarter | Grab |
| 61521 - (Arsenic, Sludge Tot. Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78476 - (Cadmium,Sludge,Tot Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78473 - (Chromium, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78475 - (Copper,Sludge,Tot,Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78468 - (Lead, Dry. Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78471 - (Mercury, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78465 - (Molybdenum,Dry Wgt)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Quantity | | Units | Limitations | Other Units | | Units | Monitoring Requirements: Measurement Frequency | Monitoring Requirements: Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 78469 - (Nickel, Dry Wt.) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 49031 - (Selenium,Sludge,Tot. Dry Wt. (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78467 - (Zinc, Dry Wt.) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 00916 - (Calcium, Total (as Ca)) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 61553 - (Solids, Total Sludge Percent) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | Rpt Only Minimum | Rpt Only Avg. | Rpt Only Maximum | Percent | 1/quarter | 1 Week Comp |
| 78472 - (Potassium, Sludge Tot. Dry W (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78478 - (Phosphorus,Sludge,Tot,Dry W (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 82294 - (Nitrogen, Ammonia Tot. DW) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 6/1/2025 and lasting through midnight 4/28/2030 the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Limitations Quantity | | Units | | Other Units | | Units | Monitoring Requirements Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 78470 - (Nitrogen, Sludge Tot. Dry Wt) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 51020 - (Organic Nitrogen) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 00927 - (Magnesium,Tot (as Mg)) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

## B. SCHEDULE OF COMPLIANCE

1. **The permitee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :**

| | |
|---|---|
| Sep 01, 2025: | The permittee shall submit a plan of action outlining measures to be taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Dec 01, 2025: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Mar 01, 2026: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Jun 01, 2026: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Sep 01, 2026: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Dec 01, 2026: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Mar 01, 2027: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Jun 01, 2027: | The permittee shall have completed any designs and/or studies necessary to comply with the final effluent limitations for fluoride at Outlet 001. The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Sep 01, 2027: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Dec 01, 2027: | The permittee shall begin any necessary construction of upgrades or system modifications to achieve compliance with the final effluent limitations for fluoride at Outlet 001. The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Mar 01, 2028: | The permittee shall submit a quarterly progress report summarizing actions that have been taken to achieve compliance with the final effluent limitations for fluoride at Outlet 001. |
| Jun 01, 2028: | The permittee shall complete any necessary construction/upgrades and achieve compliance with the final effluent limitations for fluoride at Outlet 001. |

2. **Reports of compliance or non-compliance with, and progress reports on interim and final requirements contained in the above compliance schedule, if any, shall be postmarked no later than 14 days following each schedule date.**

## Section C - Other Requirements

1. The herein-described treatment works, structures, electrical and mechanical equipment shall be adequately protected from physical damage by the maximum expected one hundred (100) year flood level, and operability shall be maintained during the twenty-five (25) year flood level.
2. The entire sewage treatment facility shall be adequately protected by fencing.
3. The proper operation and maintenance of the listed sewage treatment facility shall be performed, or supervised, by a certified operator possessing at least a Class IV certificate for Wastewater System Operators, as issued by the State of West Virginia. The on-site attendance of this facility's Class IV operator shall be determined, and directed, by the Bureau for Public Health, Office of Environmental Health Services.
4. The arithmetic mean of values for effluent samples collected in a period of seven (7) consecutive days shall not exceed 45.0 mg/l for five (5) day Biochemical Oxygen Demand (BOD5), winter limitation, and Total Suspended Solids (TSS). Furthermore, the permittee may submit mitigating factors as an attachment to its Discharge Monitoring Report (DMR) related to an excursion of this requirement. The Director may choose to take those mitigating factors into consideration in determining whether enforcement action is required.
5. The permittee shall submit monthly according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration and/or quantities the values of the constituents listed in Section A analytically determined to be in the plant effluent(s). Additional information pertaining to effluent monitoring and reporting can be found in Appendix A, Part III.
6. The required DMRs shall be received by the agency no later than 25 days following the end of the reporting period in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

```
Director                                    U. S. Environmental Protection Agency
Division of Water and Waste Management      Region III, Water Protection Division
601 57th Street, SE                         NPDES Enforcement Branch (3WP42)
Charleston, West Virginia  25304            1650 Arch Street
Attn: Permitting Program                    Philadelphia, PA  19103

Department of Environmental Protection
Environmental Enforcement
1000 Technology Drive, Suite 3220
Fairmont, West Virginia 26554
```

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
7. DELETED.
8. The permittee shall not use alternate DMRs without prior approval from this agency.
9. In conjunction with all other reporting requirements of this permit, copies of all future correspondence regarding this permit will be forwarded to the Environmental Inspector and Environmental Inspector Supervisor at the following address:

```
Department of Environmental Protection
Environmental Enforcement
1000 Technology Drive, Suite 3220
Fairmont, West Virginia 26554
```

## Section C - Other Requirements

10. The average daily design flow of the Publicly Owned Treatment Works (POTW) has been established at 8.0 million gallons per day (MGD). When the average monthly effluent flow reported on Discharge Monitoring Reports reaches, or exceeds, 90 percent of the established average design flow (7.2 MGD) during three (3) consecutive monthly periods, the permittee shall submit a Plan of Action to the Director. The Plan of Action shall present, at a minimum, an analysis of current hydraulic and organic loadings on the plant, an analysis of the future projected loadings, and a Schedule of Tasks to accomplish procedures necessary to maintain required treatment levels.

    Should the permittee experience and report average monthly flows at or greater than 7.2 MGD during three (3) consecutive monthly periods, but can demonstrate that these monthly average flows resulted from the maximization of wet weather flow through the POTW in accordance with the Combined Sewer Overflow requirements of this permit, then submission of the following information shall satisfy the requirement in Section C.10 above for the submission of a Plan of Action:

    a. During the period, compliance with applicable BOD5, TSS, and Fecal Coliform effluent limitations was maintained.

    b. Average monthly dry weather flows experienced at the POTW over the period are less than 7.2 MGD.

    c. The permittee is compliant with the Combined Sewer Overflow requirements of this permit, and that continued operation in accordance with said requirements will ensure the maintenance of required treatment levels.

11. Should any future collection system extensions be projected to cause an increase in the wastewater flow to the POTW that is equal to or greater than 400,000 gallons per day (5% of average monthly design flow), then the permittee shall immediately contact the Director to secure approval of said extension. After consideration of the complexity of the projected extension and the available treatment capacity of the POTW, the Director may require the permittee to seek approval of said extension through a modification of the permit.

12. All monitoring shall be conducted in accordance with sample collection, preservation, and analytical procedures specified in 40 CFR Part 136. The analytical test procedures, set forth in 40 CFR Part 136, prescribe colorimetric methods for certain parameters. The digestion process for the performance of total recoverable is not sufficient for the utilization of a colorimetric procedure. Therefore, colorimetric procedures shall not be acceptable for the analysis of parameters prescribed as total recoverable.

13. Effluent monitoring for the following pollutants shall be conducted using the most sensitive methods and detection levels commercially available and economically feasible. The following methods are to be used unless the permittee desires to use an EPA Approved Test Method with a listed lower method detection level (MDL). Regardless, it is recognized that detection levels can vary from analysis to analysis and that non-detect results at a different MDL for the specified test method would not constitute a permit violation.

| Parameter | EPA Method No. | Method Detection Level (ug/l) |
|---|---|---|
| Copper, Total Recoverable | 200.8 | 0.5 |
| Lead, Total Recoverable | 200.8 | 0.6 |
| Zinc, Total Recoverable | 200.8 | 1.8 |
| Chromium, Dissolved Hexavalent | 218.6 | 0.6 |
| Arsenic, Total | 200.8 | 1.4 |
| Nickel, Total Recoverable | 200.8 | 0.5 |
| Cadmium, Total Recoverable | 200.8 | 0.5 |
| Silver, Total Recoverable | 200.8 | 0.1 |
| Mercury, Total* | 245.7 | 0.0018 |
| Mercury, Total* | 1631 | 0.0002 |
| Cyanide, Free | Refer to Section C.14 | |

*The permittee may use either Method 245.7 or Method 1631 for the analysis of mercury.

14. For the measurement of Free Cyanide, the permittee shall use the standard method for weak acid dissociable cyanide, as specified in the latest edition of Standard Methods.

## Section C - Other Requirements

15. The Division recognizes that the permittee may not be able to achieve established MDLs due to matrix interferences. The Division also believes that it is important to distinguish between instances when the MDLs are not achieved due to poor laboratory technique and when, in fact, matrix interferences do occur. Therefore, if the permittee believes that it cannot achieve an MDL sensitive enough to confirm compliance, then the permittee may pursue the development of a lab-specific MDL in accordance with procedures outlined and specified in Appendix B of 40 CFR Part 136. Should it be determined that there are matrix interferences which preclude the permittee's certified laboratory from achieving the published MDL, the permit may be reopened and the MDL can be modified accordingly.

16. In incidences where a specific test method is not defined, the permittee shall utilize an EPA approved method with a MDL sensitive enough to confirm compliance with the permit effluent limit for that parameter. If a MDL is not sensitive enough to confirm compliance, the most sensitive approved method must be used. If a more sensitive EPA approved method becomes available, that method shall be used. Should the current and/or new method not be sensitive enough to confirm compliance with the permitted effluent limit, analytical results reported as "not detected" at the MDL of the most sensitive method available will be deemed compliant for purposes of permit compliance.

17. Any "not detected (ND)" sampling result obtained by the permittee must be "ND" at the method detection limit (MDL) for the test method used for that parameter and shall be reported on the DMR as less than the MDL used (<MDL). The permittee shall not report a sampling result as Zero or "ND" or report the result as less than a minumum level (ML), reporting limit (RL), or practical quantitation limit (PQL).

    When averaging values of analytical results for DMR reporting purposes for monthly averages, the permittee should use actual analytical results when these results are greater than or equal to the MDL and should use zero (0) when these results are less than the MDL. If all analytical results are non-detect at the MDL (<MDL), then the permittee should use the actual MDL in the calculation for averaging and report the result as less than the average calculation.

18. Over the term of this permit, the permittee is allowed up to one (1) excursion of the maximum daily fecal coliform effluent limitation prescribed in Section A.001. The number of allowed excursions is based upon one (1) percent of the number of required self-monitoring events. Utilization of the excursion allowance is conditioned as follows:

    a. Excursion allowances are afforded only to self-monitoring results and only when self-monitoring activities assess compliance with the maximum daily effluent limitation by analysis of an individual grab sample. No excursion allowance can be applied to analytical results obtained by representatives of the Director in the performance of their compliance assessment activities. Additionally, representatives of the Director may assess compliance with the maximum daily effluent limitation by collection and analysis of an individual grab sample.

    b The excursion allowance is contingent upon the permittee's prompt return to compliance as evidenced by the next required fecal coliform self-monitoring event.

    c. The result for which an excursion allowance is claimed shall be included in the calculation of the average monthly effluent value.

    d. Should an excursion allowance be utilized by the permittee, said allowance shall be reported as an attachment to the Discharge Monitoring Report. This attachment should state that (1) an excursion allowance was taken in accordance with the requirements outlined above, (2) the total number of allowances taken to date during the term of this permit, and (3) the total number of allowances remaining during the term of this permit. The permittee shall maintain an on-site record of the excursion allowances utilized during the term of the permit.

19. The permittee shall be required to test the sewage treatment plant's influent in order to calculate the percent (%) removal parameters for BOD5 and TSS contained in Section A.001 of this permit. Influent sampling requirements include:

    a. Percent removal shall be defined as a percentage expression of the removal efficiency across the wastewater treatment plant for a given pollutant parameter, as determined from the thirty day average values of the influent concentrations to the facility and the thirty day average effluent pollutant concentrations. Only influent and effluent samples taken concurrently as specified below shall be used for reporting.

## Section C - Other Requirements

19. b. Influent BOD5 and TSS samples shall be collected using the permittee's established sampling schedule at least four (4) times per month for the wastewater treatment facility. The permittee should not vary from their established sampling schedule, however, they should attempt to collect at least two (2) wet weather-influent samples per month and two (2) dry weather-influent samples per month. Additionally, the Division recognizes that meteorological conditions during any specific week, or any specific month, may prevent the collection of dry weather or wet weather samples during the established sampling schedule at the recommended frequencies. If the permittee does not discharge during wet-weather conditions, the permittee should indicate "No wet weather discharge" on the Discharge Monitoring Report for that reporting period.

    c. The permittee shall collect representative BOD5 and TSS influent samples using their established sampling procedures over a 24 hour period.

    d. Influent BOD5 and TSS sampling shall be performed over the same 24 hour time period as the effluent BOD5 and TSS sampling.

    e. Wet weather shall be defined for this specific requirement as a day in which the total measured volume of wastewater through the wastewater plant at Outlet No. 001 exceeds 8.0 MGD.

20. Total Residual Chlorine (TRC) self-monitoring and compliance evaluations shall be performed as follows:

    a. The permittee shall use EPA-approved (or accepted) analytical methods that are sensitive enough to determine compliance with calculated permit effluent limitations. Examples of acceptable methods that meet the method detection limit (MDL) requirements are:
    HACH ULR Chlorine Residual DPD Colormetric Method 10014 (Published MDL of 2 ug/l)
    HACH Chlorine Amperometric Back Titration Method 10025 (Published MDL of 6 ug/l).

    b. The calculated permit effluent limitations for TRC in most current circumstances are not quantifiable using EPA approved (or accepted) analytical methods. An interim minimum level (IML) is calculated when a method-specified minimum level does not exist. The IML is approximately equal to 3.18 times the lab-specified MDL. Based upon current knowledge and technology, the Division has determined that an interim minimum level of 100 ug/l shall be used as the compliance evaluation level for TRC.

    c. Matrix interference precludes most of the State's certified WWTP laboratories from achieving the published MDL as specified and also precludes the Division from determining compliance with the calculated permit effluent limitations for TRC. Based upon data collected concerning lab-specific MDLs by the Division from a number of the State's certified WWTP laboratories, it has been determined that a WV-specified reporting level for TRC should be established at 32 ug/l.

    d. When actual analytical results are greater than or equal to 32 ug/l, the permittee shall report these actual analytical results on the Discharge Monitoring Report (DMR). The permittee shall report "less than (<) 32 ug/l" on the DMR when results are less than the WV-specified MDL.

    e. When calculating averages of analytical result values, the permittee shall use the actual analytical result when these results are greater than or equal to 32 ug/l. Additionally, when calculating averages of analytical result values, the permittee shall use zero (0) when the actual analytical result obtained is less than 32 ug/l.

21. The permittee shall annually (1/year) perform chronic toxicity tests as described below, on the effluent from Outlet No. 001:

    a. Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. 24-hour flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing. An appropriate statistical test shall be used to determine whether differences in control and effluent data are significant.

        1) The permittee shall conduct a three (3) brood (6-8 days) Ceriodaphnia Dubia survival and reproduction toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confident level in survival or reproduction between Ceriodaphnia Dubia exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20 percent of the test organisms die, or less than 60 percent of surviving females in controls produced their third brood, that test shall be repeated.

## Section C - Other Requirements

21. a. 2) The permittee shall conduct a seven (7) day Pimephales Promelas fathead minnow larval survival and growth toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confidence level in survival or growth between fathead minnows exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20 percent of the test organisms die, or average dry weight of surviving controls was less than 0.25 mg/l that test shall be repeated.

b. Results shall be reported in terms of chronic toxic units (TUc) and shall be submitted with the corresponding monthly Discharge Monitoring Report (DMR).

TUc= 100/NOEC or NOEL
Where NOEC (or NOEL) is No Observed Effect Concentration (or Level), which is expressed as percent (volume) effluent in dilution water.
For Example, if NOEC is 10%, TUc= 100/10=10

When the effluent demonstrates no toxicity at 100% effluent (no observed effect), the permittee may report zero TUc.

c. The monitoring required, herein, shall be conducted in accordance with the sample collection, preservation, and analytical procedures specified in 40 CFR Part 136.

d. In addition to the monitoring data reporting requirements of 40 CFR Part 136, the exact age of the test organisms at the initiation of the test shall be reported. Values of less than or equal to 24 hours are acceptable for Pimephales Promelas, fathead minnow. The range of the Ceriodaphnia Dubia used must be reported as a range in hours. All Ceriodaphnia Dubia used in the test must be less than 24 hours of age at test commencement. The age difference between the youngest and oldest Ceriodaphnia Dubia used in the test must not exceed eight (8) hours.

e. There shall be a minimum of three (3) months between required sampling events.

f. If chronic effluent toxicity testing exceeds levels of 4.1 TUc, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial demonstration of the exceedance. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.

g. If the second test does not show an exceedance, chronic effluent toxicity testing shall continue in accordance with the requirements, as prescribed herein. However, if the second test shows an exceedance, the Director shall impose further requirements, as may be necessary.

h. The Director may impose further requirements should the chronic effluent toxicity testing results demonstrate an irregular pattern of exceedances.

22. The permittee may accept sewage sludge and/or domestic septage into its wastewater treatment facility for subsequent treatment and disposal. Approval is subject to, and contingent upon, compliance with the following terms and conditions:

a. The septage hauler(s), from which the permittee accepts sewage sludge and/or domestic septage, shall be registered to operate under the General Permit for sewage sludge and/or septage handling and disposal. The permittee should obtain and maintain a copy of the septage hauler(s) general permit registration(s) as part of its recordkeeping.

c. The permittee shall report monthly on the enclosed Sewage Sludge Management Report the amount of sewage sludge and/or domestic septage accepted.

d. The permittee shall assure that the acceptance and processing of any sewage sludge and/or domestic septage does not result in effluent discharge limitation violations, or adversely impact sludge disposal.

e. The permittee shall coordinate the acceptance of sewage sludge and/or domestic septage during wet weather flow periods, with the implementation of the maximization of the facilities.

## Section C - Other Requirements

22. f. Approval of the permittee's acceptance of sewage sludge and/or domestic septage in no way relieves the permittee of its obligation to comply with all terms and conditions of its WV/NPDES Water Pollution Control Permit and shall not constitute an affirmative defense in any enforcement action brought against the permittee.

23. Unless otherwise authorized under Section A or Section F of this permit, any discharge from any point other than a permitted treatment system outfall or a permitted combined sewer system outfall is expressly prohibited. In the event there is a prohibited discharge from a sewer conveyance system, the permittee shall follow the reporting requirements contained in Appendix A, Part IV, Section 2.

24. The permittee shall implement and maintain the storm water pollution prevention plan (SWPPP) for the site. The SWPPP shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with the industrial activity. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with the industrial activity at the facility and to assure compliance with the terms and conditions of this permit. A copy of the plan shall be retained at the site for review upon request.

25. The following storm water requirements apply to Outlets 085-089:

    a. Samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Samples shall be taken during the first thirty (30) minutes, or as soon thereafter as practicable, of the storm event.

    b. Each outlet shall be monitored separately.

| Pollutant | Benchmark Value |
|---|---|
| Biological Oxygen Demand | 30.0 mg/l |
| Chemical Oxygen Demand | 120.0 mg/l |
| Total Suspended Solids | 100.0 mg/l |
| Ammonia Nitrogen | 4.0 mg/l |
| Iron, Total Recoverable | 1.5 mg/l |
| pH | 6.0 - 9.0 SU |
| Oil & Grease | 15.0 mg/l |

    c. When the concentration results from a minimum of four (4) consecutive samples of a pollutant are all less than the corresponding benchmark value for the pollutant, additional monitoring for the pollutant is not required (all pH values of the samples must be within the range 6.0 to 9.0 S.U.). The facility shall submit, each year, to the Division of Water and Waste Management, in lieu of the monitoring data, a certification (form will be provided upon request) that there has not been a significant change in the industrial activity or the pollution prevention measures in the area of the facility that drains to the outlet for which sampling is to be waived. If the concentration of a pollutant exceeds the corresponding benchmark concentration or a pH value is not within the range of 6.0 to 9.0 S.U., monitoring shall be continued and storm water pollution prevention practices shall be revised and implemented. A letter stating the revised and implemented storm water pollution prevention practices shall be submitted to the Division of Water and Waste Management at the address listed in Section C.6.b. The benchmark and monitoring waiver aproach described above does not apply to pollutants with effluent limitations imposed in Section A of this permit.

26. If there is evidence indicating potential or realized impacts on water quality due to any stormwater discharge associated with the wastewater treatment facility covered by this permit, the permit may be promptly modified and/or reissued to include effluent limitations and/or other requirements to control such storm water discharges.

27. The permittee shall be required to sample the discharge from Outlet No. 001 for the pollutants listed in Appendix J, Table 2 of 40 CFR 122 as part of its next reissuance permit application following the procedures listed below. This sampling data shall be submitted as a necessary part of the next reissuance permit application.

    a. Grab samples shall be collected for pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, fecal coliform, mercury, and volatile organics. Twenty-four (24) hour composite samples shall be collected for all other pollutants found in Appendix J, Table 2 of 40 CFR 122.

## Section C - Other Requirements

27. b. A minimum of three (3) test results for each pollutant shall be obtained a minimum of four (4) months apart. Each sampling result shall be collected in a manner to be representative of seasonal variations (such as April, August, and December).

    c. All data collected over the term of the previous permit for a specific pollutant shall be summarized and submitted to the agency by the permittee.

    d. The sample collection, preservation, and analysis shall be conducted in accordance with the procedures of 40 CFR Part 136. The permittee shall assure that all required quantitative data are collected in accordance with sufficiently sensitive analytical methods approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O. For the purposes of this requirement, a method approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O is "sufficiently sensitive" when:

        i) The method minimum level (ML) is at or below the level of the applicable water quality criterion for the measured pollutant or pollutant parameter; or

        ii) The method ML is above the applicable water quality criterion, but the amount of the pollutant or pollutant parameter in a facility's discharge is high enough that the method detects and quantifies the level of the pollutant or pollutant parameter in the discharge; or

        iii) The method has the lowest ML of the analytical methods approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O for the measured pollutant or pollutant parameter.

        iv) When there is no analytical method that has been approved under 40 CFR part 136, required under 40 CFR chapter I, subchapter N or O, and is not otherwise required by the Director, the applicant may use any suitable method but shall provide a description of the method. When selecting a suitable method, other factors such as a method's precision, accuracy, or resolution, may be considered when assessing the performance of the method.

28. The permittee operates and maintains a Combined Sewer System (CSS), and as a result must implement the needed procedures in order to effectuate compliance with the terms and conditions of the Federal Combined Sewer Overflow Policy and the State Combined Sewer Overflow Strategy. Maximization of flow to the wastewater treatment plant is a requirement. The permittee has determined that the wastewater treatment plant is capable of handling a flow of 12.0 million gallons per day (MGD) through its secondary treatment trains without impacting compliance with the concentration effluent discharge limitations for five (5) day Biochemical Oxygen Demand, Total Suspended Solids, and Ammonia Nitrogen. In order to afford the permittee opportunity to implement maximization, mass limitations for these parameters have been established utilizing a flow of 12.0 MGD.

    a. While the permittee is required to maximize flow to the wastewater treatment plant, this in no way relieves the permittee of its obligation to comply with all terms and condition of the permit. As such, the permittee must ensure that the wastewater treatment facility is attaining all of the discharge requirements and effluent discharge limitations set forth in the permit.

    b. The recognition being afforded in Section C.28.a, above, shall not constitute an affirmative defense in any enforcement action brought against the permittee for violations of the WV/NPDES Water Pollution Control Permit.

29. This permit does not afford regulation of any separate storm water outlet or discharge in the collection system. Any storm water discharge (s) resultant to the wastewater collection system improvements project shall be regulated, as applicable, under the terms and conditions of the Municipal Separate Storm Sewer System (MS4) General Permit and the appropriate registration.

30. Combined sewer overflow outlets should not be removed from the permit until the outlet is permanently eliminated. The adjustment to the combined sewer overflow outlets shall be performed as a part of a future permit proceeding.

## Section D - Sewage Sludge Management Requirements

1. The permittee shall monitor and report monthly on the enclosed Sewage Sludge Management Report form the quality and quantity of sewage sludge produced. The required report shall be received by the agency no later than 25 days following the end of the reporting period and in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

      **Director**
      **Division of Water and Waste Management**
      **601 57th Street SE**
      **Charleston, West Virginia 25304-2345**
      **Attention: Permitting Program**

      **Department of Environmental Protection**
      **Environmental Enforcement**
      **1000 Technology Drive, Suite 3220**
      **Fairmont, West Virginia 26554**

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
2. The permittee shall provide copies of monthly reports to the county or regional solid waste authority in which the facility or land application site(s) is located.
3. The Sewage Sludge Monitoring Report form shall be submitted quarterly. The required report shall be received by the agency no later than 25 days following the end of the reporting period and in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

      **Director**
      **Division of Water and Waste Management**
      **601 57th Street SE**
      **Charleston, West Virginia 25304-2345**
      **Attention: Permitting Program**

      **Department of Environmental Protection**
      **Environmental Enforcement**
      **1000 Technology Drive, Suite 3220**
      **Fairmont, West Virginia 26554**

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
4. In conjunction with all other reporting requirements of this permit, copies of all future correspondence regarding this permit will be forwarded to the Environmental Inspector and Environmental Inspector Supervisor at the following address:

   **Department of Environmental Protection**
   **Environmental Enforcement**
   **1000 Technology Drive, Suite 3220**
   **Fairmont, West Virginia 26554**

## Section D - Sewage Sludge Management Requirements

5. The following method of sludge disposal shall be used for sewage sludge generated and/or processed at the permitted facility:

   Landfill Disposal: Sewage sludge may be disposed at a landfill by placing the sewage sludge in the landfill cell, provided that the landfill obtains approval from the Division of Water and Waste Management to allow the acceptance of sewage sludge from the permittee, and provided that the landfill(s) is/are identified in the permit application. Prior approval by the Division of Water and Waste Management is required to change landfill disposal site(s).

6. Areas used for processing, curing, and/or storage of sewage sludge shall be designed, constructed and operated to prevent release of contaminants to the groundwater and/or surface water.

7. All analyses performed on soils and sewage sludges shall be analyzed in accordance with analytical methods listed in 40 CFR Part 503.8 except that Nutrients may be analyzed in accordance with the most recently approved edition of Standard Methods and pH may be analyzed using EPA Method 9045D.

8. Sewage sludge disposed in a landfill cell shall be a non-hazardous material as defined in 40 CFR Part 261.24 and a minimum of 20 percent solids. If the sewage sludge is not 20 percent solids, a bulking agent may be used to achieve 20 percent solids before the sewage sludge is weighed in at the landfill. Alternative sludge disposal methods at the landfill can be utilized upon obtaining prior written approval from the Director of the Division of Water and Waste Management.

9. If sewage sludge is used for revegetation, or spread in any other manner at the landfill, the sewage sludge shall meet all of the land application requirements. These requirements include vector attraction and pathogen reduction methods, heavy metals limits, and abiding by an approved loading rate based on soil analyses.

10. The permittee shall maintain all records and reports of all monitoring required by Section D of this permit for five (5) years after the date of monitoring or reporting. Records should include all sample results; any landfill receipts; copies of all required reports; and records of all data used to complete these reports.

11. The limitations and/or monitoring requirements listed in Section A.S01 of this Permit shall apply to the sewage sludge or sewage sludge products.

12. The appropriate composite sampling procedures shall be based upon the particular sludge processing methods used by the permittee. The composite sampling procedures for the various methods are described as follows:

    Belt Press or Vacuum Filter - During the week that the composite sample is obtained, the permittee shall take a minimum of three (3) grab samples during each day of the week that the dewatering system is in operation. These grab samples are to be mixed together and the final sample obtained from the composite. Samples should be collected at a point immediately after the dewatering operation.

    Liquid Sludge - During the week that the composite sample is obtained, the permittee shall take a representative grab sample from each truck load of sewage sludge hauled during that week. These grab samples are to be mixed together and the final sample obtained from the composite. Samples should be collected from the sewage sludge being pumped into the truck or as the sewage sludge is being discharged from the truck.

    Sewage Sludge Drying Beds - During the week that the composite sample is obtained, the permittee shall take a minimum of four (4) grab samples from each bed finished during that week. These grab samples are to be mixed together and the final sample obtained from the composite.

    Composting or Stock Piles - The permittee shall obtain a minimum of eight (8) grab samples from the pile of finished product. These grab samples are to be mixed together and the final sample obtained from the composite.

13. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the Enlarged Hepzibah Public Service District treatment facilities (Erie Plant and Spelter Plant). Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

## Section D - Sewage Sludge Management Requirements

14. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the Pocahontas County Public Service District treatment facilities. Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

15. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the City of Shinnston treatment facilities. Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

## Section E - Approved Pretreatment Programs

1. The permittee shall implement the Industrial Pretreatment Program in accordance with the Clean Water Act and the regulations, 40 CFR Part 403, promulgated, thereunder. Also, the program shall be implemented in accordance with the program submission, approved on December 12, 2002 and as modified on August 31, 2007.
2. The permittee shall implement the program upon all industrial users of the Publicly Owned Treatment Works (POTW), irrespective of the geographical location of the users. The permittee shall secure and maintain adequate legal authority to control users located in Town of Anmore, Town of Stonewood, Town of Nutter Fort, East View PSD, Summit Park PSD, Sun Valley PSD, Greater Harrison PSD, as well as any users located in unincorporated areas outside the corporate boundaries of the City of Clarksburg.
3. The permittee shall submit proposed changes to the approved pretreatment program in accordance with 40 CFR Part 403.18, and shall obtain prior approval of Substantial Modifications as defined by 40 CFR Part 403.18(c).
4. At a minimum, the permittee's implementation of the pretreatment program shall meet the requirements as listed below:
   a. The permittee shall issue individual discharge permits to all significant industrial users (SIUs) as defined by 40 CFR Part 403.3(t). Permits shall contain the minimum requirements of 40 CFR Part 403.8(f)(1)(iii). The permittee shall reissue permits to SIUs prior to their expiration. Administrative extensions of expiring permits shall not be granted without written consent from the Director.
   b. The permittee shall inspect each SIU at least once per year. The annual inspection shall evaluate the manufacturing process, chemical storage areas, pretreatment facilities, spill prevention and control procedures, slug discharge control procedures, hazardous waste generation and disposal procedures, self-monitoring procedures and records.
   c. The permittee shall sample and analyze the nondomestic wastewater discharge(s) of each SIU at least once per year (1/year). Such monitoring shall include all parameters limited in the SIU's permit and shall be performed in accordance with 40 CFR Part 136, where applicable.
   d. The permittee shall perform quarterly assessments of SIU compliance, and document the names of SIUs that demonstrate significant noncompliance (SNC) and the SNC criteria violated. The permittee shall publish the name of any SIU that demonstrates significant noncompliance in the pretreatment year, as required by 40 CFR Part 403.8(f)(2)(vii). Publication shall occur, on or before the 31st day of August following the end of the annual program year (July 1 through June 30).
   e. The permittee shall take timely and appropriate enforcement for all instances of industrial user noncompliance in accordance with an Enforcement Response Plan as required by 40 CFR Part 403.8(f)(5). The permittee shall take "formal" enforcement actions against SIUs demonstrating Significant Noncompliance as defined by 40 CFR 403.8(f)(2)(vii). A formal enforcement action is an Administrative Order or other more stringent action.
   f. The permittee shall ensure that adequate resources (equipment and personnel) are available to fully implement the City's pretreatment program.
   g. The permittee's Maximum Allowable Headworks Loading (MAHL) and local limits were reviewed at this re-issuance in accordance with the proposed effluent limitations from Outfall 001. Local limits for all the pollutants are technically based. No change is needed for the local limits in the Sewer Use Ordinance.
5. The permittee shall conduct monitoring, at its wastewater treatment plant, as follows:
   a. The POTW effluent shall be monitored quarterly for total form of arsenic, mercury, cadmium, hexavalent chromium, copper, lead, nickel, silver, zinc, and free cyanide. For all parameters, except for free cyanide and mercury, 24 hour composite samples shall be obtained. An individual grab sample shall be obtained for free cyanide and mercury. Effluent monitoring shall be performed concurrent with influent monitoring required in Section E.5.b of the pretreatment requirements.

## Section E - Approved Pretreatment Programs

5. b. The POTW influent shall be monitored on a quarterly basis for total form of arsenic, mercury, cadmium, hexavalent chromium, copper, lead, nickel, silver, zinc, and free cyanide. For all parameters, except free cyanide and mercury, 24 hour composite samples shall be obtained. An individual grab sample shall be obtained for free cyanide and mercury. Influent monitoring shall be performed concurrent with effluent monitoring required in Section E.5.a of the pretreatment requirements.

   c. The permittee shall conduct annual (1/year) monitoring of the POTW influent for all priority pollutants not specified in Section A.001. For volatile organics, a minimum of four (4) individual samples shall be obtained. The samples may be analyzed separately, or may be combined in the laboratory, using flask or purge device compositing techniques, as specified in EPA's draft guidance, VOA Compositing Procedures, and the composite sample then analyzed. Twenty-four (24) hour composite samples shall be obtained and analyzed for base neutrals, acid extractables, pesticides and metals.

   If priority pollutants are non-detect at the method detection level in the first year of the permit, then these pollutants need only be monitored only in the final year of the permit. The pollutants that are present above the method detection level must be monitored annually and a source identification assessment shall be conducted for those pollutants. If a successive year's sampling for a pollutant results in a non-detect, then sampling for these pollutants need only be monitored in the final year of the permit. Influent sampling during the final year of the permit shall be conducted at a time such that the results can be provided with the reissuance application.

   d. The permittee shall conduct monitoring of the POTW's dewatered sludge as required by 40 CFR Part 503 and in accordance with Section D of this permit and the WV Sludge Management Regulations.

6. On or before the 31st day of August following the end of the annual program year (July 1 through June 30), the permittee shall submit an annual report that describes the permittee's pretreatment implementation activities of the previous program year (July 1 through June 30). The annual pretreatment program report shall include the following information:

   a. SIU Listing - Provide an updated list of all current SIUs. The list shall indicate which SIUs are subject to Categorical Pretreatment Standards, and the applicable standard.

   b. SIU Permits - Provide a list of the issuance and expiration dates of each SIU permit, and the names of SIUs that are without a valid permit.

   c. Sampling and Inspection - Provide the number of inspections and sampling events performed by the permittee at SIUs and a listing of SIUs that were not sampled and the SIUs that were not inspected.

   d. Compliance and Enforcement - Provide a summary of the violations of the pretreatment standards and requirements that occurred during the year. The summary shall include the results of the quarterly SNC assessments required by Section E.4.d above, and for each SIU that demonstrated SNC, the permittee shall describe the specific enforcement action taken and the current compliance status of the SIU. The summary shall also provide the number(s) of each type of enforcement action taken by the permittee, and a copy of the published list of SIUs in SNC, as required by Section E.4.d above.

   e. POTW Operations - Provide a description of any interference, upset or permit violations experienced by the POTW which are attributable to the discharges of industrial users. A summary of the results of the influent, effluent and sludge monitoring required by Section E.5 above shall be included.

   f. Local Limitations - For each pollutant that a local limitation exists provide a summary of the current total available industrial load (MAIL) for the POTW and the allocation of that load to existing industrial users for the previous year. Include the loads allocated by the addition and/or deletion of industrial users and uncontrollable sources such as but not limited to domestic waste background loads, non-significant industrial users, etc. For each pollutant that a local limitation exists provide a summary of the influent loading as a fraction of the maximum allowable headworks loading (MAHL).

7. The Director and the U.S. EPA retain the right to require the permittee to institute changes to the pretreatment program if:

   a. The requirements of 40 CFR Part 403 are not satisfied by program implementation;

## Section E - Approved Pretreatment Programs

7. b. Problems such as interference, pass through, or sludge contamination develop;

c. Federal or State requirements change.

## Section F - Combined Sewer System Overflows

1. Outlet Numbers C002-C023, C025, C027-C028, C030, C033-C034, C036, C038, C040, C042, C044-C047, C049-C053, C057, C060, C062, C064-C065, C067B, C069, C072-C073, C077-C078, C081, and C082, listed below, serve as combined sewer relief points. Combined sewer overflows (CSOs) are allowed only when flows in the combined sewer system exceeds the conveyance and/or treatment capacities during wet weather periods. Wet weather shall be defined for this requirement as any period of time in which flows within the combined sewer system, or portion thereof, are being substantially influenced by rainfall, snowmelt, and/or other natural phenomena. Dry weather overflow events from any CSO are prohibited. The permittee shall ensure that all CSO events comply with the requirements found in Section F and any other pertinent portions of this permit. The requirements of this permit shall not supersede the 1994 CSO Policy or the recommended EPA Guidance for Nine Minimum Controls.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C002 | River Road<br>Latitude 39° 18' 06" N<br>Longitude 80° 21' 08" W | West Fork River<br>(Mile Point 29.05)<br>of the Monongahela River |
| C003 | Pearlman Avenue<br>Latitude 39° 17' 59" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 29.2)<br>of the Monongahela River |
| C004 | Adams Avenue<br>Latitude 39° 17' 30" N<br>Longitude 80° 21' 14" W | West Fork River<br>(Mile Point 30.12)<br>of the Monongahela River |
| C004B | West Pike Street<br>Latitude 39° 17' 18" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 30.44)<br>of the Monongahela River |
| C005 | Duncan Avenue<br>Latitude 39° 17' 01" N<br>Longitude 80° 21' 28" W | West Fork River<br>(Mile Point 30.97)<br>of the Monongahela River |
| C006 | River Avenue<br>Latitude 39° 16' 58" N<br>Longitude 80° 21' 25" W | West Fork River<br>(Mile Point 31.04)<br>of the Monongahela River |
| C007 | Hart Street<br>Latitude 39° 16' 53" N<br>Longitude 80° 21' 24" W | West Fork River<br>(Mile Point 31.16)<br>of the Monongahela River |
| C008 | Riverside Drive<br>Latitude 39° 16' 13" N<br>Longitude 80° 21' 22" W | West Fork River<br>(Mile Point 32.71)<br>of the Monongahela River |
| C009 | North and Hart Streets<br>Intersection<br>Latitude 39° 16' 51" N<br>Longitude 80° 21' 11" W | West Fork River<br>(Mile Point 31.38)<br>of the Monongahela River |
| C010 | Verdun Street<br>Latitude 39° 16' 18" N<br>Longitude 80° 21' 19" W | West Fork River<br>(Mile Point 32.58)<br>of the Monongahela River |
| C011 | Hart Street<br>Latitude 39° 16' 51" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 31.41)<br>of the Monongahela River |
| C012 | End of Verdun Street<br>Latitude 39° 16' 33" N<br>Longitude 80° 21' 23" W | West Fork River<br>(Mile Point 32.21)<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

| 1. Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C013 | Dane Street and Stadium Drive<br>Latitude 39° 16' 38" N<br>Longitude 80° 21' 06" | West Fork River (Mile Point 31.96) of the Monongahela River |
| C014 | Grove Avenue<br>Latitude 39° 16' 41" N<br>Longitude 80° 21' 05" W | West Fork River (Mile Point 31.88) of the Monongahela River |
| C015 | Ferry Street<br>Latitude 39° 16' 50" N<br>Longitude 80° 20' 57" W | West Fork River (Mile Point 31.7) of the Monongahela River |
| C016 | Grove Avenue<br>Latitude 39° 16' 42" N<br>Longitude 80° 21' 00" W | West Fork River (Mile Point 31.8) of the Monongahela River |
| C017 | College Street<br>Latitude 39° 17' 12" N<br>Longitude 80° 20' 36" W | Elk Creek (Mile Point 2.8) of the West Fork River of the Monongahela River |
| C018 | Park Boulevard<br>Latitude 39° 16' 47" N<br>Longitude 80° 20' 58" W | West Fork River (Mile Point 31.7) of the Monongahela River |
| C019 | Under Sixth Street Bridge<br>Latitude 39° 17' 00" N<br>Longitude 80° 20' 30" W | Elk Creek (Mile Point 1.14) of the West Fork River of the Monongahela River |
| C020 | Milford Street Bridge<br>Latitude 39° 16' 55" N<br>Longitude 80° 21' 06" W | Elk Creek (Mile Point 0.016) of the West Fork River of the Monongahela River |
| C021 | Between Fourth and Sixth Street Bridges<br>Latitude 39° 16' 59" N<br>Longitude 80° 20' 27" W | Elk Creek (Mile Point 1.196) of the West Fork River of the Monongahela River |
| C022 | Baltimore Avenue<br>Latitude 39° 17' 04" N<br>Longitude 80° 21' 08" W | Elk Creek (Mile Point 0.329) of the West Fork River of the Monongahela River |
| C023 | Between Fourth and Sixth Street Bridges<br>Latitude 39° 16' 58" N<br>Longitude 80° 20' 25" W | Elk Creek (Mile Point 1.237) of the West Fork River of the Monongahela River |
| C025 | Downstream of Fourth Street Bridge<br>Latitude 39° 16' 56" N<br>Longitude 80° 20' 21" W | Elk Creek (Mile Point 1.296) of the West Fork River of the Monongahela River |
| C027 | End of School Street<br>Latitude 39° 16' 55" N<br>Longitude 80° 20' 17" W | Elk Creek (Mile Point 1.361) of the West Fork River of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C028 | Brockway Parking Lot<br>Latitude 39° 17' 05" N<br>Longitude 80° 21' 06" W | Elk Creek<br>(Mile Point 0.546)<br>of the West Fork River<br>of the Monongahela River |
| C030 | North 8th Street<br>Latitude 39° 17' 09" N<br>Longitude 80° 20' 33" W | Elk Creek<br>(Mile Point 0.922)<br>of the West Fork River<br>of the Monongahela River |
| C033 | North 1st Street<br>Latitude 39° 16' 55" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.602)<br>of the West Fork River<br>of the Monongahela River |
| C034 | Sandy Boulevard<br>Latitude 39° 16' 50" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.689)<br>of the West Fork River<br>of the Monongahela River |
| C036 | Main Street Bridge<br>Latitude 39° 16' 51" N<br>Longitude 80° 20' 05" W | Elk Creek<br>(Mile Point 1.835)<br>of the West Fork River<br>of the Monongahela River |
| C038 | Monticello Avenue<br>Latitude 39° 16' 40" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.892)<br>of the West Fork River<br>of the Monongahela River |
| C040 | Monticello Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 2.023)<br>of the West Fork River<br>of the Monongahela River |
| C042 | Monticello Avenue<br>Latitude 39° 16' 28" N<br>Longitude 80° 20' 10" W | Elk Creek<br>(Mile Point 2.141)<br>of the West Fork River<br>of the Monongahela River |
| C044 | Elkins Lane<br>Latitude 39° 16' 19" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 2.483)<br>of the West Fork River<br>of the Monongahela River |
| C045 | East Main and Water Street<br>Latitude 39° 16' 43" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.833)<br>of the West Fork River<br>of the Monongahela River |
| C046 | Elkins Lane<br>Latitude 39° 16' 20" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 2.495)<br>of the West Rork River<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C047 | Water Street<br>Latitude 39° 16' 40" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.889)<br>of the West Fork River<br>of the Monongahela River |
| C049 | End of Washington Avenue<br>Latitude 39° 16' 38" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.927)<br>of the West Fork River<br>of the Monongahela River |
| C050 | Elkins Lane and Charles Street<br>Latitude 39° 16' 21" N<br>Longitude 80° 20' 03" W | Elk Creek<br>(Mile Point 2.517)<br>of the West Fork River<br>of the Monongahela River |
| C051 | Water Street<br>Latitude 39° 16' 36" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.967)<br>of the West Fork River<br>of the Monongahela River |
| C052 | End of Main Street<br>Latitude 39° 16' 25" N<br>Longitude 80° 20' 00" W | Elk Creek<br>(Mile Point 2.606)<br>of the West Fork River<br>of the Monongahela River |
| C053 | Water Street<br>Latitude 39° 16' 26" N<br>Longitude 80° 20' 12" W | Elk Creek<br>(Mile Point 2.181)<br>of the West Fork River<br>of the Monongahela River |
| C057 | Howard Street<br>Latitude 39° 16' 34" N<br>Longitude 80° 19' 44" W | Elk Creek<br>(Mile Point 2.92)<br>of the West Fork River<br>of the Monongahela River |
| C060 | End of Tyler Avenue<br>Latitude 39° 16' 29" N<br>Longitude 80° 19' 50" W | Elk Creek<br>(Mile Point 2.782)<br>of the West Fork River<br>of the Monongahela River |
| C062 | Buckhannon Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 19' 44" W | Elk Creek<br>(Mile Point 2.9)<br>of the West Fork River<br>of the Monongahela River |
| C064 | Stanley Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 19' 29" W | Elk Creek<br>(Mile Point 3.261)<br>of the West Fork River<br>of the Monongahela River |
| C065 | End of Oakland Avenue<br>Latitude 39° 16' 05" N<br>Longitude 80° 19' 30" W | Elk Creek<br>(Mile Point 4.611)<br>of the West Fork River<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C067B | Osage Court (East End)<br>Latitude 39° 16' 02" N<br>Longitude 80° 19' 17" W | Elk Creek<br>(Mile Point 4.823)<br>of the West Fork River<br>of the Monongahela River |
| C069 | Thorn Street<br>Latitude 39° 16' 20" N<br>Longitude 80° 21' 16" W | West Fork River<br>(Mile Point 32.53)<br>of the Monongahela River |
| C072 | Tuna Street<br>Latitude 39° 16' 16" N<br>Longitude 80° 19' 19" W | Elk Creek<br>(Mile Point 4.252)<br>of the West Fork River<br>of the Monongahela River |
| C073 | End of Camden Street<br>Latitude 39° 16' 14" N<br>Longitude 80° 21' 20" W | West Fork River<br>(Mile Point 32.65)<br>of the Monongahela River |
| C077 | North End of River Avenue<br>Latitude 39° 16' 53" N<br>Longitude 80° 21' 09" W | West Fork River<br>(Mile Point 31.45)<br>of the Monongahela River |
| C078 | Hope Gas Meter Station<br>Latitude 39° 16' 32" N<br>Longitude 80° 21' 04" W | West Fork River<br>(Mile Point 32.07)<br>of the Monongahela River |
| C081 | Manhole No. 18<br>Latitude 39° 17' 42" N<br>Longitude 80° 21' 30" W | West Fork River<br>(Mile Point 29.75)<br>of the Monongahela River |
| C082 | Manhole No. 42<br>Latitude 39° 17' 12" N<br>Longitude 80° 21' 20" W | West Fork River<br>(Mile Point 30.69)<br>of the Monongahela River |

2. Technology-Based Effluent Limitations For CSOs. The permittee shall comply with the following technology-based requirements:

a. CONDUCT PROPER OPERATION AND REGULAR MAINTENANCE PROGRAMS

The permittee shall prepare and implement a proper Operation and Maintenance Program for their combined sewer system (CSS). The permittee shall prepare, maintain, and implement a Combined Sewer Overflow (CSO) Operation and Maintenance Manual (OMM) describing routine operation, inspection, maintenance, and training activities. The OMM shall be reviewed and updated at least one time per year to ensure the OMM's accuracy. The OMM shall include, but is not limited to, the following listed elements.

1) The permittee shall establish an annual CSO budget and shall provide documentation of the process used to establish said budget in the OMM.

2) The permittee shall provide and document as a part of the OMM the following items:

i) Current and accurate sketch/map of CSS depicting CSO outfall locations, receiving streams, identified sensitive areas, and the location of rain gauges.

ii) For a minimum of three years, all inspection reports and forms, operation and maintenance logs, training records, customer complaints, and annual summaries of wet and dry weather CSO events.

iii) Accurate program documents that describes current operations, inspection, and maintenance procedures for any CSO equipment and structures.

iv) Summaries of up-to-date information concerning wet and dry weather CSO events that can be publicly viewed.

## Section F - Combined Sewer System Overflows

2. a. 3) The permittee shall establish municipal ordinances to prevent illicit CSS connections and to prevent dumping of debris into the CSS.

4) The permittee shall provide adequate training programs pertaining to CSO activities for the staff.

5) The permittee shall identify and document any sensitive areas (e.g. receiving stream segments having primary contact recreation uses, marinas and boat ramps, drinking water intakes, public parks) and shall document whether there are CSOs outfalls discharging in or just upstream of these sensitive areas. Based on this information, CSO outfalls shall be prioritized for proper development of CSO controls.

6) The permittee shall establish and maintain regularly scheduled outfall inspections with procedures that can accurately detect and document wet and dry weather CSO discharge events.

7) The permittee shall maintain, at a minimum, one (1) rain gauge in order to obtain measurements of local precipitation during wet weather periods. Additional gauges may be required depending upon the size of the CSS. The rain gauge measurement data shall be submitted as a part of the periodic reports and will assist the permittee in developing an accurate characterization of the CSS during wet weather CSO discharge events.

8) The permittee shall prepare a list of critical CSO equipment and shall establish and properly document a preventive maintenance schedule for said equipment. The permittee shall properly document any repairs made to the CSS and/or CSO equipment/structures.

9) The permittee shall establish, implement, and document a routine maintenance schedule for the following specific activities described and listed below. There may be need to do some of these activities at times by necessity; however, an established schedule to routinely complete these activities shall be put in place.

i) Routine inspection and cleaning of catch basins and manholes.
ii) Routine inspection , cleaning and maintenance of lift stations including pumps.
iii) Routine vacuum cleaning and/or jet flushing of the combined sewer system.
iv) Routine street cleaning.
v) Routine inspections of portions of the combined collection system.

10) Periodic inspections of grease traps from restaurants, schools, and other facilities with food services shall be conducted and documented. Periodic inspections of businesses and /or other customers that may be contributing waste streams other than domestic sewage shall be conducted and documented.

11) The permittee shall establish a procedure detailing how CSS customer complaints are taken, tracked, processed, and resolved. A summary of complaints and resolutions for the past three years shall be readily available for review by the public or the WVDEP.

b. MAXIMIZE USE OF STORAGE IN COLLECTION SYSTEM

The permittee shall identify, and document in the OMM, portions of the combined sewer system (CSS) usable for storage and determine the CSS storage capacity including the configuration, size, and lift station capacities. The permittee shall identify, and document in the OMM, any unused tanks or piping that could potentially be used as off-line storage at the existing facilities. The permittee shall identify any bottlenecks in the combined sewer system and provide recommendations on increasing flows through these areas. The permittee shall identify procedures (and document them in the OMM) such as pre-storm drawdowns of lift station wet wells and interceptor collection lines that could provide additional wet weather storage capacity.

c. REVIEW AND MODIFICATION OF PRETREATMENT PROGRAM

The permittee shall document in the OMM, the procedures used to inspect and evaluate the necessity of pretreatment for indirect non-domestic wastewater dischargers (i.e., restaurants, gasoline stations, garages, funeral homes, hospitals, schools, etc.) to minimize their impacts on CSO discharges. The permittee shall maintain a list of non-domestic dischargers to their combined collection systems and evaluate the necessity to require dischargers to reduce or cease their discharges during wet weather periods when CSO discharges are occurring. A summary of pretreatment inspections or evaluations shall be submitted as a part of the CSO Summary Report (CSR) as required in Section D.6 below.

## Section F - Combined Sewer System Overflows

2. d. MAXIMIZATION OF FLOW TO POTW FOR TREATMENT

The permittee shall document the plans and procedures being implemented to maximize the combined wastewater flow to the POTW during wet weather events and to deliver as much of the combined wastewater flow as possible to the treatment plant within the treatment plant's hydraulic capacity and the treatment plant's constraints as imposed by the permit effluent limitations. The plan shall be documented in the OMM and a summary of any ongoing activities shall be submitted as a part of the periodic CSO Summary Report (CSR). The permittee shall evaluate annually and document any maximization procedures implemented including the following:

1) Because accuracy in measuring flow is a critical element in CSO control, the permittee shall calibrate the WWTP's flow measurement devices each year and shall document in a log when these calibrations occur. If possible, the permittee should use a staff gauge or other plant flow measuring device, to check for flow measurement accuracy at least one time a month (1/month) and document these checks in a log.
2) Evaluate and document the performance of critical CSO equipment in the combined sewer system and POTW.
3) Evaluate and document the potential of raising CSO diversion weirs or other devices to the maximum heights possible to reduce CSO activity.
4) Evaluate and document the comparison between existing flow rates to design capacity for both the POTW and the lift station pumps.
5) Evaluate and document the capacities of major interceptors and pumping stations delivering flows to the POTW.
6) Evaluate and document wet weather flow rates to the POTW compared to typical dry weather flows.
7) Evaluate and document whether some portion of wet weather flow could receive partial treatment at the POTW.
8) Evaluate and document the status of any excessive inflow and infiltration (I&I) correction projects.
9) Evaluate and document whether CSO discharge events are occurring even when the POTW flow volumes at the POTW falls below the rated design capacity. If occurrences are happening, develop corrective actions that can be taken to prevent recurrence.

e. ELIMINATION OF CSOs DURING DRY WEATHER

Dry weather overflows (DWO) from CSOs are prohibited and shall be reported to the WVDEP's emergency spill line within 24 hours of its detection. The permittee shall conduct annual evaluations for the following:

1) Evaluate the number of reported DWO events that have occurred during the past three years.
2) Determine the causes of DWO, and provide the actions that the permittee has taken and will take in the future to prevent recurrence.
3) Evaluate the existing methods of detecting DWO and their efficacy.
4) Evaluate remediation procedures for the treatment, removal, or flushing of objectionable materials deposited in receiving streams or the stream bank after DWO - due to either complaints or health issues.
5) Evaluate whether a DWO event could potentially directly endanger the health of recreational stream users or the environment itself.
6) Identify the processes used to make these evaluations and document them in the OMM.
7) A summary of these annual results shall be submitted as a part of the CSO Summary Report (CSR).

## Section F - Combined Sewer System Overflows

2. f. CONTROL OF SOLIDS AND FLOATABLE MATERIALS

The permittee shall control solid and floatable materials discharging from all CSO discharges and the permittee shall have these objectionable materials removed should an abnormally large amount of these materials be deposited in the receiving stream or on the stream bank. The permittee shall conduct an annual evaluation of past performance, and recommend corrective actions to reduce the presence of solids and floatable materials in CSO discharges and the receiving steam. The process of making these evaluations shall be documented in the OMM. Actions taken to control solid and floatable materials shall be documented in the CSO Summary Report (CSR). The following list is items that should be reviewed:

1) The permittee shall evaluate and implement control technologies at each outfall to control solids and floatable materials. These technologies should be maintained and documented.
2) The permittee shall evaluate and give consideration to installing screens at catch basins and or outfall structures prior to discharging to receiving streams.
3) The permittee shall evaluate having annual leaf pickups as a preventative measure.
4) The permittee shall evaluate having a community recycling programs as a preventative measure.
5) The permittee shall evaluate providing trash containers in high traffic areas.
6) The permittee shall evaluate their control of illegal dumping and their enforcement of local litter laws.
7) The permittee shall evaluate and give consideration to installing outfall booms, netting, etc. for control of floatable materials.
8) The permittee shall evaluate the effectiveness of a street cleaning program.

g. POLLUTION PREVENTION

The permittee shall summarize any pollution prevention activity in the CSO Summary Report (CSR), and conduct an annual evaluation and recommend corrective actions. The following items should be evaluated:

1) The permittee shall evaluate the need for source control measures at the government level for pollution prevention.
2) The permittee shall provide educational opportunities for the general public concerning the need for their assistance to reduce pollution reaching the combined sewer system.
3) The permittee shall evaluate the opportunity of organizing the collection and disposal of household hazardous waste materials.

h. PUBLIC NOTIFICATION

The permittee shall conduct an annual evaluation on the effectiveness of its public notification process by reviewing and providing documentation of the following items:

1) The permittee shall ensure and document that adequate warning signs are installed at each CSO outfall that notify and alert the public to avoid contact with waters near or downstream of discharging CSO outfalls.
2) The permittee shall evaluate the feasibility and document that adequate warning signs are installed at public stream access points (e.g. marinas and boat launches) that notify and alert the public to avoid recreational contact with waters during or just after any CSO discharge.
3) The permittee shall develop and document procedures to provide to the general public, and specific entities that might be expected to be affected by CSO discharges, information concerning CSO discharge occurrences and their impacts to water quality in the receiving stream(s) (e.g. newspaper public notifications, newspaper advertisements, public service announcements on radio and/or television).
4) The permittee shall develop and document procedures for public notification in circumstances where public notification concerning of CSO discharge activity is critical and immediate.

## Section F - Combined Sewer System Overflows

2. h. 5) The permittee shall ensure and document the availability of CSO pamphlets for distribution and education of the general public.

6) The permittee shall ensure and document the availability of a logbook of CSO discharges and activities that is readily available for public review (e.g. payment offices, town halls, community centers).

7) The permittee shall evaluate and document any public education programs concerning CSOs and the community's response and any other plans addressing them.

8) The permittee shall record and document any public involvement including any comments or suggestions made by the public concerning CSOs.

9) The permittee shall notify the water treatment facility when CSOs upstream of the water intakes become active. The permittee shall document these notifications in a log.

i. MONITORING TO CHARACTERIZE CSO IMPACTS TO RECEIVING STREAMS AND THE EFFICIENCY OF CSO CONTROLS

The permittee shall monitor CSO outfall discharges and the receiving waters into which these CSOs discharge and shall characterize their impacts and also make determinations about concerning how well CSO controls are improving water quality in the receiving stream(s).

1) The permittee shall ensure and document that they have installed and are maintaining a rain gauge(s) to measure precipitation within the CSS drainage areas.

2) The permittee shall evaluate and document whether they use or can use stream gage information from the National Weather Service or the US Geological Survey to specify the amount and intensity of rain or snow events that could trigger CSO activity and also to obtain stream flow data for analysis.

3) The permittee shall ensure and document the specific location and the receiving stream of each CSO outfall in the CSS and shall also investigate and determine if any CSO outfalls discharge to environmentally sensitive areas. CSO outfalls that discharge to environmentally sensitive areas (i.e. near water intakes; near parks, schools, or marinas; water recreation areas or areas where there exists a high possibility of human contact and exposure; and areas likely to affect threatened or endangered animal species) should be given a high priority. Outfalls that have the highest frequency of discharge or that discharge the greatest volume of wastewater should also be considered a high priority.

4) The permittee shall implement and document the procedures utilized by the permittee to collect and summarize data concerning the total number of CSO overflow events (both wet and dry weather) and the frequency and duration of CSO activities for at least a representative number of CSO outfalls. The permittee shall monitor and maintain a record of CSO activity for the duration and estimated volume for all overflow events that occur at a minimum of 10 percent (%) of the highest priority CSO outlets in the permittee's combined collection system. The permittee shall also record rainfall data during these CSO overflow events. The CSO flow monitoring data and rainfall data shall be submitted to this agency as a portion of the semiannual progress reports required below.

5) The permittee shall implement and document the procedures utilized by the permittees to correlate the precipitation data and the CSO activity data in order to predict what measured amount and intensity of rainfall/snowmelt events will trigger CSO activity.

6) The permittee shall implement and document the procedures utilized to collect water quality data and other information on chemical, physical, and biological impacts resulting from CSO discharges (e.g. swimming area closings, excessive floatable materials in streams, fish kills, sludge banks, impaired habitat for aquatic life).

7) The permittee shall implement and document the procedures utilized by the permittee following the completion of a CSO control project in order to evaluate any improvements made to water quality from said control projects.

3. WATER QUALITY-BASED EFFLUENT LIMITATIONS FOR CSOs

## Section F - Combined Sewer System Overflows

3. a. To the extent provided by law, the discharges from the permittee's CSOs shall not cause or contribute to an in-stream excursion above any numeric or narrative criteria developed and adopted as part of the WV water quality standards.

   b. The permittee has chosen the presumptive approach. The permittee shall discharge no more than an average of four (4) to six (6) overflow events per year.

4. LONG-TERM CONTROL PLAN (LTCP)

   a. The permittee shall implement and effectively operate and maintain the current CSO controls and any completed CSO abatement projects in accordance with the CSO Long-Term Control Plan that was approved by the Division, on the 29th day of April 2010 and the amended revised Implementation Schedule on the 9th day of May 2023.

   b. Post-Construction Compliance Monitoring- The LTCP shall include a post-construction monitoring program that is adequate to ascertain the effectiveness of the CSO controls and can be used to verify attainment of water quality standards. The program shall include details of monitoring protocols to be followed, including CSO and ambient monitoring.

5. POST CONSTRUCTION COMPLIANCE MONITORING

   The permittee shall implement an approved post-construction monitoring program that is adequate to ascertain the effectiveness of the CSO controls, and to verify attainment of water quality standards and protection of designated uses.

6. REPORTING REQUIREMENTS

   a. The permittee shall submit an annual (1/year) CSO Summary Report (CSR) detailing actions taken to meet the CSO Policy requirements and the LTCP. The CSR shall include the flow monitoring information as required in Section F.2.i above. The CSO summary reports shall be postmarked no later than 25 days or shall be received no later than 25 days following the end of the annual calendar period.

   b. The annual CSO Summary Reports (CSRs) shall be addressed and submitted to the following:

```
Director                                    Department of Environmental Protection
Division of Water and Waste Management      Environmental Enforcement
601 57th Street SE                          1000 Technology Drive, Suite 3220
Charleston, West Virginia  25304-2345       Fairmont, West Virginia 26554
Attention: Permitting Program
```

7. CSO LANGUAGE REOPENER CLAUSE

   a. This permit may be modified or revoked and reissued to include new or revised conditions should new information, not available at the time of permit issuance or permit modification issuance, indicate that CSO controls imposed under the terms of the permit have failed to ensure the attainment of the WV water quality standards.

   b. This permit may be modified or revoked and reissued to include new or revised conditions based upon new information resulting from the implementation of the LTCP.

8. TOTAL MAXIMUM DAILY LOAD (TMDL)

   a. The receiving stream, West Fork River, for Outlet Nos. C002, C003, C004, C004B, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, 016, C018, C069, C073, C077, C078, C081, and C082, had TMDLs developed, in July 2014, for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

## Section F - Combined Sewer System Overflows

8. b. The receiving stream, Elk Creek, for Outlet Nos. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, 040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C067B, and C072, had TMDLs developed, in July 2014, for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

c. For the CSO outfalls noted above, LTCP implementation procedures should include scheduling the TMDL compliance measures in the LTCP and implementation of those measures should be represented in the LTCP compliance schedule (implementation schedule). If any changes in water quality standards and/or TMDL revisions or updates occur during implementation of the LTCP, the LTCP may need to be revised to address those changes.

The herein-described activity is to be extended, modified, added to, made, enlarged, acquired, constructed or installed, and operated, used and maintained strictly in accordance with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0023302; with the plan of maintenance and method of operation thereof submitted with such application(s); and with any applicable rules and regulations promulgated by the Environmental Quality Board and the Secretary of the Department of Environmental Protection.

Failure to comply with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0023302; and with the plan of maintenance and method of operation thereof submitted with such application(s) shall constitute grounds for the revocation or suspension of this permit and the invocation of all the enforcement procedures set forth in Chapter 22, Article 11, or 15 of the Code of West Virginia.

This permit is issued in accordance with the provisions of Chapter 22, Article 11 and 12 and/or 15 of the Code of West Virginia and is transferable under the terms of Section 11 of Article 11.

Jeremy W. Bandy, Director

# Appendix A

## I. MANAGEMENT CONDITIONS:

**1. Duty to Comply**

a) The permittee must comply with all conditions of this permit. Permit noncompliance constitutes a violation of the CWA and State Act and is grounds for enforcement action; for permit modification, revocation and reissuance, suspension or revocation; or for denial of a permit renewal application.

b) The permittee shall comply with all effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

**2. Duty to Reapply**

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit at least 180 days prior to expiration of the permit.

**3. Duty to Mitigate**

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

**4. Permit Actions**

This permit may be modified, revoked and reissued, suspended, or revoked for cause. The filing of a request by the permittee for permit modification, revocation and reissuance, or revocation, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

**5. Property Rights**

This permit does not convey any property rights of any sort or any exclusive privilege.

**6. Signatory Requirements**

All applications, reports, or information submitted to the Director shall be signed and certified as required in Title 47, Series 10 , Section 4.6 of the West Virginia Legislative Rules.

**7. Transfers**

This permit is not transferrable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

**8. Duty to Provide Information**

The permittee shall furnish to the Director, within a reasonable specified time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, suspending, or revoking this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

**9. Other Information**

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

**10. Inspection and Entry**

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

a) Enter upon the permittee's premises in which an effluent source or activity is located, or where records must be kept under the conditions of this permit;

b) Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;

c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the State Act, any substances or parameters at any location.

**11. Permit Modification**

This permit may be modified, suspended, or revoked in whole or in part during its term in accordance with the provisions of Chapter 22-11-12 of the Code of West Virginia.

**12. Water Quality**

This discharge shall not cause or materially contribute to: distinctly visible floating or settable solids, suspended solids, scum, foam or oily slicks; deposits or sludge bank on the bottom; odors in the vicinity of the waters; taste or odor that would adversely affect the designated uses of the affected waters; distinctly visible color which may impair or interfere with the designated uses of the affected waters; and shall not cause a fish or mussel kill. The limitations and conditions in this permit for the discharges identified in this permit are limitations and conditions that are necessary to meet applicable West Virginia water quality standards, Requirements Governing Water Quality Standards 47 CSR 2.

**13. Outlet Markers**

A permanent marker at the establishment shall be posted in accordance with Title 47, Series 11, Section 9 of the West Virginia Legislative Rules.

**14. Liabilities**

a) Any person who violates a permit condition implementing sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, 308 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than 1 year, or both.

b) Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 2 years, or by both.

c) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 2 years, or by both.

d) Nothing in I.14 a), b), and c) shall be construed to limit or prohibit any other authority the Director may have under the State Water Pollution Control Act, Chapter 22, Article 11.

## II. OPERATION AND MAINTENANCE:

**1. Proper Operation and Maintenance**

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. Unless otherwise required by Federal or State law, this provision requires the operation of back-up auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit. For domestic waste treatment facilities, waste treatment operators as classified by the WV Bureau of Public Health Laws, W. Va. Code Chapter 16-1, will be required except that in circumstances where the domestic waste treatment facility is receiving any type of industrial waste, the Director may require a more highly skilled operator.

**2. Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

**3. Bypass**

a) Definitions
   (1) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility; and
   (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of II.3.c) and II.3.d) of this permit.

c) (1) If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass;
   (2) If the permittee does not know in advance of the need for bypass, notice shall be submitted as required in IV.2.b) of this permit.

d) Prohibition of bypass
   (1) Bypass is permitted only under the following conditions, and the Director may take enforcement action against a permittee for a bypass, unless;
      (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
      (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
      (C) The permittee submitted notices as required under II.3.c) of this permit.
   (2) The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed in II.3.d.(1) of this permit.

**4. Upset**

a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.

b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitation if the requirements of II.4.c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
   (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
   (2) The permitted facility was at the time being properly operated;
   (3) The permittee submitted notice of the upset as required in IV.2.b) of this permit.
   (4) The permittee complied with any remedial measures required under I.3. of this permit.

d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

**5. Removed Substances**

Where removed substances are not otherwise covered by the terms and conditions of this permit or other existing permit by the Director, any solids, sludges, filter backwash or other pollutants (removed in the course of treatment or control of wastewaters) and which are intended for disposal within the State, shall be disposed of only in a manner and at a site subject to the approval by the Director. If such substances are intended for disposal outside the State or for reuse, i.e., as a material used for making another product, which in turn has another use, the permittee shall notify the Director in writing of the proposed disposal or use of such substances, the identity of the prospective disposer or users, and the intended place of disposal or use, as appropriate.

## III. MONITORING AND REPORTING

**1. Representative Sampling**

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

**2. Reporting**

a) Permittee shall submit, according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration, and/or quantities, the values of the constituents listed in Part A analytically determined to be in the plant effluent(s). DMR submissions shall be made in accordance with the terms contained in Section C of this permit.

b) Enter reported average and maximum values under "Quantity" and "Concentration" in the units specified for each parameter, as appropriate.

c) Specify the number of analyzed samples that exceed the allowable permit conditions in the columns labeled "N.E." (i.e., number exceeding).

d) Specify frequency of analysis for each parameter as number of analyses/specified period (e.g.,3/month is equivalent to 3 analyses performed every calendar month). If continuous, enter "Cont.". The frequency listed on format is the minimum required.

**3. Test Procedures**

Samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136, unless other test procedures have been specified elsewhere in this permit.

**4. Recording of Results**

For each measurement or sample taken pursuant to the permit, the permittee shall record the following information.

a) The date, exact place, and time of sampling or measurement;

b) The date(s) analyses were performed;

c) The individual(s) who performed the sampling or measurement;

d) The individual(s) who performed the analyses; if a commercial laboratory is used, the name and address of the laboratory;

e) The analytical techniques or methods used, and

f) The results of such analyses. Information not required by the DMR form is not to be submitted to this agency, but is to be retained as required in III.6.

**5. Additional Monitoring by Permittee**

If the permittee monitors any pollutant at any monitoring point specified in this permit more frequently than required by this permit, using approved test procedures or others as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

**6. Records Retention**

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

**7. Definitions**

a) "Daily discharge" means the discharge of a pollutant measured during a calendar day or within any specified period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.

b) "Average monthly discharge limitation" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

c) "Maximum daily discharge limitation" means the highest allowable daily discharge.

d) "Composite Sample" is a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall be two hours.

e) "Grab Sample" is an individual sample collected in less than 15 minutes.

f) "is" = immersion stabilization - a calibrated device is immersed in the effluent stream until the reading is stabilized.

g) The "daily average temperature" means the arithmetic average of temperature measurements made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month, or during the operating month if flows are of shorter duration.

h) The "daily maximum temperature" means the highest arithmetic average of the temperatures observed for any two (2) consecutive hours during a 24 hour day, or during the operating day if flows are of shorter duration.

i) The "monthly average fecal coliform" bacteria is the geometric average of all samples collected during the month.

j) "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or which a relationship to absolute volume has been obtained.

k) "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to pump capabilities, water meters and batch discharge volumes.

l) "Non-contact cooling water" means the water that is contained in a leak-free system, i.e., no contact with any gas, liquid, or solid other than the container for transport; the water shall have no net poundage addition of any pollutant over intake water levels, exclusive of approved anti-fouling agents.

## IV. OTHER REPORTING

**1. Reporting Spills and Accidental Discharges**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to Title 47, Series 11, Section 2 of the West Virginia Legislative Rules promulgated pursuant to Chapter 22, Article 11. Attached is a copy of the West Virginia Spill Alert System for use in complying with Title 47, Series 11, Section 2 of the Legislative rules as they pertain to the reporting of spills and accidental discharges.

**2. Immediate Reporting**

a) The permittee shall report any noncompliance which may endanger health or the environment immediately after becoming aware of the circumstances by using the Agency's designated spill alert telephone number. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

b) The following shall also be reported immediately:
   (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
   (2) Any upset which exceeds any effluent limitation in the permit; and
   (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit shall be reported immediately. This list shall include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.

c) The Director may waive the written report on a case-by-case basis if the oral report has been received in accordance with the above.

d) Compliance with the requirements of IV.2 of this section, shall not relieve a person of compliance with Title 47, Series 11, Section 2.

**3. Reporting Requirements**

a) Planned changes. The permittee shall give notice to the Director of any planned physical alterations or additions to the permitted facility which may affect the nature or quantity of the discharge. Notice is required when:
   (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in Section 13.7.b of Series 10, Title 47; or
   (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under IV.2 of this section.

b) Anticipated noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

c) In addition to the above reporting requirements, all existing manufacturing, commercial, and silvicultural discharges must notify the Director in writing as soon as they know or have reason to believe:
   (1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, or any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
      (A) One hundred micrograms per liter (100 ug/l);
      (B) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitro phenol; and for 2-methyl 4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
      (C) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.9 of Series10, Title 47.
      (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47;
   (2) That any activity has occurred or will occur which would result in any discharge (on a non-routine or infrequent basis) of a toxic which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
      (A) Five hundred micrograms per liter (500 ug/l);
      (B) One milligram per liter (1 mg/l) for antimony;
      (C) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.7 of Series 10, Title 47;
      (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47.
   (3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a routine or frequent basis of that toxic pollutant at levels which exceed five times the detection limit for that pollutant under approved analytical procedure.
   (4) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a non-routine or infrequent basis of that toxic pollutant at levels which exceed ten times the detection limit for that pollutant under approved analytical procedure.

**4. Other Noncompliance**

The permittee shall report all instances of noncompliance not reported under the above paragraphs at the time monitoring reports are submitted. The reports shall contain the information listed in IV.2.a). Should other applicable noncompliance reporting be required, these terms and conditions will be found in Section C of this permit.

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | Units | N.E. | Other Units | | | CEL* | Units | N.E. | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50050 (ML-1) RF-A<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | Continuous | measured |
| 00310 (ML-B) RF-A<br>BOD, 5-Day 20 Deg.C<br>Summer May 1-Oct 31 | Reported | | | | | | | | | | | | |
| | Permit Limits | 2002<br>Avg. Monthly | 4003<br>Max. Daily | Lbs/Day | | N/A | 20<br>Avg. Monthly | 40<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 00310 (ML-B) RF-A<br>BOD, 5-Day 20 Deg.C<br>Winter Nov 1-Apr 30 | Reported | | | | | | | | | | | | |
| | Permit Limits | 3002<br>Avg. Monthly | 6005<br>Max. Daily | Lbs/Day | | N/A | 30<br>Avg. Monthly | 60<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 00530 (ML-A) RF-A<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 3002<br>Avg. Monthly | 6005<br>Max. Daily | Lbs/Day | | N/A | 30<br>Avg. Monthly | 60<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 51012 (ML-K) RF-A<br>BOD,5-day % Rem,dry weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 85<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| 51013 (ML-K) RF-A<br>BOD,5-day %Rem,wet weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 75<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 51014 (ML-K) RF-A | Reported | | | | | | | | | | | | |
| Solids,Susp.% Rem,dry weather | Permit Limits | N/A | N/A | | | 85 Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| Year Round | | | | | | | | | | | | | |
| 51015 (ML-K) RF-A | Reported | | | | | | | | | | | | |
| Solids,Susp.% Rem,wet weather | Permit Limits | N/A | N/A | | | 70 Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| Year Round | | | | | | | | | | | | | |
| 74055 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Coliform, Fecal | Permit Limits | N/A | N/A | | | N/A | 200 Mon. Geo. Mean | 400 Max. Daily | N/A | Cnts/100m | | 2/month | Grab |
| Year Round | | | | | | | | | | | | | |
| 00400 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| pH | Permit Limits | N/A | N/A | | | 6 Inst. Min. | N/A | 9 Inst. Max. | N/A | S.U. | | 1/week | Grab |
| Year Round | | | | | | | | | | | | | |
| 00300 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Dissolved Oxygen | Permit Limits | N/A | N/A | | | 7 Inst. Min. | N/A | N/A | N/A | mg/l | | 2/week | Grab |
| Year Round | | | | | | | | | | | | | |
| 00610 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Ammonia Nitrogen | Permit Limits | 550 Avg. Monthly | 1101 Max. Daily | Lbs/Day | | N/A | 5.5 Avg. Monthly | 11 Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| Summer May 1-Oct 31 | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00610 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Ammonia Nitrogen | Permit Limits | 1101 Avg. Monthly | 2202 Max. Daily | Lbs/Day | | N/A | 11 Avg. Monthly | 22 Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| Winter Nov 1-Apr 30 | | | | | | | | | | | | | |
| 50060 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Chlorine, Total Residual | Permit Limits | N/A | N/A | | | N/A | 0.028 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/week | Grab |
| Year Round | | | | | | | | | | | | | |
| 01119 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Copper, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01114 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Lead, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01094 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Zinc, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01002 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Arsenic, Total (as As) | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01113 (ML-A) RF-C<br>Cadmium, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 01032 (ML-A) RF-C<br>Chromium, Hexavalent<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 00718 (ML-A) RF-C<br>Cyanide, Weak Acid Dissociable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 71900 (ML-A) RF-C<br>Mercury, Total (as Hg)<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | ug/l | | 1/6 months | Grab |
| 01074 (ML-A) RF-C<br>Nickel, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 01079 (ML-A) RF-C<br>Silver, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00951 (ML-A) RF-A<br>Fluoride, Total<br>Year Round<br>Interim: 6/1/2025 to 5/31/2028 | Reported | | | | | | | | N/A | mg/l | | 1/month | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 00951 (ML-A) RF-A<br>Fluoride, Total<br>Year Round | Reported | | | | | | | | N/A | mg/l | | 1/month | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | N/A | 1.4<br>Avg. Monthly | 2.6<br>Max. Daily | | | | | |
| 61426 (ML-B) RF-D<br>Chronic Tox-Ceriodaphnia Dubia<br>Year Round | Reported | | | | | | | | N/A | TUc | | 1/year | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 61428 (ML-B) RF-D<br>Chronic Toxicity - Pimephales<br>Year Round | Reported | | | | | | | | N/A | TUc | | 1/year | 24 hr Composite |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 38693 (ML-A) RF-B<br>Bromodichloromethane<br>Year Round | Reported | | | | | | | | N/A | ug/l | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 085
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 085
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-B | Reported | | | | | | | | | | | | |
| Iron, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |
| 81017 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Chem. Oxygen Demand | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |
| 00552 (ML-1) RF-C | Reported | | | | | | | | | | | | |
| Oil and Grease, Hexane EXTR. | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| Year Round | | | | | | | | | | | | | |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 086
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | N/A | mgd | | 1/quarter | Estimated |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | N/A | Cnts/100m | | 1/quarter | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | | | | | |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | N/A | S.U. | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | | | | | |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | N/A | mg/l | | 1/6 months | Grab |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 086
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 087
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 087
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 088
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 088
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 089
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 089
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00400 (ML-+) RF-B<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | N/A | Rpt Only<br>Maximum | N/A | S.U. | | 1/quarter | Grab |
| 61521 (ML-+) RF-B<br>Arsenic, Sludge Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78476 (ML-+) RF-B<br>Cadmium,Sludge,Tot Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78473 (ML-+) RF-B<br>Chromium, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78475 (ML-+) RF-B<br>Copper,Sludge,Tot,Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78468 (ML-+) RF-B<br>Lead, Dry. Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 78471 (ML-+) RF-B<br>Mercury, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78465 (ML-+) RF-B<br>Molybdenum,Dry Wgt<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78469 (ML-+) RF-B<br>Nickel, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 49031 (ML-+) RF-B<br>Selenium,Sludge,Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78467 (ML-+) RF-B<br>Zinc, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 00916 (ML-+) RF-B<br>Calcium, Total (as Ca)<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 61553 (ML-+) RF-B<br>Solids, Total Sludge Percent<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | Rpt Only<br>Avg. | Rpt Only<br>Maximum | N/A | Percent | | 1/quarter | 1 Week Comp |
| 78472 (ML-+) RF-B<br>Potassium, Sludge Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78478 (ML-+) RF-B<br>Phosphorus,Sludge,Tot,Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 82294 (ML-+) RF-B<br>Nitrogen, Ammonia Tot. DW<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78470 (ML-+) RF-B<br>Nitrogen, Sludge Tot. Dry Wt<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 51020 (ML-+) RF-B<br>Organic Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Clarksburg Saintary Board) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00927 (ML-+) RF-B | Reported | | | | | | | | | | | | |
| Magnesium,Tot (as Mg) Year Round | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

# SEWAGE SLUDGE MANAGEMENT REPORT

FACILITY NAME: (Clarksburg Saintary Board)CLARKSBURG SANITARY BD
ADDRESS: 222 West Main St, Clarksburg, WV 26301

DESIGN FLOW: 8,000,000 gpd
YEAR: _____
MONTH: _____

PERMIT NUMBER: WV0023302
MONITORING FREQUENCY: _____
LAST SAMPLE DATE: _____

Total Sludge Generated this Report Period: (Dry Tons) _____
Sludge Generated this Year to Date: (Dry Tons) _____
Sewage Sludge/Domestic Septage Received: (Gallons) _____

Disposal Method: _____
Amount Disposed: (Dry tons) _____
Name of Landfill or Compost Facility : _____

**Percent Solids:** Average: _____ Measurement Frequency: _____ Number of Loads Landfilled With Less Than 20% Solids: _____

**Pathogen Reduction Method:**

- ☐ Not Applicable. No land application of sewage sludge.
- ☐ Fecal Coliform Monitoring: Geometric mean of last seven samples is _____ col/dry gram
  **Sample results for this report period were:** _____ col/dry gram _____ col/dry gram
- ☐ Lime Addition: pH of sample two hours after lime addition: Range _____
- ☐ Aerobic Digestion: Average detention time for this report period:(days) _____
  Digester Temperature: Average _____ Range _____
- ☐ Anaerobic Digestion: Average detention time for this report period:(days) _____
  Digester Temperature: Average _____ Range _____
- ☐ Other: (Provide Description) _____

**NE: Number of loads land applied which did not fully meet pathogen reduction requirements:** _____

**Vector Attraction Reduction Method:**

- ☐ Not Applicable. No land application of sewage sludge.
- ☐ 38% Volatile Solids Reduction: Average volatile solids reduction for the month of _____ was _____ percent
- ☐ SOUR: The average Specific Oxygen Uptake rate for the month of _____ was _____ mg Oxygen/hour/dry gram
- ☐ Lime Addition: pH of sample two hours after lime addition: Range _____
  pH of sample 24 hours after lime addition: Range _____
- ☐ Other: (Provide Description) _____

**NE: Number of loads land applied which did not fully meet vector attraction reduction requirements:** _____

***I certify under penalty of law that the management practices, vector attraction reduction requirements, and the pathogen reduction requirements of Federal regulations 40 CFR Part 503 and State Regulation Title 33, Series 2 have been met for all sewage sludge land applied during this report period. This determination has been made under my supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate information used to determine these requirements have been met. I also certify that this document and all the attachments were prepared under my direction or supervision, and that the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are penalties for false certification including the possibility of fine and imprisonment.***

OFFICIAL _____ TITLE _____

SIGNATURE _____ DATE _____

Additional Comments or Explanation:

**EMERGENCY RESPONSE SPILL ALERT SYSTEM**
**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**REQUIREMENTS:**

Title 47, Series 11, Section 2 of the West Virginia Legislative Rules, Environmental Protection, Water Resources - Waste Management, Effective July 1, 1994.

**RESPONSIBILITY FOR REPORTING:**

Each and every person who may cause or be responsible for any spill or accidental discharge of pollutants into the waters of the State shall give immediate notification to the Division of Water and Waste Management's Emergency Notification Number, 1-800-642-3074. Such notification shall set forth insofar as possible and as soon thereafter as practical the time and place of such spill or discharge, type or types and quantity or quantities of the material or materials therein, action or actions taken to stop such spill or discharge and to minimize the polluting effect thereof, the measure or measures taken or to be taken in order to prevent a recurrence of any such spill or discharge and such additional information as may be requested by the Division of Water and Waste Management. This also applies to spills to the waters of the State resulting from accidents to common carriers by highway, rail and water.

It shall be the responsibility of each industrial establishment or other entity discharging directly to a stream to have available the following information pertaining to those substances that are employed or handled in its operation in sufficiently large amounts as to constitute a hazard in case of an accidental spill or discharge into a public stream:

(1) Potential toxicity in water to man, animals and aquatic life;
(2) Details on analytical procedures for the quantitative estimation of such substances in water and
(3) Suggestions on safeguards or other precautionary measures to nullify the toxic effects of a substance once it has gotten into a stream.

Failure to furnish such information as required by Section 14, Article 11, Chapter 22, Code of West Virginia may be punishable under Section 24, Article 11, Chapter 22, and/or Section 22, Article 11, Chapter 22, Code of West Virginia.

It shall be the responsibility of any person who causes or contributes in any way to the spill or accidental discharge of any pollutant or pollutants into State waters to immediately take any and all measures necessary to contain such spill or discharge. It shall further be the responsibility of such person to take any and all measures necessary to clean-up, remove and otherwise render such spill or discharge harmless to the waters of the State.

When the Director determines it necessary for the effective containment and abatement of spills and accidental discharges, the Director may require the person or persons responsible for such spill or discharge to monitor affected waters in a manner prescribed by the Director until the possibility of any adverse effect on the waters of the State no longer exists.

**VOLUNTARY REPORTING BY LAW OFFICERS, U. S. COAST GUARD, LOCK MASTERS AND OTHERS:**

In cases involving river and highway accidents where the responsible party may or may not be available to report the incident, law officers, U. S. Coast Guard, Lock Masters and other interested person(s) should make the report.

<u>WHO TO CONTACT:</u>
Notify the following number: **1-800-642-3074**

<u>INFORMATION NEEDED:</u>
- Source of spill or discharge
- Location of incident
- Time of incident
- Material spilled or discharged
- Amount spilled or discharged
- Toxicity of material spilled or discharged
- Personnel at the scene
- Actions initiated
- Shipper/Manufacturer identification
- Railcar/Truck identification number
- Container type

## NOTICE TO PERMITTEES

The 1999 regular session of the West Virginia legislature revised the Water Pollution Control Act, Chapter 22, Article 11, Section 10 of the Code of West Virginia relating to fees associated with permits. This section of the Code requires all holders of a State water pollution control permit or a national pollutant discharge elimination system permit to be assessed an annual permit fee, based upon rules promulgated by the Secretary of the Department of Environmental Protection. The Secretary has promulgated a final rule in accordance with the code revision to this effect and these rules were effective May 4, 2000. The rules establish an annual permit fee based upon the relative potential to degrade the waters of the State which, in most instances, relate to volume of discharge. However, for sewage facilities, the annual permit fee is based upon the number of customers served by the facility. You may contact the Secretary of State's Office, State Capitol Building, Charleston, WV 25305, to obtain a copy of the rules. The reference is Title 47, Legislative Rules, Department of Environmental Protection, Division of Water Resources, Series 26 Water Pollution Control Permit Fee Schedules.

Based upon the volume of discharge for which your facility is currently permitted, the number of customers served by your facility or for the category you fall within, pursuant to Section 7 of Title 47, Series 26, your annual permit fee is **$2500.00**. This fee is due no later than the anniversary date of permit issuance in each year of the term of the permit or in the case of coverage under a general permit, the fee is due no later than the anniversary date of your coverage under the general permit. **You will be invoiced by this agency at the appropriate time for the fee**. Failure to submit the annual fee within ninety(90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect.

## RIGHT OF APPEAL

**Notice is hereby given of your right to appeal the terms and conditions of this permit which you are aggrieved by to the Environmental Quality Board by filing a NOTICE OF APPEAL on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of the above permit.**

| | | |
|---|---|---|
| | **Applicant: CLARKSBURG SANITARY BD**<br>**Reference ID: 2025 Renewal Application**<br>**WV0023302 (03/27/2024)**<br>**Status: ERIS - Closed - Issued** | **Type: Reissue NPDES Sewage Treatment #5**<br>**Permit ID: WV0023302**<br>**Printed: Jun. 11, 2025 1:24 PM** |

**Sections I - IV: Facility Location Information**

**I. NAME OF FACILITY:**

Drew Eddy

**II. FACILITY CONTACT**

| | |
|---|---|
| A. Name (last, first): | Drew Eddy |
| B. Title: | Superintendent |
| C. Phone: | 304-624-1626 (###-###-####) |
| D. Email: | deddy@cityofclarksburgwv.com |

**III. FACILITY MAILING ADDRESS**

A. Street or Post Office Box:

| | |
|---|---|
| Address Line 1: | 222 West Main Street |
| Address Line 2: | |
| B. City or Town: | Clarksburg |
| Country: | United States of America |
| State: | West Virginia |
| Zip: | 26301 PostalCode Ref. |

**IV. FACILITY LOCATION**

| | |
|---|---|
| A. Street, Route No. or other specific identifier: | WEST FK ST |
| B. City, Town or Nearest Post Office: | CLARKSBURG |
| C. County: | Harrison |
| D. Zip: | 26301 PostalCode Ref. |

E. Direction to Site:

West Pike Street exit off of Rt.50. Take Rt. 19 north 1/4 mile. Exit Rt. 19 at exit (right). Follow West Fork Street to plant.

**Section V: Operator and Ownership Information**

**V. A. OPERATOR INFORMATION**

| | |
|---|---|
| Name: | Clarksburg Sanitary Board |
| Phone: | 304-624-1626 (###-###-####) |
| Address Line 1: | 222 West Main Street |
| Address Line 2: | |
| City: | Clarksburg |
| Country: | United States of America |
| State: | West Virginia |
| Zip: | 26301 PostalCode Ref. |
| Email: | deddy@cityofclarksburgwv.com |

**V. B. OWNER INFORMATION**

Is the name listed in item V-A also the owner? (•) Yes ( ) No

Ownership Type ( ) Federal ( ) State (•) Public ( ) Private

| | |
|---|---|
| Name: | CLARKSBURG SANITARY BD |
| Phone: | 304-624-1626 (###-###-####) |
| Address Line 1: | 222 WEST MAIN ST |
| Address Line 2: | |
| City: | CLARKSBURG |
| Country: | United States of America |
| State: | West Virginia |
| Zip: | 26301 PostalCode Ref. |
| Email: | deddy@cityofclarksburgwv.com |

## Section VII: Existing Environmental Permits

**Existing Environmental Permits ( If none, click "Section Complete". )**

| | |
|---|---|
| Issuing Agency and Address: | WVDEP |
| Type of Permit or License: | NPDES |
| Permit Number: | WV0023302 |
| Effective Date: | 7/1/2020 |
| Expiration Date: | 5/28/2025 |

## Section VIII: Certification

| | | |
|---|---|---|
| **VIII.** | **CERTIFICATION** | |
| | **I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.** | |
| **A.** | **NAME AND OFFICIAL TITLE (type or print)** | |
| | **Name:** | **Drew Eddy** |
| | **Official Title:** | **Superintendent** |
| **B.** | **SIGNATURE:** | _____ |
| **C.** | **DATE SIGNED:** | **10/25/2024** |

**Please Print, Sign, Scan and attach this document rather than mailing as a wet ink signature is no longer required.**

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | 001 |
| B. | Discharge Point Name: | Wastewater Treatment Plant |
| | Discharge Point Description: | Effluent BOD5 samples shall be collected at a lo |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 24 " N Latitude | |
| | 80 º 21 ' 6 " W Longitude | *Interactive Map* |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | West Fork River tributary of Monongahela River tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 28.6 |
| G. | Actual Average Flow | 8000000 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | 7.342 | 3.828 | 2.525 | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | 3 | 2 | 4 | mg/l |
| c. Fecal Coliform | 61 | 26 | 10 | counts / 100 ml |
| d. pH | 6.9 | 7.1 | 7.2 | S.U. |
| e. Temperature | 10 | 21 | 19 | Degrees F |
| f. Total Suspended Solids | 3 | 0 | 10 | mg/l |

Appendix J: Table 1 POTWs >= 0.1 MGD

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | .6700 | 0 | 0 | mg/l |
| b. Chlorine (total residual, TRC) | <0.032 | <0.032 | <0.032 | mg/l |
| c. Dissolved oxygen | 8.7 | 7.5 | 7.5 | mg/l |
| d. Nitrate/Nitrite | N/A | N/A | 7.4 | mg/l |
| e. Kjeldahl nitrogen | .85 | 1.0 | .94 | mg/l |
| f. Oil and grease | <1.1 | <1.1 | <1.05 | mg/l |
| g. Phosphorus | .23 | .47 | .44 | mg/l |
| h. Total dissolved solids | 286 | 589 | 440 | mg/l |

Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | <2.1 | <2.1 | <2.1 | ug/l |
| b. Arsenic | <3.3 | <3.3 | <3.3 | ug/l |
| c. Beryllium | <.145 | <.145 | <.145 | ug/l |
| d. Cadmium | <.125 | <.125 | <.125 | ug/l |
| e. Chromium | <0.8 | <0.8 | <0.8 | ug/l |
| f. Copper | <1.75 | <1.75 | <1.75 | ug/l |
| g. Lead | <1.7 | <1.7 | <1.7 | ug/l |
| h. Mercury | <.085 | <.08 | <.08 | ug/l |
| i. Nickel | <0.8 | <0.8 | <0.8 | ug/l |
| j. Selenium | <2.35 | <2.35 | <2.35 | ug/l |
| k. Silver | <1.1 | <1.1 | <1.1 | ug/l |
| l. Thallium | <1.7 | <1.7 | <1.7 | ug/l |
| m. Zinc | 18 | 18 | 22 | ug/l |
| n. Cyanide | <2.5 | <2.5 | <2.5 | ug/l |
| o. Total phenolic compounds | 140 | <2.5 | <2.5 | ug/l |
| p. Hardness | 158000 | 323000 | 228000 | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | <2 | <2 | <2 | ug/l |
| b. Acrylonitrile | <.7 | <.7 | <.7 | ug/l |
| c. Benzene | <.205 | <.205 | <.205 | ug/l |
| d. Bromoform | <.75 | <.75 | <.75 | ug/l |
| e. Carbon tetrachloride | <.26 | <.26 | <.26 | ug/l |
| f. Chlorobenzene | <.21 | <.21 | <.21 | ug/l |
| g. Chlorodibromomethane | .48 | <.21 | <.21 | ug/l |
| h. Chloroethane | <.375 | <.375 | <.375 | ug/l |
| i. 2-chloroethylvinyl ether | <.17 | <.17 | <.355 | ug/l |
| j. Chloroform | 11.8 | 17.5 | 17.5 | ug/l |
| k. Dichlorobromomethane | 2.0 | 5.4 | 7.0 | ug/l |
| l. 1,1-dichloroethane | <.13 | <.13 | <.295 | ug/l |
| m. 1,2-dichloroethane | <.175 | <.175 | <.175 | ug/l |
| n. Trans-1,2-dichloroethylene | <.165 | <.165 | <.165 | ug/l |
| o. 1,1-dichloroethylene | <.14 | <.14 | <.14 | ug/l |
| p. 1,2-dichloropropane | <.15 | <.15 | <.15 | ug/l |
| q. 1,3-dichloropropylene | <.33 | <.33 | <.33 | ug/l |
| r. Ethylbenzene | <.155 | <.155 | <.155 | ug/l |
| s. Methyl bromide | <1.25 | <1.25 | <3.15 | ug/l |
| t. Methyl chloride | .94 | <.17 | <.375 | ug/l |
| u. Methylene chloride | <.375 | <.375 | <.375 | ug/l |
| v. 1,1,2,2-tetrachloroethane | <.12 | <.12 | <.355 | ug/l |
| w. Tetrachloroethylene | .66 | <.15 | <.15 | ug/l |
| x. Toluene | <.12 | <.12 | <.255 | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | <.215 | <.215 | <.215 | ug/l |
| z. 1,1,2-trichloroethane | .63 | <.23 | <.23 | ug/l |
| a1. Trichloroethylene | <.165 | <.165 | <.165 | ug/l |
| b1. Vinyl chloride | <.14 | <.14 | <.14 | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | <.55 | <.43 | <.44 | ug/l |
| b. 2-chlorophenol | <.355 | <.285 | <.290 | ug/l |
| c. 2,4-dichlorophenol | <.365 | <.295 | <.30 | ug/l |
| d. 2,4-dimethylphenol | <.39 | <.315 | <.32 | ug/l |
| e. 4,6-dinitro-o-cresol | <1.05 | <.85 | <.85 | ug/l |
| f. 2,4-dinitrophenol | <1.45 | <1.15 | <1.2 | ug/l |
| g. 2-nitrophenol | <.405 | <.325 | <.335 | ug/l |
| h. 4-nitrophenol | <.215 | <.17 | <.175 | ug/l |
| i. Pentachlorophenol | <.9 | <.75 | <.75 | ug/l |
| j. Phenol | <.15 | <.12 | <.125 | ug/l |
| k. 2,4,6-trichlorophenol | <.355 | <.29 | <.295 | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | <.36 | <.29 | <.295 | ug/l |
| b. Acenaphthylene | <.385 | <.31 | <.315 | ug/l |
| c. Anthracene | <.395 | <.32 | <.325 | ug/l |
| d. Benzidine | <2.65 | <2.15 | <2.2 | ug/l |
| e. Benzo(a)anthracene | <.465 | <.375 | <.38 | ug/l |
| f. Benzo(a)pyrene | <.455 | <.37 | <.375 | ug/l |
| g. 3,4 benzofluoranthene | <.45 | <.36 | <.37 | ug/l |
| h. Benzo(ghi)perylene | <.48 | <.385 | <.395 | ug/l |
| i. Benzo(k)fluoranthene | <.43 | <.35 | <.355 | ug/l |
| j. Bis (2-chloroethoxy) methane | <.35 | <.28 | <.285 | ug/l |
| k. Fluoranthene | <.425 | <.345 | <.35 | ug/l |
| l. Fluorene | <.37 | <.295 | <.305 | ug/l |
| m. Hexachlorobenzene | <.41 | <.33 | <.335 | ug/l |
| n. Hexachlorobutadiene | <.36 | <.29 | <.295 | ug/l |
| o. Hexachlorocyclo-pentadiene | <.345 | <.275 | <.28 | ug/l |
| p. Hexachloroethane | <.345 | <.275 | <.285 | ug/l |
| q. Indeno(1,2,3-cd)pyrene | <.42 | <.34 | <.345 | ug/l |
| r. Isophorone | <.365 | <.295 | <.30 | ug/l |
| s. Naphthalene | <.40 | <.325 | <.33 | ug/l |
| t. Nitrobenzene | <.355 | <.285 | <.29 | ug/l |
| u. Bis (2-chloroethyl) ether | <.32 | <.26 | <.265 | ug/l |
| v. Bis (2-chloroisopropyl) ether | <.375 | <.305 | <.31 | ug/l |
| w. Bis (2-ethylhexyl) phthalate | <.35 | <.70 | <.70 | ug/l |
| x. 4-bromophenyl phenyl ether | <.405 | <.33 | <.335 | ug/l |
| y. Butyl benzyl phthalate | <.425 | <.345 | <.35 | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | <.395 | <.32 | <.325 | ug/l |
| a1. 4-chlorophenyl phenyl ether | <.36 | <.29 | <.295 | ug/l |
| b1. Chrysene | <.48 | <.385 | <.395 | ug/l |
| c1. Di-n-butyl phthalate | <.485 | <.39 | <.40 | ug/l |
| d1. Di-n-octyl phthalate | <.65 | 1.6 | <.55 | ug/l |
| e1. Dibenzo(a,h)anthracene | <.455 | <.37 | <.375 | ug/l |
| f1. 1,2-dichlorobenzene | <.36 | <29 | <.295 | ug/l |
| g1. 1,3-dichlorobenzene | <.34 | <.275 | <.28 | ug/l |
| h1. 1,4-dichlorobenzene | <.34 | <.275 | <.28 | ug/l |
| i1. 3,3-dichlorobenzidine | <.49 | <.395 | <.40 | ug/l |
| j1. Diethyl phthalate | <.385 | <.31 | <.315 | ug/l |
| k1. Dimethyl phthalate | <.385 | <.31 | <.315 | ug/l |
| l1.2,4-dinitrotoluene | <.28 | <.225 | <.23 | ug/l |
| m1. 2,6-dinitrotoluene | <.335 | <.27 | <.275 | ug/l |
| n1. 1,2-diphenylhydrazine | <.395 | <.315 | <.325 | ug/l |
| o1. N-nitrosodi-n-propylamine | <.35 | <.28 | <.285 | ug/l |
| p1. N-nitrosodimethylamine | <.205 | <.165 | <.17 | ug/l |
| q1.N-nitrosodiphenylamine | <.41 | <.33 | <.335 | ug/l |
| r1. Phenanthrene | <.395 | <.32 | <.325 | ug/l |
| s1. Pyrene | <.455 | <.365 | <.375 | ug/l |
| t1. 1,2,4,-trichlorobenzene | <.355 | <.285 | <.29 | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | 085 |
| B. | Discharge Point Name: | WWTP Storm Water Site |
| | Discharge Point Description: | Samples shall be collected at, or as close as pos |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 16 " N Latitude | |
| | 80 º 21 ' 1 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 28.76 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | 086 |
| B. | Discharge Point Name: | WWTP Storm Water Site |
| | Discharge Point Description: | Samples shall be collected at, or as close as pos |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 15 " N Latitude | |
| | 80 º 21 ' 2 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | 087 |
| B. | Discharge Point Name: | WWTP Storm Water Site |
| | Discharge Point Description: | Samples shall be collected at, or as close as pos |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 11 " N Latitude | |
| | 80 º 21 ' 4 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | 088 |
| B. | Discharge Point Name: | WWTP Storm Water Site |
| | Discharge Point Description: | Samples shall be collected at, or as close as pos |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 9 " N Latitude | |
| | 80 º 21 ' 6 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | 089 |
| B. | Discharge Point Name: | WWTP Storm Water Site |
| | Discharge Point Description: | Samples shall be collected at, or as close as pos |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 8 " N Latitude | |
| | 80 º 21 ' 7 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C002 |
| B. | Discharge Point Name: | CSO-002 |
| | Discharge Point Description: | River Road |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 6 " N Latitude | |
| | 80 º 21 ' 8 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | West Fork River tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | Monongahela River |
| E. | River Mile Point: | 29.05 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | | |
|---|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l | |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l | |
| b1. Chrysene | | | | ug/l | |
| c1. Di-n-butyl phthalate | | | | ug/l | |
| d1. Di-n-octyl phthalate | | | | ug/l | |
| e1. Dibenzo(a,h)anthracene | | | | ug/l | |
| f1. 1,2-dichlorobenzene | | | | ug/l | |
| g1. 1,3-dichlorobenzene | | | | ug/l | |
| h1. 1,4-dichlorobenzene | | | | ug/l | |
| i1. 3,3-dichlorobenzidine | | | | ug/l | |
| j1. Diethyl phthalate | | | | ug/l | |
| k1. Dimethyl phthalate | | | | ug/l | |
| l1.2,4-dinitrotoluene | | | | ug/l | |
| m1. 2,6-dinitrotoluene | | | | ug/l | |
| n1. 1,2-diphenylhydrazine | | | | ug/l | |
| o1. N-nitrosodi-n-propylamine | | | | ug/l | |
| p1. N-nitrosodimethylamine | | | | ug/l | |
| q1.N-nitrosodiphenylamine | | | | ug/l | |
| r1. Phenanthrene | | | | ug/l | |
| s1. Pyrene | | | | ug/l | |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l | |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C003 |
| B. | Discharge Point Name: | CSO-003 |
| | Discharge Point Description: | Pearlman Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 59 " N Latitude | |
| | 80 º 21 ' 10 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 29.2 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C004 |
| B. | Discharge Point Name: | CSO-004 |
| | Discharge Point Description: | Adams Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 30 " N Latitude | |
| | 80 º 21 ' 14 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 30.12 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C004B |
| B. | Discharge Point Name: | CSO-004B |
| | Discharge Point Description: | Pike Street |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 18 " N Latitude | |
| | 80 º 21 ' 10 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD27 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 30.40 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C005 |
| B. | Discharge Point Name: | CSO-005 |
| | Discharge Point Description: | Duncan Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 1 " N Latitude | |
| | 80 º 21 ' 28 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 30.97 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C006 |
| B. | Discharge Point Name: | CSO-006 |
| | Discharge Point Description: | River Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 58 " N Latitude | |
| | 80 º 21 ' 25 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.04 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C007 |
| B. | Discharge Point Name: | CSO-007 |
| | Discharge Point Description: | Hart Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 53 " N Latitude | |
| | 80 º 21 ' 24 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.16 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C008 |
| B. | Discharge Point Name: | CSO-008 |
| | Discharge Point Description: | Riverside Drive |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 13 " N Latitude | |
| | 80 º 21 ' 22 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 32.71 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C009 |
| B. | Discharge Point Name: | CSO-009 |
| | Discharge Point Description: | North and Hart Streets |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 51 " N Latitude | |
| | 80 º 21 ' 11 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.38 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C010 |
| B. | Discharge Point Name: | CSO-010 |
| | Discharge Point Description: | Verdun Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 18 " N Latitude | |
| | 80 º 21 ' 19 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 32.58 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C011 |
| B. | Discharge Point Name: | CSO-011 |
| | Discharge Point Description: | Hart Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 51 " N Latitude | |
| | 80 º 21 ' 10 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.41 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C012 |
| B. | Discharge Point Name: | CSO-012 |
| | Discharge Point Description: | End of Verdun Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 33 " N Latitude | |
| | 80 º 21 ' 23 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 32.21 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C013 |
| B. | Discharge Point Name: | CSO-013 |
| | Discharge Point Description: | Dane Street and Stadium Drive |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 38 " N Latitude | |
| | 80 º 21 ' 6 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.96 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C014 |
| B. | Discharge Point Name: | CSO-014 |
| | Discharge Point Description: | Grove Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 41 " N Latitude | |
| | 80 º 21 ' 5 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.88 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C015 |
| B. | Discharge Point Name: | CSO-015 |
| | Discharge Point Description: | Ferry Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 50 " N Latitude | |
| | 80 º 20 ' 57 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.7 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C016 |
| B. | Discharge Point Name: | CSO-016 |
| | Discharge Point Description: | Grove Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 42 " N Latitude | |
| | 80 º 21 ' 0 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.80 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C017 |
| B. | Discharge Point Name: | CSO-017 |
| | Discharge Point Description: | College Street |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 12 " N Latitude | |
| | 80 º 20 ' 36 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.8 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C018 |
| B. | Discharge Point Name: | CSO-018 |
| | Discharge Point Description: | Park Boulevard |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 47 " N Latitude | |
| | 80 º 20 ' 58 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.7 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C019 |
| B. | Discharge Point Name: | CSO-019 |
| | Discharge Point Description: | Under Sixth Street Bridge |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 0 " N Latitude | |
| | 80 º 20 ' 30 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.14 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C020 |
| B. | Discharge Point Name: | CSO-020 |
| | Discharge Point Description: | Milford Street Bridge |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 55 " N Latitude | |
| | 80 º 21 ' 6 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 0.016 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C021 |
| B. | Discharge Point Name: | CSO-021 |
| | Discharge Point Description: | Between Fourth and Sixth Street Bridges |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 59 " N Latitude | |
| | 80 º 20 ' 27 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.196 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C022 |
| B. | Discharge Point Name: | CSO-022 |
| | Discharge Point Description: | Baltimore Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 4 " N Latitude | |
| | 80 º 21 ' 8 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | .329 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C023 |
| B. | Discharge Point Name: | CSO-023 |
| | Discharge Point Description: | Between Fourth and Sixth Street Bridges |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 58 " N Latitude | |
| | 80 º 20 ' 25 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.237 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C025 |
| B. | Discharge Point Name: | CSO-025 |
| | Discharge Point Description: | Downstream of Fourth Street Bridge |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 56 " N Latitude | |
| | 80 º 20 ' 21 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.296 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C027 |
| B. | Discharge Point Name: | CSO-027 |
| | Discharge Point Description: | End of School Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 55 " N Latitude | |
| | 80 º 20 ' 17 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.361 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C028 |
| B. | Discharge Point Name: | CSO-028 |
| | Discharge Point Description: | Brockway Parking Lot |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 5 " N Latitude | |
| | 80 º 21 ' 6 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | .546 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C030 |
| B. | Discharge Point Name: | CSO-030 |
| | Discharge Point Description: | North 8th Street |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 9 " N Latitude | |
| | 80 º 20 ' 33 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | .922 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C033 |
| B. | Discharge Point Name: | CSO-033 |
| | Discharge Point Description: | North 1st Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 55 " N Latitude | |
| | 80 º 20 ' 4 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.602 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C034 |
| B. | Discharge Point Name: | CSO-034 |
| | Discharge Point Description: | Sandy Boulevard |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 50 " N Latitude | |
| | 80 º 20 ' 4 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.689 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C036 |
| B. | Discharge Point Name: | CSO-036 |
| | Discharge Point Description: | Main Street Bridge |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 43 " N Latitude | |
| | 80 º 20 ' 5 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.835 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C038 |
| B. | Discharge Point Name: | CSO-038 |
| | Discharge Point Description: | Monticello Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 40 " N Latitude | |
| | 80 º 20 ' 5 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.892 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C040 |
| B. | Discharge Point Name: | CSO-040 |
| | Discharge Point Description: | Monticello Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 33 " N Latitude | |
| | 80 º 20 ' 6 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.023 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C042 |
| B. | Discharge Point Name: | CSO-042 |
| | Discharge Point Description: | Monticello Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 28 " N Latitude | |
| | 80 º 20 ' 10 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.141 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C044 |
| B. | Discharge Point Name: | CSO-044 |
| | Discharge Point Description: | Elkins Lane |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 19 " N Latitude | |
| | 80 º 20 ' 4 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.483 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C045 |
| B. | Discharge Point Name: | CSO-045 |
| | Discharge Point Description: | East Main and Water Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 43 " N Latitude | |
| | 80 º 20 ' 6 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.833 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C046 |
| B. | Discharge Point Name: | CSO-046 |
| | Discharge Point Description: | Elkins Lane |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 20 " N Latitude | |
| | 80 º 20 ' 4 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.495 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C047 |
| B. | Discharge Point Name: | CSO-047 |
| | Discharge Point Description: | Water Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 40 " N Latitude | |
| | 80 º 20 ' 6 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.889 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C049 |
| B. | Discharge Point Name: | CSO-049 |
| | Discharge Point Description: | End of Washington Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 38 " N Latitude | |
| | 80 º 20 ' 6 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.927 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C050 |
| B. | Discharge Point Name: | CS-050 |
| | Discharge Point Description: | Elkins Lane and Charles Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 21 " N Latitude | |
| | 80 º 20 ' 3 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.967 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C051 |
| B. | Discharge Point Name: | CSO-051 |
| | Discharge Point Description: | Water Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 36 " N Latitude | |
| | 80 º 20 ' 6 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 1.967 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C052 |
| B. | Discharge Point Name: | CSO-052 |
| | Discharge Point Description: | End of Main Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 25 " N Latitude | |
| | 80 º 20 ' 0 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.606 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C053 |
| B. | Discharge Point Name: | CSO-053 |
| | Discharge Point Description: | Water Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 26 " N Latitude | |
| | 80 º 20 ' 12 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.181 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C057 |
| B. | Discharge Point Name: | CSO-057 |
| | Discharge Point Description: | Howard Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 34 " N Latitude | |
| | 80 º 19 ' 44 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.92 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C060 |
| B. | Discharge Point Name: | CSO-060 |
| | Discharge Point Description: | End of Tyler Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 29 " N Latitude | |
| | 80 º 19 ' 50 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.782 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C062 |
| B. | Discharge Point Name: | CSO-062 |
| | Discharge Point Description: | Buckhannon Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 33 " N Latitude | |
| | 80 º 19 ' 44 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 2.9 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C064 |
| B. | Discharge Point Name: | CSO-064 |
| | Discharge Point Description: | Stanley Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 33 " N Latitude | |
| | 80 º 19 ' 29 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 3.261 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C065 |
| B. | Discharge Point Name: | CSO-065 |
| | Discharge Point Description: | End of Oakland Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 5 " N Latitude | |
| | 80 º 19 ' 30 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 4.611 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C067B |
| B. | Discharge Point Name: | CSO-067B |
| | Discharge Point Description: | Osage Court (East End) |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 2 " N Latitude | |
| | 80 º 19 ' 17 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 4.823 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C069 |
| B. | Discharge Point Name: | CSO-069 |
| | Discharge Point Description: | Thorn Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 20 " N Latitude | |
| | 80 º 21 ' 16 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 32.53 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C072 |
| B. | Discharge Point Name: | CSO-072 |
| | Discharge Point Description: | Tuna Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 16 " N Latitude | |
| | 80 º 19 ' 19 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Elk Creek tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 4.252 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C073 |
| B. | Discharge Point Name: | CSO-073 |
| | Discharge Point Description: | End of Camden Street |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 14 " N Latitude | |
| | 80 º 21 ' 20 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 32.65 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C077 |
| B. | Discharge Point Name: | CSO-077 |
| | Discharge Point Description: | North End of River Avenue |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 53 " N Latitude | |
| | 80 º 21 ' 9 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 31.45 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C078 |
| B. | Discharge Point Name: | CSO-078 |
| | Discharge Point Description: | Hope Gas Meter Station |
| C. | Discharge Point Location Info: | |
| | 39 º 16 ' 32 " N Latitude | |
| | 80 º 21 ' 4 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 32.07 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C081 |
| B. | Discharge Point Name: | CSO-081 |
| | Discharge Point Description: | North 24th Street |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 42 " N Latitude | |
| | 80 º 21 ' 30 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 29.75 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | C082 |
| B. | Discharge Point Name: | CSO-082 |
| | Discharge Point Description: | River Road |
| C. | Discharge Point Location Info: | |
| | 39 º 17 ' 12 " N Latitude | |
| | 80 º 21 ' 20 " W Longitude  *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | tributary of tributary of | |
| | tributary of tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | 30.69 |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | N/A | N/A | N/A | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | | | | mg/l |
| c. Fecal Coliform | | | | counts / 100 ml |
| d. pH | | | | S.U. |
| e. Temperature | | | | Degrees F |
| f. Total Suspended Solids | | | | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l |
| b1. Chrysene | | | | ug/l |
| c1. Di-n-butyl phthalate | | | | ug/l |
| d1. Di-n-octyl phthalate | | | | ug/l |
| e1. Dibenzo(a,h)anthracene | | | | ug/l |
| f1. 1,2-dichlorobenzene | | | | ug/l |
| g1. 1,3-dichlorobenzene | | | | ug/l |
| h1. 1,4-dichlorobenzene | | | | ug/l |
| i1. 3,3-dichlorobenzidine | | | | ug/l |
| j1. Diethyl phthalate | | | | ug/l |
| k1. Dimethyl phthalate | | | | ug/l |
| l1.2,4-dinitrotoluene | | | | ug/l |
| m1. 2,6-dinitrotoluene | | | | ug/l |
| n1. 1,2-diphenylhydrazine | | | | ug/l |
| o1. N-nitrosodi-n-propylamine | | | | ug/l |
| p1. N-nitrosodimethylamine | | | | ug/l |
| q1.N-nitrosodiphenylamine | | | | ug/l |
| r1. Phenanthrene | | | | ug/l |
| s1. Pyrene | | | | ug/l |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l |

**Section IX: Description of Discharge**

| | | |
|---|---|---|
| A. | Discharge Serial No. (assign a three-digit number beginning with 001): | S01 |
| B. | Discharge Point Name: | Sludge |
| | Discharge Point Description: | Sludge |
| C. | Discharge Point Location Info: | |
| | 39 º 18 ' 24 " N Latitude | |
| | 80 º 21 ' 6 " W Longitude *Interactive Map* | |
| | Geospatial Method: | Topograhic Map |
| | Datum: | NAD83 |
| D. | Name of Immediate Receiving Stream ☐ Unnamed Tributary of | |
| | Not Applicable tributary of | |
| | tributary of | |
| | tributary of | |
| | Major Basin: | West Fork River |
| E. | River Mile Point: | |
| G. | Actual Average Flow | 0 GPD (Gallons Per Day) |

**Appendix J: Table 1A All POTWs**

| TABLE 1A - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for All POTWs | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Design Flow Rate | NA | NA | NA | MGD (Million Gallons per Day) |
| b. Biochemical oxygen demand | NA | NA | NA | mg/l |
| c. Fecal Coliform | NA | NA | NA | counts / 100 ml |
| d. pH | NA | NA | NA | S.U. |
| e. Temperature | NA | NA | NA | Degrees F |
| f. Total Suspended Solids | NA | NA | NA | mg/l |

**Appendix J: Table 1 POTWs >= 0.1 MGD**

| TABLE 1 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 0.1 MGD | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Ammonia (as N) | | | | mg/l |
| b. Chlorine (total residual, TRC) | | | | mg/l |
| c. Dissolved oxygen | | | | mg/l |
| d. Nitrate/Nitrite | | | | mg/l |
| e. Kjeldahl nitrogen | | | | mg/l |
| f. Oil and grease | | | | mg/l |
| g. Phosphorus | | | | mg/l |
| h. Total dissolved solids | | | | mg/l |

**Appendix J: Table 2 - Metals(total recoverable), Cyanide, total Phenols**

| TABLE 2- Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Metals (total recoverable), Cyanide and total phenols | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Antimony | | | | ug/l |
| b. Arsenic | | | | ug/l |
| c. Beryllium | | | | ug/l |
| d. Cadmium | | | | ug/l |
| e. Chromium | | | | ug/l |
| f. Copper | | | | ug/l |
| g. Lead | | | | ug/l |
| h. Mercury | | | | ug/l |
| i. Nickel | | | | ug/l |
| j. Selenium | | | | ug/l |
| k. Silver | | | | ug/l |
| l. Thallium | | | | ug/l |
| m. Zinc | | | | ug/l |
| n. Cyanide | | | | ug/l |
| o. Total phenolic compounds | | | | ug/l |
| p. Hardness | | | | ug/l |

**Appendix J: Table 2 - Volatile Organic Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Volatile organic compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acrolein | | | | ug/l |
| b. Acrylonitrile | | | | ug/l |
| c. Benzene | | | | ug/l |
| d. Bromoform | | | | ug/l |
| e. Carbon tetrachloride | | | | ug/l |
| f. Chlorobenzene | | | | ug/l |
| g. Chlorodibromomethane | | | | ug/l |
| h. Chloroethane | | | | ug/l |
| i. 2-chloroethylvinyl ether | | | | ug/l |
| j. Chloroform | | | | ug/l |
| k. Dichlorobromomethane | | | | ug/l |
| l. 1,1-dichloroethane | | | | ug/l |
| m. 1,2-dichloroethane | | | | ug/l |
| n. Trans-1,2-dichloroethylene | | | | ug/l |
| o. 1,1-dichloroethylene | | | | ug/l |
| p. 1,2-dichloropropane | | | | ug/l |
| q. 1,3-dichloropropylene | | | | ug/l |
| r. Ethylbenzene | | | | ug/l |
| s. Methyl bromide | | | | ug/l |
| t. Methyl chloride | | | | ug/l |
| u. Methylene chloride | | | | ug/l |
| v. 1,1,2,2-tetrachloroethane | | | | ug/l |
| w. Tetrachloroethylene | | | | ug/l |
| x. Toluene | | | | ug/l |

| | | | | |
|---|---|---|---|---|
| y. 1,1,1-trichloroethane | | | | ug/l |
| z. 1,1,2-trichloroethane | | | | ug/l |
| a1. Trichloroethylene | | | | ug/l |
| b1. Vinyl chloride | | | | ug/l |

**Appendix J: Table 2 - Acid-Extractable Compounds**

**TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements.**

| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
|---|---|---|---|---|
| | Table 2 - Acid-extractable compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. P-chloro-m-creso | | | | ug/l |
| b. 2-chlorophenol | | | | ug/l |
| c. 2,4-dichlorophenol | | | | ug/l |
| d. 2,4-dimethylphenol | | | | ug/l |
| e. 4,6-dinitro-o-cresol | | | | ug/l |
| f. 2,4-dinitrophenol | | | | ug/l |
| g. 2-nitrophenol | | | | ug/l |
| h. 4-nitrophenol | | | | ug/l |
| i. Pentachlorophenol | | | | ug/l |
| j. Phenol | | | | ug/l |
| k. 2,4,6-trichlorophenol | | | | ug/l |

**Appendix J: Table 2 - Base-Neutral Compounds**

| TABLE 2 - Enter the analysis for the pollutants. Each pollutant must be tested three (3) times. Please call your permit writer if you need additional details and requirements. | | | | |
|---|---|---|---|---|
| 1. POLLUTANT and CAS NO. (If available) | EFFLUENT PARAMETERS for POTWs >= 1.0 MGD | | | |
| | Table 2 - Base-neutral compounds | | | |
| | Results Set One | Results Set Two | Results Set Three | Units |
| a. Acenaphthene | | | | ug/l |
| b. Acenaphthylene | | | | ug/l |
| c. Anthracene | | | | ug/l |
| d. Benzidine | | | | ug/l |
| e. Benzo(a)anthracene | | | | ug/l |
| f. Benzo(a)pyrene | | | | ug/l |
| g. 3,4 benzofluoranthene | | | | ug/l |
| h. Benzo(ghi)perylene | | | | ug/l |
| i. Benzo(k)fluoranthene | | | | ug/l |
| j. Bis (2-chloroethoxy) methane | | | | ug/l |
| k. Fluoranthene | | | | ug/l |
| l. Fluorene | | | | ug/l |
| m. Hexachlorobenzene | | | | ug/l |
| n. Hexachlorobutadiene | | | | ug/l |
| o. Hexachlorocyclo-pentadiene | | | | ug/l |
| p. Hexachloroethane | | | | ug/l |
| q. Indeno(1,2,3-cd)pyrene | | | | ug/l |
| r. Isophorone | | | | ug/l |
| s. Naphthalene | | | | ug/l |
| t. Nitrobenzene | | | | ug/l |
| u. Bis (2-chloroethyl) ether | | | | ug/l |
| v. Bis (2-chloroisopropyl) ether | | | | ug/l |
| w. Bis (2-ethylhexyl) phthalate | | | | ug/l |
| x. 4-bromophenyl phenyl ether | | | | ug/l |
| y. Butyl benzyl phthalate | | | | ug/l |

| | | | | | |
|---|---|---|---|---|---|
| z. 2-chloronaphthalene | | | | ug/l | |
| a1. 4-chlorophenyl phenyl ether | | | | ug/l | |
| b1. Chrysene | | | | ug/l | |
| c1. Di-n-butyl phthalate | | | | ug/l | |
| d1. Di-n-octyl phthalate | | | | ug/l | |
| e1. Dibenzo(a,h)anthracene | | | | ug/l | |
| f1. 1,2-dichlorobenzene | | | | ug/l | |
| g1. 1,3-dichlorobenzene | | | | ug/l | |
| h1. 1,4-dichlorobenzene | | | | ug/l | |
| i1. 3,3-dichlorobenzidine | | | | ug/l | |
| j1. Diethyl phthalate | | | | ug/l | |
| k1. Dimethyl phthalate | | | | ug/l | |
| l1.2,4-dinitrotoluene | | | | ug/l | |
| m1. 2,6-dinitrotoluene | | | | ug/l | |
| n1. 1,2-diphenylhydrazine | | | | ug/l | |
| o1. N-nitrosodi-n-propylamine | | | | ug/l | |
| p1. N-nitrosodimethylamine | | | | ug/l | |
| q1.N-nitrosodiphenylamine | | | | ug/l | |
| r1. Phenanthrene | | | | ug/l | |
| s1. Pyrene | | | | ug/l | |
| t1. 1,2,4,-trichlorobenzene | | | | ug/l | |

**Section X: Facility Description**

X. Facility Description

A. Service

- (●) Municipality
- ( ) Trailer Court
- ( ) School
- ( ) Park
- ( ) Public Service District
- ( ) Shopping Center
- ( ) Apartment Complex
- ( ) Subdivision
- ( ) Other (specify)

B. Number of Persons: 23000

C. Number of home sites, mobile home sites, etc.: 10965

D. Can development be expanded? (●) Yes ( ) No

To what number?: 40000

E. Total area of site in acres: 6-7 square miles

**Section XI A: A. Description of Sewage Disposal System**

XI. DESCRIPTION OF SEWAGE DISPOSAL SYSTEM

A. Collection System

1. Size of sewer lines: 8" to 48"
2. Type of sewer lines: Reinforced concrete, ductile iron, pvc, clay, and cement pipe
3. Length of sewer lines of each size: 8"-230,544'; 10"-28,620'; 12" -59,146'; 15" -12,146'; 16" -258'; 18" -7,872'; 24" -26,128; 30" -4,092'; 36' -21,252'; 48" -8,287'
4. Minimum ground cover on sewer lines: Three (3) feet
5. Type of sewer joints: Rubber Gasket
6. Number of manholes: 55
7. Number of cleanouts: 0
8. Number of lift station: 5
9. Size of force mains: 30"
10. Length of force mains: 4092'

**Section XI B: B. Description of Sewage Disposal System**

**B. TREATMENT PLANT**

1. **Type of treatment:**
   - [x] Activated Sludge
   - [ ] Aerated Lagoon
   - [ ] Extended Aeration
   - [ ] Oxidation Ditch
   - [ ] Sequential Batch Reactor
   - [ ] Stabilization Pond
   - [ ] Other (specify)

| | | |
|---|---|---|
| 2. | Type of Pretreatment: | two (2) Mechanical bar screens |
| 3. | Aeration chamber size: | 6- 205,000 aeration basins |
| 4. | Blower size: | 3-2000 cfm blowers |
| 5. | Clarifier size: | 3- primary clarifiers; 2 @224,000 gallons each, 1@224,400 gallons<br>3- final clarifiers, 290,000 gallons each |
| 6. | Polishing pond dimensions: | N/A |
| 7. | Chlorination chamber size: | 3 Contact Tanks- 76,370 gallons each |
| 8. | Stabilization pond dimensions: | N/A |
| 9. | Post Aeration unit size: | N/A |
| 10. | Various other units and size of units: | 2- Mechanical bar screens, 1- Vortex hydrogritter, 2- dechlorinators |

**Section XII: Description of Operation and Maintenance**

**XII. DESCRIPTION OF OPERATION AND MAINTENANCE**

A. Certified Operator? (●) Yes ( ) No

Classification: IV

B. Frequency of inspection by Operator: Daily

C. Description of operator's duties and method of operation: Superintendent- Class IV Responsible for proper operation and maintenance of facility through delegation of responsibilities to staff members consisting of Pretreatment Coord/Safety Director, Laboratory Director, Maintenance Director, Collection System Inspector, and 8 various certified Operators

D. List various operating equipment: 2 Mechanical Bar Screens, 3 Raw Sewage Pumps, 3 Primary Clarifiers, 3 Primary Sludge Pumps, 3 Process Air Blowers, 6 Aerator Basins, 3 Final Clarifiers, 3 Return Sludge Pumps, 3 500PPD Chlorinators, 2 250PPD Sulfonators, 1 Vortex Hydrogritter, Certified Laboratory. 1 2meter Filter Belt Press and associated equipment

E. Description of Sludge Disposal: Dewatered sludge is disposed of at the landfill.

F. Types of operations ( Indicate 'Yes' for all that applies)

1. Sludge Disposal: ( ) No (●) Yes *( if Yes, you need to fill out Source of Sludge form)*

2. Industrial Users: ( ) No (●) Yes *( if Yes, you need to fill out Industrial User form)*

**Section XIII: Additional Information**

| Item Number | Information |
|---|---|
| Owner Info | Clarksburg Sanitary Board |

**Section For: Facility Information**

NAME OF FACILITY: Clarksburg Wastewater Treatment Plant

NAME OF CONTACT:

Name: Drew Eddy

Title: Superintendent

Phone: 304-624-1626 ###-###-####

MAILING ADDRESS

Address Line1: 1 West Fork Street

Address Line2:

City: Clarksburg

Country: United States of America

State: West Virginia

Zip: 26301

**Section For: Specific Location**

**SPECIFIC LOCATION**

| | |
|---|---|
| Street or Route No., or specific location: | Rt. 19 South of Clarksburg |
| City: | Clarksburg |
| County: | Harrison |
| Postal Code: | 26301 PostalCode Ref. |

Directions to Site:

Take West Pike Street exit off Rt. 50 west. Take Rt. 19 north 1/4mile. Exit Rt. 19 off first right. Follow West Fork Street to the plant.

**Section For: Owner Information**

**OWNER INFORMATION**

| | |
|---|---|
| Owner Name: | Clarksburg Sanitary Board |
| Attention: | Drew Eddy |
| Owner Phone: | 304-624-1626 ###-###-#### |

**MAILING ADDRESS**

| | |
|---|---|
| Address Line1: | 222 West Main Street |
| Address Line2: | |
| City: | Clarksburg |
| Country: | United States of America |
| State: | West Virginia |
| Postal Code: | 26301 PostalCode Ref. |
| Email Address: | deddy@cityofclarksburgwv.com |

**Section For: Description**

**DESCRIPTION**

Select One

- (●) Municipality
- ( ) Public Service District
- ( ) Package Plant
- ( ) Industrial Facility
- ( ) Septic Hauler
- ( ) Private Contractor
- ( ) Other

Specify

**Section For: Health Permits, Licenses, and Application**

**BPH Permit, Licenses and Application (attach copy and/or copies of all BPH permits)**

| | |
|---|---|
| Issuing Agency: | Division of Water and Waste Management |
| Type of Permit: | Sewage |
| Permit Number: | WV0023302 |
| Effective Dates: | 7/1/2020 |
| Expiration Dates | 5/28/2025 |

**Section For: Method of Disposal**

**METHOD OF DISPOSAL**

**Select all that apply**

- [ ] Incinerator
- [x] Landfill(s)
  - Landfill (specify): Meadowfill
- [ ] Land Application
- [ ] Other
  - Other (specify):

**Are you a Municipality?** (•) Yes ( ) No

**Approval letter from each POTW.**

**Attached:** (•) Paper ( ) Electronic

**Section For: Description of Vector Attraction Reduction Method(s)**

**DESCRIPTION OF VECTOR ATTRACTION REDUCTION METHOD(S)**

**Primary Method**

N/A

**Secondary Method(s)**

**Section For: Description of Pathogen Reduction Method(s)**

**DESCRIPTION OF PATHOGEN REDUCTION METHOD(S)**

**Primary Method**

N/A

**Secondary Method(s)**

**Section For: Sludge Source Facility**

**Facility Information ( Please see instruction. )**

| | |
|---|---|
| Facility Name: | Clarksburg Sanitary Board Wastewater Treatment Plant |
| NPDES Number: | WV0023302 |
| Mailing Address: | 222 W. Main Street |
| Street or Route No., or specific location: | |
| City: | Clarksburg |
| County: | Harrison |
| State: | West Virginia |
| Zip: | 26301 PostalCode Ref. |

**Direction to Facility:**

Take West Pike Exit Rt. 50, turn right onto Rt.19 North, take first right hand turn at 1/4 mile onto West Fork Street. Follow street until you come to the Wastewater Plant.

**Section For: Sludge Quantity**

| | |
|---|---|
| Amount of dry sludge tonnage generated, processed, or disposed annually: | 1031.25 |
| Amount of septage (in GPD) generated, processed, or disposed annually: | 204381 |
| Design flow (in MGD) of wastewater plant: | 8.0 |

**Section For: Sludge Quality**

Enter results of last three sludge analyses

| | | | |
|---|---|---|---|
| Sample Date: | 3/13/2024 | 6/12/2024 | 9/12/2024 |
| Arsenic: | 14.20 | 6.50 | 13.2 |
| Cadmium: | 2.00 | 1.50 | 1.0 |
| Chromium: | 29.50 | 31.70 | 18.9 |
| Copper: | 118 | 138 | 140 |
| Lead: | 49.70 | 72.10 | 42 |
| Mercury: | .0003 | .3400 | .17 |
| Molybdenum: | <1.10 | 3.20 | 5.6 |
| Nickel: | 19 | 20.60 | 13.5 |
| Selenium: | <1.75 | 4.30 | <2.2 |
| Zinc: | 483 | 629 | 493 |
| Organic-Nitrogen: | 27500 | 30000 | 43000 |
| Ammonia-Nitrogen: | 2520 | 398 | 644 |
| Potassium: | 3750 | 4400 | 2720 |
| Phosphorus: | 9410 | 8020 | 13000 |
| Calcium: | 35500 | 37400 | 25800 |
| Magnesium: | 2900 | 177 | 1550 |
| Percent Solids: | 28.40 | 34.80 | 22.3 |
| Fecal Coliform: | N/A | N/A | N/A |
| pH: | 6.98 | 6.80 | 6.80 |

**Section For: Sludge Source Industrial Users**

| Facility Name | Type of Facility | Quantity of Discharge | Monitoring Required |
|---|---|---|---|
| | | | ○ Yes ◉ No |

**Section: WasteLoad App Owner Information**

Part A. Date: 7/17/2024

Have any prior applications been made for this facility? (●) Yes ( ) No

If yes, give dates of prior applications.

Clarksburg Sanitary Board

I. Owner of the Wastewater system: CLARKSBURG SANITARY BD

Mailing Address: 222 WEST MAIN ST *(if this is Post Office Box*

Street Address: *provide Street Address)*

City: CLARKSBURG

Country: United States of America State: West Virginia

Zip: 26301 Phone: 3046241626

Phone EXT:

**Section: WasteLoad App Submitted By**

Form submitted by: EDDY, DREW CARROLL

Email Address: DEDDY@CITYOFCLARKSBURGWV.COM

Mailing Address: 222 WEST MAIN STREET *(if this is Post Office Box*

Street Address: *provide Street Address)*

City: CLARKSBURG

Country: United States of America State: West Virginia

Zip: 26301 Phone: 3046241627

Phone EXT:

**Section: WasteLoad App Location Information**

II. Physical location: Rt. 19 South of Clarksburg

List Wastewater treatment facilities within one mile:

None

**Section: WasteLoad App Discharge Information**

IV. Discharge point location. (This discharge point refers to the exact location of the pipe outlet from the treatment facility.)

(a) Name of the county where discharge point is located: Harrison

(b) Name of U.S.G.S. 7.5 minute topographic map: CLARKSBURG

TOPOGRAPHIC MAP OR COPY OF THE TOPOGRAPHIC MAP SHOWING FACILITY LOCATION, EFFLUENT PIPELINE, AND DISCHARGE POINT MUST BE ATTACHED. (See item 3, instruction.) ○ Paper ◉ Electronic

(c) Immediate receiving stream is: West Fork River

which is a tributary of Monongahela River (See item 4. instructions.)

(d) Does the immediate receiving stream have a year round flow? ◉ Yes ○ No

(e) The discharge point on the immediate receiving stream is 28.6 Miles (to the nearest tenth) from the mouth of the immediate receiving stream.

(f) Within five miles down stream from the discharge point, does the receiving stream have a domestic water supply intake? ○ Yes ◉ No; an impoundment? ○ Yes ◉ No.

(g) Latitude and longitude of discharge point to the nearest second.

Latitude: 39 ° 18 " 24 '

Longitude: 80 ° 21 " 06 ' *Interactive Mapper*

Verify County vs Lat Long

Geospatial method: GPS/GNSS

Datum: Other

(h) Give measured drainage area from the U.S.G.S. topographic map:

0.2 Square Miles. (See item 5, instructions.)

Section: WasteLoad App Facility Description

V. Facility Description

(a) Name and purpose of facility (name of municipality, name of mobile home park, name of motel, etc.):

Clarksburg Sanitary Board Wastewater Treatment Plant

(b) Will this treatment plant handle sewage from town/entities other than the owner listed above?

◉ Yes ○ No

If yes, list all other town/entities.

Town of Anmoore, Town of Stonewood, Town of Nutter Fort, East View PSD, Summit Park PSD, Sun Valley PSD, Greater Harrison PSD

(c) Will this facility be used for industrial wastes? ◉ Yes ○ No

If yes, give the percent of flow from industrial users: 5.36

(d) Is this a proposal to construct a new treatment facility or to expand an existing treatment facility?

○ Yes ◉ No

If yes, it will be necessary to fill out the Additional Information for Municipal/Private Sewage Treatment Wasteload Allocation Form. (If HAU, you do not need to fill out the additional information.)

(e) Design Standards

| Design Criteria | Existing ◉ Yes ○ No | | Design (See item 6. instructions.) | |
|---|---|---|---|---|
| Number of persons | 23000 | Person | 80000 | Person |
| Flow per person | 100 | gal/day/person | 100 | gal/day/person |
| Total waste water flow | 2300000 | gallon/day | 8000000 | gallon/day |

Section: WasteLoad App Section VI

VI. (a) Distance to the nearest public sewer: 10 ○ Miles ◉ Feet.

(b) Street or other location of nearest public sewer: West Fork Street

(c) Give reason why the public sewer is not being used: (See Item V. conditions.) Not available in the area.

Wastewater plant connected to public sewer.

**DEP: Part B. Filled out by DEP Staff**

**PART B. To be completed by the Division of Water and Waste Management, Department of Environmental Protection**

Date: 10/30/2024

Design Flow 8 mgd

Trout ○ Yes ◉ No

7/Q/10 55

◉ cfs ○ mgd

○ Graph ◉ Station

TRC Max, ug/l: 28.0

Bacteria Disinfection is required.

Elevation 910 ft.

Comments: Batch 7768-Outlet 001

Completed By: RJ

Entered: 11/7/2024

Other approvals

Engineering Section: Date:

Inspector: Date:

Peer Review: Date:

Allowable Waste Load (30 day average)

| Parameters | Conc. (mg/l) Summer | Conc. (mg/l) Winter | lbs/day Summer | lbs/day Winter |
|---|---|---|---|---|
| UBOD | 55.14 | 95.27 | 3678.9408 | 6356.4144 |
| BOD5 | 20 | 30 | 1334.4 | 2001.6 |
| ○ TKN | | | | |
| ◉ NH3-N | 5.5 | 11 | 366.96 | 733.92 |
| SS | 30 | 30 | 2001.6 | 2001.6 |
| DO | 7 | 7 | Instantaneous | |

**Form: Statement For Billing, Class I**

The Clarksburg Sanitary Board , of which I am an
name of company or facility
authorized representative, has applied for a West Virginia National Pollutant Discharge Elimination System permit from the West Virginia Department of Environmental Protection, Division of Water and Waste Management. Under the West Virginia Legislative Rules, Title 47, Series 10, Section 12.1.c.2, the costs of publishing a Class I legal advertisement are to be paid by the applicant who must also send the certificate of publication to the Division of Water and Waste Management within twenty (20) days after publication..

The Clarksburg Sanitary Board , hereby agrees to pay
name of company or facility
the cost of such legal advertisement. The publishing newspaper should send the certificate of publication and bill to:

Company or Facility name and address:

| | |
|---|---|
| Name: | Clarksburg Sanitary Board |
| Address Line 1: | 222 West Main Street |
| Address Line 2: | |
| Country: | United States of America |
| City: | Clarksburg |
| State: | West Virginia |
| Zip: | 26301 PostalCode Ref. |

Drew Eddy (authorized representative) 304-624-1626 (###-###-####) (area code phone number)

_____
Signature of Authorized Representative

Sworn and subscribed to before me this_____ day of _____ , 20_____.

_____
Notary Public

_____
Commission Expires

**Form: Customer Fee Form**

| | |
|---|---|
| Facility Name: | Clarksburg Sanitary Board |
| WV/NPDES Permit No: | WV0023302 |
| Contact Person: | Drew Eddy |
| Contact Phone: | 304-626-1624 (###-###-####) |
| 1.Number of Customer | 10965 ( single family dwelling units, and small business establishments ) |

**OTHER (Please include commercial, industrial, municipalities, public service districts, apartment complexes, subdivisions, mobile home parks, etc. counted as one (1) billing on your system.)**

| Customer Name | Estimated Daily Wastewater Flow |
|---|---|
| Town of Anmoore | 137,600 |
| East View PSD | 35,000 |
| Greater Harrison PSD | 58,000 |
| Town of Nutterfort | 142,050 |
| Summit Park PSD | 39,300 |
| Town of Stonewood | 120,000 |
| Clarksburg Nursing and Rehabilitation Center | 10,000 |

| | | | |
|---|---|---|---|
| Applicant: | CLARKSBURG SANITARY BD | Type: | Reissue NPDES Sewage Treatment |
| Reference ID: | 2025 Renewal Application WV0023302 (03/27/2024) | Permit ID: | WV0023302 |
| Section VIII: Certification | | | |
| Status | New | Printed: | Oct. 25, 2024 9:31 AM |

VIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. NAME AND OFFICIAL TITLE (type or print)

Name: Drew Eddy

Official Title: Superintendent

B. SIGNATURE: _____

C. DATE SIGNED: 10/25/2024

**Please Print, Sign, Scan and attach this document rather than mailing as a wet ink signature is no longer required.**

| | | | |
|---|---|---|---|
| Applicant: | CLARKSBURG SANITARY BD | Type: | Reissue NPDES Sewage Treatment |
| Reference ID: | 2025 Renewal Application WV0023302 (03/27/2024) | Permit ID: | WV0023302 |
| Form: Statement For Billing, Class I | | | |
| Status | New | Printed: | Oct. 25, 2024 9:37 AM |

The Clarksburg Sanitary Board , of which I am an
name of company or facility

authorized representative, has applied for a West Virginia National Pollutant Discharge Elimination System permit from the West Virginia Department of Environmental Protection, Division of Water and Waste Management. Under the West Virginia Legislative Rules, Title 47, Series 10, Section 12.1.c.2, the costs of publishing a Class I legal advertisement are to be paid by the applicant who must also send the certificate of publication to the Division of Water and Waste Management within twenty (20) days after publication..

The Clarksburg Sanitary Board , hereby agrees to pay
name of company or facility

the cost of such legal advertisement. The publishing newspaper should send the certificate of publication and bill to:

Company or Facility name and address:

| | |
|---|---|
| Name: | Clarksburg Sanitary Board |
| Address Line 1: | 222 West Main Street |
| Address Line 2: | |
| Country: | United States of America |
| City: | Clarksburg |
| State: | West Virginia |
| Zip: | 26301 PostalCode Ref. |

Drew Eddy 304-624-1626 (###-###-####)
authorized representative area code phone number

Signature of Authorized Representative

Sworn and subscribed to before me this 28th day of October, 2024.

Kelly L. Cross
Notary Public

August 18, 2028
Commission Expires

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Kelly L Cross
222 West Main Street
Clarksburg, WV 26301
My Commission Expires 08/18/2028

# Non-Hazardous WAM Approval

Requested Management Facility: Meadowfill Landfill

Profile Number: 160621 Waste Acceptance Expiration Date: 10/15/2024

Common Name: WWTP SLUDGE WM Regulatory Volume Limit: 6000 Tons ☐ NA

**APPROVAL DETAILS**

Approval Decision: ☑ Approved ☐ Not Approved Profile Renewal: ☑ Yes ☐ No

Management Method: Direct Landfill

Generator Name: CITY OF CLARKSBURG SANITARY BOARD

Profile Expiration Date: 10/15/2025

Periodic Testing Due Date: 10/15/2024 ☐ NA

Other Due Date: ☑ NA (Specify)

Management Facility Precautions, Special Handling Procedures or Limitation on approval:

**Generator Conditions**

- Shall not contain free liquids.
- Waste manifest or applicable shipping document must accompany load.
- The waste profile number must appear on the shipping papers.

Valerie David [9/12/2023]:

(1) All sewage sludge disposed at a landfill must contain at least 20% solid by weight prior to disposal.

Brandon Lamp [4/10/2024]:

Periodic Analysis is approved.

**Special Handling Instructions**

- Potential odor nuisance
- Soft/Sludge/Wet waste subject to WWL Procedure 005

Valerie David [9/12/2023]:

(1) All sewage sludge disposed at a landfill must contain at least 20% solid by weight prior to disposal.

(2) Sewage sludge may not constitute more than 25% by weight of the total waste disposed of at the landfill on any one working day.

WM Authorization Name: Valerie David Berkowicz Title: Waste Approval Manager

WM Authorization Signature: Valerie Lyn Davis Date: 09/12/2023

Agency Authorization (if Required): Date:



Last Revised January 25, 2018
©2018 Waste Management

**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

March 18, 2024

Ms. Kelly Lanza
City of Clarksburg - Wastewater
Municipal Building
222 West Main Street
Clarksburg, WV 26301

RE: Project: Permit Renewal
Pace Project No.: 30664903

Dear Ms. Lanza:

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Beaver
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heather Godbey

Heather M. Godbey
heather.godbey@pacelabs.com
(800)999-0105
Project Manager

Enclosures

**REPORT OF LABORATORY ANALYSIS**

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16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## CERTIFICATIONS

Project: Permit Renewal
Pace Project No.: 30664903

**Pace Analytical Services Pennsylvania**

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

**Pace Analytical Services Beaver**

225 Industrial Park Road, Beaver, WV 25813
Virginia VELAP 460148
West Virginia DEP 060
West Virginia DHHR 00412CM
North Carolina DEQ 466
Kentucky Wastewater Certification KY90039
Pennsylvania DEP 68-00839

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(304)241-5861

## SAMPLE SUMMARY

Project: Permit Renewal
Pace Project No.: 30664903

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| **30664903001** | **Comp** | Water | 02/29/24 07:00 | 02/29/24 16:30 |
| **30664903002** | **Grab** | Water | 02/29/24 07:00 | 02/29/24 16:30 |
| **30664903003** | **Trip Blank** | Water | 02/29/24 00:00 | 02/29/24 16:30 |



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(304)241-5861

## SAMPLE ANALYTE COUNT

Project: Permit Renewal
Pace Project No.: 30664903

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| **30664903001** | **Comp** | EPA 200.7 | MFC | 13 | PASI-BV |
| | | EPA 245.1 | JLH1 | 1 | PASI-BV |
| | | SM 2540C-2015 | LPF | 1 | PASI-BV |
| | | EPA 351.2, Rev 2.0 | CJD | 1 | PASI-BV |
| | | EPA 625.1 Dec 2016 | EAC | 63 | PASI-PA |
| | | SM 4500PE-2011 | JLM | 1 | PASI-PA |
| **30664903002** | **Grab** | EPA 1664A | SMS | 1 | PASI-BV |
| | | EPA 335.4, Rev 1.0 | CJD | 1 | PASI-BV |
| | | EPA 420.1 | CDI | 1 | PASI-BV |
| | | EPA 624.1 Dec 2016 | AJC | 32 | PASI-PA |
| **30664903003** | **Trip Blank** | EPA 624.1 Dec 2016 | AJC | 32 | PASI-PA |

PASI-BV = Pace Analytical Services - Beaver
PASI-PA = Pace Analytical Services - Greensburg



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Morgantown, WV 26501
(304)241-5861

# ANALYTICAL RESULTS

Project: Permit Renewal
Pace Project No.: 30664903

**Sample: Comp** **Lab ID: 30664903001** Collected: 02/29/24 07:00 Received: 02/29/24 16:30 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **BVR 200.7 Metals Total** | Analytical Method: EPA 200.7 Preparation Method: EPA 200.2 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Antimony | ND | ug/L | 20.0 | 4.2 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-36-0 | |
| Arsenic | ND | mg/L | 0.020 | 0.0066 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-38-2 | |
| Beryllium | ND | ug/L | 1.0 | 0.29 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-41-7 | |
| Cadmium | ND | mg/L | 0.0020 | 0.00025 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-43-9 | |
| Chromium | ND | mg/L | 0.0050 | 0.0016 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-47-3 | |
| Copper | ND | mg/L | 0.0050 | 0.0035 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-50-8 | |
| Lead | ND | mg/L | 0.010 | 0.0034 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7439-92-1 | |
| Nickel | ND | mg/L | 0.0050 | 0.0016 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-02-0 | |
| Selenium | ND | ug/L | 20.0 | 4.7 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7782-49-2 | |
| Silver | ND | mg/L | 0.0050 | 0.0022 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-22-4 | |
| Thallium | ND | ug/L | 10.0 | 3.4 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-28-0 | |
| Total Hardness | **158000** | ug/L | 3310 | 415 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | | |
| Zinc | **0.018J** | mg/L | 0.020 | 0.0084 | 1 | 03/06/24 12:39 | 03/07/24 17:15 | 7440-66-6 | |
| **BVR 245.1 Mercury** | Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Mercury | ND | ug/L | 0.20 | 0.17 | 1 | 03/04/24 10:35 | 03/04/24 14:22 | 7439-97-6 | |
| **BVR 2540C Total Dissol. Solids** | Analytical Method: SM 2540C-2015 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Total Dissolved Solids | **286** | mg/L | 10.0 | 5.0 | 1 | | 03/05/24 22:20 | | |
| **BVR 351.2 Total Kjeldahl Nitro** | Analytical Method: EPA 351.2, Rev 2.0 Preparation Method: EPA 351.2, Rev 2.0 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Nitrogen, Kjeldahl, Total | **0.85** | mg/L | 0.50 | 0.32 | 1 | 03/04/24 11:25 | 03/04/24 20:14 | 7727-37-9 | |
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| Acenaphthene | ND | ug/L | 1.2 | 0.72 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 83-32-9 | |
| Acenaphthylene | ND | ug/L | 1.2 | 0.77 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 208-96-8 | |
| Anthracene | ND | ug/L | 1.2 | 0.79 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 120-12-7 | |
| Benzidine | ND | ug/L | 18.1 | 5.3 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 92-87-5 | CH,L2 |
| Benzo(a)anthracene | ND | ug/L | 1.2 | 0.93 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 56-55-3 | |
| Benzo(a)pyrene | ND | ug/L | 1.2 | 0.91 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 50-32-8 | |
| Benzo(b)fluoranthene | ND | ug/L | 1.2 | 0.90 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 205-99-2 | |
| Benzo(g,h,i)perylene | ND | ug/L | 1.2 | 0.96 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 191-24-2 | |
| Benzo(k)fluoranthene | ND | ug/L | 1.2 | 0.86 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 207-08-9 | |
| 4-Bromophenylphenyl ether | ND | ug/L | 1.2 | 0.81 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 101-55-3 | |
| Butylbenzylphthalate | ND | ug/L | 3.0 | 0.85 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 85-68-7 | |
| bis(2-Chloroethoxy)methane | ND | ug/L | 1.2 | 0.70 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 111-91-1 | |
| bis(2-Chloroethyl) ether | ND | ug/L | 1.2 | 0.64 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 111-44-4 | |
| bis(2-Chloroisopropyl) ether | ND | ug/L | 1.2 | 0.75 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 108-60-1 | |
| 2-Chloronaphthalene | ND | ug/L | 1.2 | 0.79 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 91-58-7 | |
| 2-Chlorophenol | ND | ug/L | 1.2 | 0.71 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 95-57-8 | |

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Morgantown, WV 26501
(304)241-5861

## ANALYTICAL RESULTS

Project: Permit Renewal
Pace Project No.: 30664903

**Sample: Comp** **Lab ID: 30664903001** Collected: 02/29/24 07:00 Received: 02/29/24 16:30 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| 4-Chlorophenylphenyl ether | ND | ug/L | 1.2 | 0.72 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 7005-72-3 | |
| Chrysene | ND | ug/L | 1.2 | 0.96 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 218-01-9 | |
| Dibenz(a,h)anthracene | ND | ug/L | 1.2 | 0.91 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 53-70-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 1.2 | 0.72 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 1.2 | 0.68 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 1.2 | 0.68 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | ND | ug/L | 1.2 | 0.98 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 91-94-1 | |
| 2,4-Dichlorophenol | ND | ug/L | 1.2 | 0.73 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 120-83-2 | |
| Diethylphthalate | ND | ug/L | 1.2 | 0.77 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 84-66-2 | |
| 2,4-Dimethylphenol | ND | ug/L | 1.2 | 0.78 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 105-67-9 | |
| Dimethylphthalate | ND | ug/L | 1.2 | 0.77 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 131-11-3 | |
| Di-n-butylphthalate | ND | ug/L | 1.2 | 0.97 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 84-74-2 | |
| 4,6-Dinitro-2-methylphenol | ND | ug/L | 3.0 | 2.1 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 534-52-1 | |
| 2,4-Dinitrophenol | ND | ug/L | 3.0 | 2.9 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 51-28-5 | |
| 2,4-Dinitrotoluene | ND | ug/L | 1.2 | 0.56 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 121-14-2 | |
| 2,6-Dinitrotoluene | ND | ug/L | 1.2 | 0.67 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 606-20-2 | |
| Di-n-octylphthalate | ND | ug/L | 3.0 | 1.3 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 117-84-0 | |
| 1,2-Diphenylhydrazine | ND | ug/L | 1.2 | 0.79 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 122-66-7 | |
| bis(2-Ethylhexyl)phthalate | ND | ug/L | 3.0 | 1.8 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 117-81-7 | |
| Fluoranthene | ND | ug/L | 1.2 | 0.85 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 206-44-0 | |
| Fluorene | ND | ug/L | 1.2 | 0.74 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 86-73-7 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 1.2 | 0.72 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 87-68-3 | |
| Hexachlorobenzene | ND | ug/L | 1.2 | 0.82 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 118-74-1 | |
| Hexachlorocyclopentadiene | ND | ug/L | 1.2 | 0.69 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 77-47-4 | CH |
| Hexachloroethane | ND | ug/L | 1.2 | 0.69 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | ND | ug/L | 1.2 | 0.84 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 193-39-5 | |
| Isophorone | ND | ug/L | 1.2 | 0.73 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 78-59-1 | |
| 3&4-Methylphenol(m&p Cresol) | ND | ug/L | 2.4 | 1.1 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | | |
| Naphthalene | ND | ug/L | 3.0 | 0.80 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 91-20-3 | |
| Nitrobenzene | ND | ug/L | 1.2 | 0.71 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 98-95-3 | |
| 2-Nitrophenol | ND | ug/L | 1.2 | 0.81 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 88-75-5 | |
| 4-Nitrophenol | ND | ug/L | 1.2 | 0.43 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 100-02-7 | |
| N-Nitrosodimethylamine | ND | ug/L | 1.2 | 0.41 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 62-75-9 | |
| N-Nitroso-di-n-propylamine | ND | ug/L | 1.2 | 0.70 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 621-64-7 | |
| N-Nitrosodiphenylamine | ND | ug/L | 1.2 | 0.82 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 86-30-6 | |
| Pentachlorophenol | ND | ug/L | 3.0 | 1.8 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 87-86-5 | |
| Phenanthrene | ND | ug/L | 1.2 | 0.79 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 85-01-8 | |
| Phenol | ND | ug/L | 1.2 | 0.30 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 108-95-2 | |
| Pyrene | ND | ug/L | 1.2 | 0.91 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 1.2 | 0.71 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 120-82-1 | |
| 2,4,6-Trichlorophenol | ND | ug/L | 1.2 | 0.71 | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 88-06-2 | |
| ***Surrogates*** | | | | | | | | | |
| Nitrobenzene-d5 (S) | 65 | %. | 10-175 | | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 60 | %. | 20-133 | | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 321-60-8 | |
| Terphenyl-d14 (S) | 83 | %. | 30-148 | | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 1718-51-0 | |

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## ANALYTICAL RESULTS

Project: Permit Renewal
Pace Project No.: 30664903

**Sample: Comp** **Lab ID: 30664903001** Collected: 02/29/24 07:00 Received: 02/29/24 16:30 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| Phenol-d6 (S) | 28 | %. | 10-63 | | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 13127-88-3 | |
| 2-Fluorophenol (S) | 39 | %. | 10-95 | | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 81 | %. | 10-166 | | 1 | 03/04/24 18:01 | 03/05/24 23:55 | 118-79-6 | |
| **4500PB5E Total Phosphorus** | Analytical Method: SM 4500PE-2011 Preparation Method: SM 4500PB-2011 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| Phosphorus | **0.23** | mg/L | 0.030 | 0.014 | 1 | 03/11/24 10:40 | 03/12/24 13:55 | 7723-14-0 | |

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## ANALYTICAL RESULTS

Project: Permit Renewal
Pace Project No.: 30664903

**Sample: Grab** **Lab ID: 30664903002** Collected: 02/29/24 07:00 Received: 02/29/24 16:30 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **BVR 1664 SGT-HEM, TPH** | Analytical Method: EPA 1664A<br>Pace Analytical Services - Beaver | | | | | | | | |
| Non-polar Material | ND | mg/L | 4.9 | 2.2 | 1 | | 03/12/24 15:13 | | N2 |
| **335.4 BVR Cyanide, Total** | Analytical Method: EPA 335.4, Rev 1.0 Preparation Method: EPA 335.4, Rev 1.0<br>Pace Analytical Services - Beaver | | | | | | | | |
| Cyanide | ND | mg/L | 0.020 | 0.0050 | 1 | 03/07/24 18:09 | 03/08/24 16:02 | 57-12-5 | M1 |
| **BVR Phenolic Total Recoverable** | Analytical Method: EPA 420.1 Preparation Method: EPA 420.1<br>Pace Analytical Services - Beaver | | | | | | | | |
| Phenolics, Total Recoverable | **0.14** | mg/L | 0.010 | 0.0050 | 1 | 03/11/24 06:36 | 03/11/24 06:45 | 64743-03-9 | |
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Acrolein | ND | ug/L | 4.0 | 4.0 | 1 | | 03/06/24 16:26 | 107-02-8 | Ac |
| Acrylonitrile | ND | ug/L | 4.0 | 1.4 | 1 | | 03/06/24 16:26 | 107-13-1 | 1c |
| Benzene | ND | ug/L | 1.0 | 0.41 | 1 | | 03/06/24 16:26 | 71-43-2 | |
| Bromodichloromethane | **2.0** | ug/L | 1.0 | 0.39 | 1 | | 03/06/24 16:26 | 75-27-4 | |
| Bromoform | ND | ug/L | 4.0 | 1.5 | 1 | | 03/06/24 16:26 | 75-25-2 | |
| Bromomethane | ND | ug/L | 4.0 | 2.5 | 1 | | 03/06/24 16:26 | 74-83-9 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 0.52 | 1 | | 03/06/24 16:26 | 56-23-5 | L2 |
| Chlorobenzene | ND | ug/L | 1.0 | 0.42 | 1 | | 03/06/24 16:26 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 0.75 | 1 | | 03/06/24 16:26 | 75-00-3 | |
| 2-Chloroethylvinyl ether | ND | ug/L | 2.0 | 0.34 | 1 | | 03/06/24 16:26 | 110-75-8 | |
| Chloroform | **11.8** | ug/L | 4.0 | 1.2 | 1 | | 03/06/24 16:26 | 67-66-3 | |
| Chloromethane | **0.94J** | ug/L | 1.0 | 0.34 | 1 | | 03/06/24 16:26 | 74-87-3 | |
| Dibromochloromethane | **0.48J** | ug/L | 1.0 | 0.42 | 1 | | 03/06/24 16:26 | 124-48-1 | |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 0.26 | 1 | | 03/06/24 16:26 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 0.35 | 1 | | 03/06/24 16:26 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 0.28 | 1 | | 03/06/24 16:26 | 75-35-4 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 03/06/24 16:26 | 156-60-5 | L2 |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 0.30 | 1 | | 03/06/24 16:26 | 78-87-5 | |
| Total 1,3-Dichloropropene | ND | ug/L | 2.0 | 0.66 | 1 | | 03/06/24 16:26 | | N2 |
| Ethylbenzene | ND | ug/L | 1.0 | 0.31 | 1 | | 03/06/24 16:26 | 100-41-4 | |
| Methylene Chloride | ND | ug/L | 1.0 | 0.75 | 1 | | 03/06/24 16:26 | 75-09-2 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 0.24 | 1 | | 03/06/24 16:26 | 79-34-5 | |
| Tetrachloroethene | **0.66J** | ug/L | 1.0 | 0.30 | 1 | | 03/06/24 16:26 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 0.24 | 1 | | 03/06/24 16:26 | 108-88-3 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 0.43 | 1 | | 03/06/24 16:26 | 71-55-6 | |
| 1,1,2-Trichloroethane | **0.63J** | ug/L | 1.0 | 0.46 | 1 | | 03/06/24 16:26 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 03/06/24 16:26 | 79-01-6 | |
| Vinyl chloride | ND | ug/L | 1.0 | 0.28 | 1 | | 03/06/24 16:26 | 75-01-4 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 99 | %. | 80-120 | | 1 | | 03/06/24 16:26 | 460-00-4 | |
| Toluene-d8 (S) | 101 | %. | 80-120 | | 1 | | 03/06/24 16:26 | 2037-26-5 | |
| 1,2-Dichloroethane-d4 (S) | 98 | %. | 80-120 | | 1 | | 03/06/24 16:26 | 17060-07-0 | |

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## ANALYTICAL RESULTS

Project: Permit Renewal
Pace Project No.: 30664903

**Sample: Grab** **Lab ID: 30664903002** Collected: 02/29/24 07:00 Received: 02/29/24 16:30 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| Dibromofluoromethane (S) | 92 | %. | 74-125 | | 1 | | 03/06/24 16:26 | 1868-53-7 | |

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## ANALYTICAL RESULTS

Project: Permit Renewal
Pace Project No.: 30664903

**Sample: Trip Blank** **Lab ID: 30664903003** Collected: 02/29/24 00:00 Received: 02/29/24 16:30 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Acrolein | **7.3** | ug/L | 4.0 | 4.0 | 1 | | 03/06/24 15:36 | 107-02-8 | Ac |
| Acrylonitrile | ND | ug/L | 4.0 | 1.4 | 1 | | 03/06/24 15:36 | 107-13-1 | 1c |
| Benzene | ND | ug/L | 1.0 | 0.41 | 1 | | 03/06/24 15:36 | 71-43-2 | |
| Bromodichloromethane | **0.44J** | ug/L | 1.0 | 0.39 | 1 | | 03/06/24 15:36 | 75-27-4 | |
| Bromoform | ND | ug/L | 4.0 | 1.5 | 1 | | 03/06/24 15:36 | 75-25-2 | |
| Bromomethane | ND | ug/L | 4.0 | 2.5 | 1 | | 03/06/24 15:36 | 74-83-9 | |
| Carbon tetrachloride | ND | ug/L | 1.0 | 0.52 | 1 | | 03/06/24 15:36 | 56-23-5 | L2 |
| Chlorobenzene | ND | ug/L | 1.0 | 0.42 | 1 | | 03/06/24 15:36 | 108-90-7 | |
| Chloroethane | ND | ug/L | 1.0 | 0.75 | 1 | | 03/06/24 15:36 | 75-00-3 | |
| 2-Chloroethylvinyl ether | ND | ug/L | 2.0 | 0.34 | 1 | | 03/06/24 15:36 | 110-75-8 | |
| Chloroform | ND | ug/L | 4.0 | 1.2 | 1 | | 03/06/24 15:36 | 67-66-3 | |
| Chloromethane | **0.83J** | ug/L | 1.0 | 0.34 | 1 | | 03/06/24 15:36 | 74-87-3 | |
| Dibromochloromethane | ND | ug/L | 1.0 | 0.42 | 1 | | 03/06/24 15:36 | 124-48-1 | |
| 1,1-Dichloroethane | **0.46J** | ug/L | 1.0 | 0.26 | 1 | | 03/06/24 15:36 | 75-34-3 | |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 0.35 | 1 | | 03/06/24 15:36 | 107-06-2 | |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 0.28 | 1 | | 03/06/24 15:36 | 75-35-4 | |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 03/06/24 15:36 | 156-60-5 | L2 |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 0.30 | 1 | | 03/06/24 15:36 | 78-87-5 | |
| Total 1,3-Dichloropropene | ND | ug/L | 2.0 | 0.66 | 1 | | 03/06/24 15:36 | | N2 |
| Ethylbenzene | ND | ug/L | 1.0 | 0.31 | 1 | | 03/06/24 15:36 | 100-41-4 | |
| Methylene Chloride | ND | ug/L | 1.0 | 0.75 | 1 | | 03/06/24 15:36 | 75-09-2 | |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 0.24 | 1 | | 03/06/24 15:36 | 79-34-5 | |
| Tetrachloroethene | ND | ug/L | 1.0 | 0.30 | 1 | | 03/06/24 15:36 | 127-18-4 | |
| Toluene | ND | ug/L | 1.0 | 0.24 | 1 | | 03/06/24 15:36 | 108-88-3 | |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 0.43 | 1 | | 03/06/24 15:36 | 71-55-6 | |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 0.46 | 1 | | 03/06/24 15:36 | 79-00-5 | |
| Trichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 03/06/24 15:36 | 79-01-6 | |
| Vinyl chloride | ND | ug/L | 1.0 | 0.28 | 1 | | 03/06/24 15:36 | 75-01-4 | |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 109 | %. | 80-120 | | 1 | | 03/06/24 15:36 | 460-00-4 | |
| Toluene-d8 (S) | 99 | %. | 80-120 | | 1 | | 03/06/24 15:36 | 2037-26-5 | |
| 1,2-Dichloroethane-d4 (S) | 105 | %. | 80-120 | | 1 | | 03/06/24 15:36 | 17060-07-0 | |
| Dibromofluoromethane (S) | 100 | %. | 74-125 | | 1 | | 03/06/24 15:36 | 1868-53-7 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 653097
QC Batch Method: EPA 200.2
Analysis Method: EPA 200.7
Analysis Description: BVR 200.7 Metals, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30664903001

METHOD BLANK: 3182060 Matrix: Water
Associated Lab Samples: 30664903001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 20.0 | 4.2 | 03/07/24 17:01 | |
| Arsenic | mg/L | ND | 0.020 | 0.0066 | 03/07/24 17:01 | |
| Beryllium | ug/L | ND | 1.0 | 0.29 | 03/07/24 17:01 | |
| Cadmium | mg/L | ND | 0.0020 | 0.00025 | 03/07/24 17:01 | |
| Chromium | mg/L | ND | 0.0050 | 0.0016 | 03/07/24 17:01 | |
| Copper | mg/L | ND | 0.0050 | 0.0035 | 03/07/24 17:01 | |
| Lead | mg/L | ND | 0.010 | 0.0034 | 03/07/24 17:01 | |
| Nickel | mg/L | ND | 0.0050 | 0.0016 | 03/07/24 17:01 | |
| Selenium | ug/L | ND | 20.0 | 4.7 | 03/07/24 17:01 | |
| Silver | mg/L | ND | 0.0050 | 0.0022 | 03/07/24 17:01 | |
| Thallium | ug/L | ND | 10.0 | 3.4 | 03/07/24 17:01 | |
| Zinc | mg/L | ND | 0.020 | 0.0084 | 03/07/24 17:01 | |

LABORATORY CONTROL SAMPLE: 3182061

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 2000 | 1990 | 100 | 85-115 | |
| Arsenic | mg/L | 2 | 2.0 | 98 | 85-115 | |
| Beryllium | ug/L | 500 | 518 | 104 | 85-115 | |
| Cadmium | mg/L | 1 | 1.0 | 103 | 85-115 | |
| Chromium | mg/L | 2 | 2.1 | 106 | 85-115 | |
| Copper | mg/L | 2 | 2.1 | 106 | 85-115 | |
| Lead | mg/L | 2 | 2.0 | 102 | 85-115 | |
| Nickel | mg/L | 2 | 2.1 | 105 | 85-115 | |
| Selenium | ug/L | 2000 | 2000 | 100 | 85-115 | |
| Silver | mg/L | 0.5 | 0.53 | 107 | 85-115 | |
| Thallium | ug/L | 2000 | 2020 | 101 | 85-115 | |
| Zinc | mg/L | 2 | 2.0 | 101 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3182062 3182063

| Parameter | Units | 30665296006 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 2000 | 2000 | 2020 | 2020 | 101 | 101 | 70-130 | 0 | 20 | |
| Arsenic | mg/L | ND | 2 | 2 | 2.0 | 2.0 | 100 | 102 | 70-130 | 2 | 20 | |
| Beryllium | ug/L | ND | 500 | 500 | 514 | 528 | 103 | 106 | 70-130 | 3 | 20 | |
| Cadmium | mg/L | ND | 1 | 1 | 1.0 | 1.0 | 101 | 103 | 70-130 | 2 | 20 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3182062 3182063

| Parameter | Units | 30665296006 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | mg/L | ND | 2 | 2 | 2.1 | 2.1 | 104 | 107 | 70-130 | 3 | 20 | |
| Copper | mg/L | 12.6 ug/L | 2 | 2 | 2.1 | 2.1 | 104 | 107 | 70-130 | 3 | 20 | |
| Lead | mg/L | 15.3 ug/L | 2 | 2 | 2.0 | 2.1 | 99 | 102 | 70-130 | 3 | 20 | |
| Nickel | mg/L | 6.6 ug/L | 2 | 2 | 2.0 | 2.0 | 99 | 102 | 70-130 | 3 | 20 | |
| Selenium | ug/L | ND | 2000 | 2000 | 1990 | 2050 | 100 | 102 | 70-130 | 3 | 20 | |
| Silver | mg/L | ND | 0.5 | 0.5 | 0.54 | 0.54 | 108 | 108 | 70-130 | 0 | 20 | |
| Thallium | ug/L | ND | 2000 | 2000 | 1960 | 2020 | 98 | 101 | 70-130 | 3 | 20 | |
| Zinc | mg/L | 125 ug/L | 2 | 2 | 2.1 | 2.1 | 97 | 100 | 70-130 | 3 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3182064 3182065

| Parameter | Units | 30665178003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 2000 | 2000 | 2030 | 2010 | 101 | 101 | 70-130 | 1 | 20 | |
| Arsenic | mg/L | ND | 2 | 2 | 2.0 | 2.0 | 101 | 99 | 70-130 | 1 | 20 | |
| Beryllium | ug/L | ND | 500 | 500 | 520 | 512 | 104 | 102 | 70-130 | 2 | 20 | |
| Cadmium | mg/L | ND | 1 | 1 | 1.0 | 1.0 | 103 | 101 | 70-130 | 1 | 20 | |
| Chromium | mg/L | 901 ug/L | 2 | 2 | 3.0 | 3.0 | 105 | 103 | 70-130 | 1 | 20 | |
| Copper | mg/L | 61.6 ug/L | 2 | 2 | 2.2 | 2.1 | 106 | 104 | 70-130 | 2 | 20 | |
| Lead | mg/L | ND | 2 | 2 | 2.0 | 2.0 | 102 | 100 | 70-130 | 2 | 20 | |
| Nickel | mg/L | 1000 ug/L | 2 | 2 | 3.0 | 3.0 | 101 | 99 | 70-130 | 1 | 20 | |
| Selenium | ug/L | ND | 2000 | 2000 | 2020 | 1980 | 101 | 99 | 70-130 | 2 | 20 | |
| Silver | mg/L | ND | 0.5 | 0.5 | 0.54 | 0.54 | 108 | 107 | 70-130 | 0 | 20 | |
| Thallium | ug/L | ND | 2000 | 2000 | 2010 | 1970 | 100 | 99 | 70-130 | 2 | 20 | |
| Zinc | mg/L | ND | 2 | 2 | 2.0 | 2.0 | 100 | 98 | 70-130 | 2 | 20 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 652543
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: BVR 245.1 Mercury
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30664903001

METHOD BLANK: 3178885 Matrix: Water
Associated Lab Samples: 30664903001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 0.20 | 0.17 | 03/04/24 13:51 | |

LABORATORY CONTROL SAMPLE: 3178886

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | 10 | 10.4 | 104 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3178887 3178888

| Parameter | Units | 30664726003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 10 | 10 | 10.7 | 10.6 | 107 | 106 | 70-130 | 1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3178889 3178890

| Parameter | Units | 30665239001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | <0.00017 mg/L | 10 | 10 | 10.5 | 10.3 | 105 | 103 | 70-130 | 1 | 20 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 654550
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: BVR 1664 SGT-HEM, TPH
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30664903002

METHOD BLANK: 3188678 Matrix: Water
Associated Lab Samples: 30664903002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Non-polar Material | mg/L | ND | 5.0 | 2.2 | 03/12/24 15:13 | N2 |

LABORATORY CONTROL SAMPLE & LCSD: 3188679 3188680

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Non-polar Material | mg/L | 40 | 34.1 | 33.4 | 85 | 84 | 64-132 | 2 | 34 | N2 |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 652960
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: BVR 2540C Total Dissol. Solids
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30664903001

METHOD BLANK: 3181178 Matrix: Water
Associated Lab Samples: 30664903001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | ND | 10.0 | 5.0 | 03/05/24 22:19 | |

LABORATORY CONTROL SAMPLE: 3181179

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 50 | 54.0 | 108 | 80-118 | |

SAMPLE DUPLICATE: 3181180

| Parameter | Units | 30664903001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 286 | 286 | 0 | 10 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 653505
QC Batch Method: EPA 335.4, Rev 1.0
Analysis Method: EPA 335.4, Rev 1.0
Analysis Description: 335.4 BVR Cyanide, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30664903002

METHOD BLANK: 3184283 Matrix: Water
Associated Lab Samples: 30664903002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide | mg/L | ND | 0.020 | 0.0050 | 03/08/24 15:31 | |

LABORATORY CONTROL SAMPLE: 3184284

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide | mg/L | 0.2 | 0.18 | 91 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3184285 3184286

| Parameter | Units | 30664903002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/L | ND | 0.2 | 0.2 | 0.17 | 0.19 | 82 | 94 | 90-110 | 13 | 20 | M1 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3184287 3184288

| Parameter | Units | 30665537001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/L | 0.0083J | 0.2 | 0.2 | 0.19 | 0.18 | 89 | 84 | 90-110 | 6 | 20 | M1 |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 652564
QC Batch Method: EPA 351.2, Rev 2.0
Analysis Method: EPA 351.2, Rev 2.0
Analysis Description: BVR 351.2 Total Kjeldahl Nitrogen
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30664903001

METHOD BLANK: 3178958 Matrix: Water
Associated Lab Samples: 30664903001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | ND | 0.50 | 0.32 | 03/04/24 18:46 | |

LABORATORY CONTROL SAMPLE: 3178959

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 2 | 1.9 | 96 | 90-110 | |

MATRIX SPIKE SAMPLE: 3178960

| Parameter | Units | 30664301001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | <0.32 | 2 | 2.1 | 100 | 90-110 | |

MATRIX SPIKE SAMPLE: 3178962

| Parameter | Units | 30665033001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | <0.32 | 2 | 2.0 | 94 | 90-110 | |

SAMPLE DUPLICATE: 3178961

| Parameter | Units | 30664301001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | <0.32 | ND | | 20 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 653969
QC Batch Method: EPA 420.1
Analysis Method: EPA 420.1
Analysis Description: BVR 420.1 Phenolics
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30664903002

METHOD BLANK: 3186697 Matrix: Water
Associated Lab Samples: 30664903002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | ND | 0.010 | 0.0050 | 03/11/24 06:44 | |

LABORATORY CONTROL SAMPLE: 3186698

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | 0.1 | 0.093 | 93 | 72-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3186707 3186708

| Parameter | Units | 30664904001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | 0.0082J | 0.1 | 0.1 | 0.086 | 0.088 | 78 | 80 | 65-123 | 2 | 22 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3186709 3186710

| Parameter | Units | 30664904018 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | 0.0055J | 0.1 | 0.1 | 0.090 | 0.087 | 85 | 82 | 65-123 | 3 | 22 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 653121
QC Batch Method: EPA 624.1 Dec 2016
Analysis Method: EPA 624.1 Dec 2016
Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30664903002, 30664903003

METHOD BLANK: 3182144 Matrix: Water
Associated Lab Samples: 30664903002, 30664903003

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ug/L | ND | 1.0 | 0.43 | 03/06/24 13:04 | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 1.0 | 0.24 | 03/06/24 13:04 | |
| 1,1,2-Trichloroethane | ug/L | ND | 1.0 | 0.46 | 03/06/24 13:04 | |
| 1,1-Dichloroethane | ug/L | ND | 1.0 | 0.26 | 03/06/24 13:04 | |
| 1,1-Dichloroethene | ug/L | ND | 1.0 | 0.28 | 03/06/24 13:04 | |
| 1,2-Dichloroethane | ug/L | ND | 1.0 | 0.35 | 03/06/24 13:04 | |
| 1,2-Dichloropropane | ug/L | ND | 1.0 | 0.30 | 03/06/24 13:04 | |
| 2-Chloroethylvinyl ether | ug/L | ND | 2.0 | 0.34 | 03/06/24 13:04 | |
| Acrolein | ug/L | ND | 4.0 | 4.0 | 03/06/24 13:04 | |
| Acrylonitrile | ug/L | ND | 4.0 | 1.4 | 03/06/24 13:04 | |
| Benzene | ug/L | ND | 1.0 | 0.41 | 03/06/24 13:04 | |
| Bromodichloromethane | ug/L | ND | 1.0 | 0.39 | 03/06/24 13:04 | |
| Bromoform | ug/L | ND | 4.0 | 1.5 | 03/06/24 13:04 | |
| Bromomethane | ug/L | ND | 4.0 | 2.5 | 03/06/24 13:04 | |
| Carbon tetrachloride | ug/L | ND | 1.0 | 0.52 | 03/06/24 13:04 | |
| Chlorobenzene | ug/L | ND | 1.0 | 0.42 | 03/06/24 13:04 | |
| Chloroethane | ug/L | ND | 1.0 | 0.75 | 03/06/24 13:04 | |
| Chloroform | ug/L | ND | 4.0 | 1.2 | 03/06/24 13:04 | |
| Chloromethane | ug/L | 0.73J | 1.0 | 0.34 | 03/06/24 13:04 | |
| Dibromochloromethane | ug/L | ND | 1.0 | 0.42 | 03/06/24 13:04 | |
| Ethylbenzene | ug/L | ND | 1.0 | 0.31 | 03/06/24 13:04 | |
| Methylene Chloride | ug/L | ND | 1.0 | 0.75 | 03/06/24 13:04 | |
| Tetrachloroethene | ug/L | ND | 1.0 | 0.30 | 03/06/24 13:04 | |
| Toluene | ug/L | ND | 1.0 | 0.24 | 03/06/24 13:04 | |
| Total 1,3-Dichloropropene | ug/L | ND | 2.0 | 0.66 | 03/06/24 13:04 | N2 |
| trans-1,2-Dichloroethene | ug/L | ND | 1.0 | 0.33 | 03/06/24 13:04 | |
| Trichloroethene | ug/L | ND | 1.0 | 0.33 | 03/06/24 13:04 | |
| Vinyl chloride | ug/L | ND | 1.0 | 0.28 | 03/06/24 13:04 | |
| 1,2-Dichloroethane-d4 (S) | %. | 100 | 80-120 | | 03/06/24 13:04 | |
| 4-Bromofluorobenzene (S) | %. | 111 | 80-120 | | 03/06/24 13:04 | |
| Dibromofluoromethane (S) | %. | 91 | 74-125 | | 03/06/24 13:04 | |
| Toluene-d8 (S) | %. | 99 | 80-120 | | 03/06/24 13:04 | |

LABORATORY CONTROL SAMPLE: 3182145

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ug/L | 20 | 17.7 | 88 | 70-130 | |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 23.0 | 115 | 60-140 | |
| 1,1,2-Trichloroethane | ug/L | 20 | 20.5 | 102 | 70-130 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

LABORATORY CONTROL SAMPLE: 3182145

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | ug/L | 20 | 18.5 | 92 | 70-130 | |
| 1,1-Dichloroethene | ug/L | 20 | 12.3 | 61 | 50-150 | |
| 1,2-Dichloroethane | ug/L | 20 | 19.4 | 97 | 70-130 | |
| 1,2-Dichloropropane | ug/L | 20 | 17.9 | 89 | 35-165 | |
| 2-Chloroethylvinyl ether | ug/L | 20 | 21.4 | 107 | 10-225 | |
| Acrolein | ug/L | 20 | 18.2 | 91 | 60-140 | |
| Acrylonitrile | ug/L | 20 | 22.1 | 110 | 60-140 | |
| Benzene | ug/L | 20 | 17.8 | 89 | 65-135 | |
| Bromodichloromethane | ug/L | 20 | 18.0 | 90 | 65-135 | |
| Bromoform | ug/L | 20 | 17.4 | 87 | 70-130 | |
| Bromomethane | ug/L | 20 | 8.2 | 41 | 15-185 | |
| Carbon tetrachloride | ug/L | 20 | 13.4 | 67 | 70-130 | L2 |
| Chlorobenzene | ug/L | 20 | 21.0 | 105 | 65-135 | |
| Chloroethane | ug/L | 20 | 14.6 | 73 | 40-160 | |
| Chloroform | ug/L | 20 | 16.7 | 84 | 70-135 | |
| Chloromethane | ug/L | 20 | 24.2 | 121 | 10-205 | |
| Dibromochloromethane | ug/L | 20 | 17.7 | 89 | 70-135 | |
| Ethylbenzene | ug/L | 20 | 19.9 | 100 | 60-140 | |
| Methylene Chloride | ug/L | 20 | 19.6 | 98 | 60-140 | |
| Tetrachloroethene | ug/L | 20 | 19.6 | 98 | 70-130 | |
| Toluene | ug/L | 20 | 20.2 | 101 | 70-130 | |
| Total 1,3-Dichloropropene | ug/L | 40 | 36.0 | 90 | 69-125 | N2 |
| trans-1,2-Dichloroethene | ug/L | 20 | 13.9 | 69 | 70-130 | L2 |
| Trichloroethene | ug/L | 20 | 18.1 | 91 | 65-135 | |
| Vinyl chloride | ug/L | 20 | 17.5 | 87 | 5-195 | |
| 1,2-Dichloroethane-d4 (S) | %. | | | 99 | 80-120 | |
| 4-Bromofluorobenzene (S) | %. | | | 105 | 80-120 | |
| Dibromofluoromethane (S) | %. | | | 93 | 74-125 | |
| Toluene-d8 (S) | %. | | | 102 | 80-120 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3182464 3182465

| Parameter | Units | 30663599001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ug/L | ND | 20 | 20 | 21.6 | 21.3 | 108 | 106 | 52-162 | 1 | 36 | |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 20 | 20 | 29.9 | 27.6 | 150 | 138 | 46-157 | 8 | 61 | |
| 1,1,2-Trichloroethane | ug/L | ND | 20 | 20 | 23.4 | 24.0 | 117 | 120 | 52-150 | 3 | 45 | |
| 1,1-Dichloroethane | ug/L | ND | 20 | 20 | 23.7 | 20.2 | 117 | 100 | 59-155 | 16 | 40 | |
| 1,1-Dichloroethene | ug/L | ND | 20 | 20 | 15.6 | 17.0 | 78 | 85 | 10-234 | 9 | 32 | |
| 1,2-Dichloroethane | ug/L | ND | 20 | 20 | 23.0 | 23.2 | 113 | 114 | 49-155 | 1 | 49 | |
| 1,2-Dichloropropane | ug/L | ND | 20 | 20 | 22.5 | 21.8 | 112 | 109 | 10-210 | 3 | 55 | |
| 2-Chloroethylvinyl ether | ug/L | ND | 20 | 20 | ND | ND | 0 | 0 | 10-305 | | 71 | ML |
| Acrolein | ug/L | 11.3 | 20 | 20 | 30.6 | 24.0 | 96 | 64 | 40-160 | 24 | 60 | AC |
| Acrylonitrile | ug/L | ND | 20 | 20 | 27.9 | 26.4 | 139 | 132 | 40-160 | 6 | 60 | AC |
| Benzene | ug/L | 4.4 | 20 | 20 | 26.5 | 25.4 | 110 | 105 | 37-151 | 4 | 61 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3182464 3182465

| Parameter | Units | 30663599001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Bromodichloromethane | ug/L | ND | 20 | 20 | 21.3 | 21.7 | 106 | 108 | 35-155 | 2 | 56 | |
| Bromoform | ug/L | ND | 20 | 20 | 21.3 | 19.9 | 106 | 99 | 45-169 | 7 | 42 | |
| Bromomethane | ug/L | ND | 20 | 20 | 7.8 | 9.2 | 39 | 46 | 10-242 | 16 | 61 | |
| Carbon tetrachloride | ug/L | ND | 20 | 20 | 15.8 | 15.1 | 79 | 76 | 70-140 | 4 | 41 | |
| Chlorobenzene | ug/L | ND | 20 | 20 | 21.8 | 22.0 | 109 | 110 | 37-160 | 1 | 53 | |
| Chloroethane | ug/L | ND | 20 | 20 | 19.5 | 20.1 | 97 | 100 | 14-230 | 3 | 78 | |
| Chloroform | ug/L | ND | 20 | 20 | 21.0 | 20.1 | 102 | 97 | 51-138 | 4 | 54 | |
| Chloromethane | ug/L | 1.1 | 20 | 20 | 24.5 | 24.2 | 117 | 116 | 10-273 | 1 | 60 | |
| Dibromochloromethane | ug/L | ND | 20 | 20 | 19.8 | 20.7 | 99 | 103 | 53-149 | 4 | 50 | |
| Ethylbenzene | ug/L | 25.6 | 20 | 20 | 47.0 | 49.8 | 107 | 121 | 37-162 | 6 | 63 | |
| Methylene Chloride | ug/L | ND | 20 | 20 | 21.3 | 20.2 | 107 | 101 | 10-221 | 5 | 28 | |
| Tetrachloroethene | ug/L | ND | 20 | 20 | 16.5 | 16.7 | 82 | 83 | 64-148 | 1 | 39 | |
| Toluene | ug/L | 6.4 | 20 | 20 | 28.0 | 28.8 | 108 | 112 | 47-150 | 3 | 41 | |
| Total 1,3-Dichloropropene | ug/L | ND | 40 | 40 | 42.0 | 41.7 | 105 | 104 | 49-120 | 1 | 30 | N2 |
| trans-1,2-Dichloroethene | ug/L | ND | 20 | 20 | 17.1 | 15.6 | 85 | 78 | 54-156 | 9 | 45 | |
| Trichloroethene | ug/L | ND | 20 | 20 | 19.1 | 18.2 | 95 | 90 | 70-157 | 5 | 48 | |
| Vinyl chloride | ug/L | ND | 20 | 20 | 20.6 | 21.2 | 103 | 106 | 10-251 | 2 | 66 | |
| 1,2-Dichloroethane-d4 (S) | %. | | | | | | 107 | 103 | 80-120 | | | |
| 4-Bromofluorobenzene (S) | %. | | | | | | 100 | 100 | 80-120 | | | |
| Dibromofluoromethane (S) | %. | | | | | | 90 | 93 | 74-125 | | | |
| Toluene-d8 (S) | %. | | | | | | 101 | 104 | 80-120 | | | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 652651
QC Batch Method: EPA 625.1 Dec 2016
Analysis Method: EPA 625.1 Dec 2016
Analysis Description: 625.1 MSSV RV
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30664903001

METHOD BLANK: 3179239 Matrix: Water
Associated Lab Samples: 30664903001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | ND | 1.0 | 0.59 | 03/05/24 14:47 | |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 0.60 | 03/05/24 14:47 | |
| 1,2-Diphenylhydrazine | ug/L | ND | 1.0 | 0.65 | 03/05/24 14:47 | |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 0.56 | 03/05/24 14:47 | |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 0.56 | 03/05/24 14:47 | |
| 2,4,6-Trichlorophenol | ug/L | ND | 1.0 | 0.59 | 03/05/24 14:47 | |
| 2,4-Dichlorophenol | ug/L | ND | 1.0 | 0.61 | 03/05/24 14:47 | |
| 2,4-Dimethylphenol | ug/L | ND | 1.0 | 0.64 | 03/05/24 14:47 | |
| 2,4-Dinitrophenol | ug/L | ND | 2.5 | 2.4 | 03/05/24 14:47 | |
| 2,4-Dinitrotoluene | ug/L | ND | 1.0 | 0.46 | 03/05/24 14:47 | |
| 2,6-Dinitrotoluene | ug/L | ND | 1.0 | 0.55 | 03/05/24 14:47 | |
| 2-Chloronaphthalene | ug/L | ND | 1.0 | 0.66 | 03/05/24 14:47 | |
| 2-Chlorophenol | ug/L | ND | 1.0 | 0.59 | 03/05/24 14:47 | |
| 2-Nitrophenol | ug/L | ND | 1.0 | 0.67 | 03/05/24 14:47 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | ND | 2.0 | 0.89 | 03/05/24 14:47 | |
| 3,3'-Dichlorobenzidine | ug/L | ND | 1.0 | 0.81 | 03/05/24 14:47 | |
| 4,6-Dinitro-2-methylphenol | ug/L | ND | 2.5 | 1.7 | 03/05/24 14:47 | |
| 4-Bromophenylphenyl ether | ug/L | ND | 1.0 | 0.68 | 03/05/24 14:47 | |
| 4-Chlorophenylphenyl ether | ug/L | ND | 1.0 | 0.60 | 03/05/24 14:47 | |
| 4-Nitrophenol | ug/L | ND | 1.0 | 0.35 | 03/05/24 14:47 | |
| Acenaphthene | ug/L | ND | 1.0 | 0.60 | 03/05/24 14:47 | |
| Acenaphthylene | ug/L | ND | 1.0 | 0.64 | 03/05/24 14:47 | |
| Anthracene | ug/L | ND | 1.0 | 0.66 | 03/05/24 14:47 | |
| Benzidine | ug/L | ND | 15.0 | 4.4 | 03/05/24 14:47 | CH |
| Benzo(a)anthracene | ug/L | ND | 1.0 | 0.77 | 03/05/24 14:47 | |
| Benzo(a)pyrene | ug/L | ND | 1.0 | 0.76 | 03/05/24 14:47 | |
| Benzo(b)fluoranthene | ug/L | ND | 1.0 | 0.75 | 03/05/24 14:47 | |
| Benzo(g,h,i)perylene | ug/L | ND | 1.0 | 0.80 | 03/05/24 14:47 | |
| Benzo(k)fluoranthene | ug/L | ND | 1.0 | 0.72 | 03/05/24 14:47 | |
| bis(2-Chloroethoxy)methane | ug/L | ND | 1.0 | 0.58 | 03/05/24 14:47 | |
| bis(2-Chloroethyl) ether | ug/L | ND | 1.0 | 0.53 | 03/05/24 14:47 | |
| bis(2-Chloroisopropyl) ether | ug/L | ND | 1.0 | 0.62 | 03/05/24 14:47 | |
| bis(2-Ethylhexyl)phthalate | ug/L | ND | 2.5 | 1.5 | 03/05/24 14:47 | |
| Butylbenzylphthalate | ug/L | ND | 2.5 | 0.71 | 03/05/24 14:47 | |
| Chrysene | ug/L | ND | 1.0 | 0.80 | 03/05/24 14:47 | |
| Di-n-butylphthalate | ug/L | ND | 1.0 | 0.80 | 03/05/24 14:47 | |
| Di-n-octylphthalate | ug/L | ND | 2.5 | 1.1 | 03/05/24 14:47 | |
| Dibenz(a,h)anthracene | ug/L | ND | 1.0 | 0.76 | 03/05/24 14:47 | |
| Diethylphthalate | ug/L | ND | 1.0 | 0.64 | 03/05/24 14:47 | |
| Dimethylphthalate | ug/L | ND | 1.0 | 0.64 | 03/05/24 14:47 | |

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(304)241-5861

## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

METHOD BLANK: 3179239 Matrix: Water
Associated Lab Samples: 30664903001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Fluoranthene | ug/L | ND | 1.0 | 0.71 | 03/05/24 14:47 | |
| Fluorene | ug/L | ND | 1.0 | 0.61 | 03/05/24 14:47 | |
| Hexachloro-1,3-butadiene | ug/L | ND | 1.0 | 0.60 | 03/05/24 14:47 | |
| Hexachlorobenzene | ug/L | ND | 1.0 | 0.68 | 03/05/24 14:47 | |
| Hexachlorocyclopentadiene | ug/L | ND | 1.0 | 0.57 | 03/05/24 14:47 | CH |
| Hexachloroethane | ug/L | ND | 1.0 | 0.57 | 03/05/24 14:47 | |
| Indeno(1,2,3-cd)pyrene | ug/L | ND | 1.0 | 0.70 | 03/05/24 14:47 | |
| Isophorone | ug/L | ND | 1.0 | 0.60 | 03/05/24 14:47 | |
| N-Nitroso-di-n-propylamine | ug/L | ND | 1.0 | 0.58 | 03/05/24 14:47 | |
| N-Nitrosodimethylamine | ug/L | ND | 1.0 | 0.34 | 03/05/24 14:47 | |
| N-Nitrosodiphenylamine | ug/L | ND | 1.0 | 0.68 | 03/05/24 14:47 | |
| Naphthalene | ug/L | ND | 2.5 | 0.67 | 03/05/24 14:47 | |
| Nitrobenzene | ug/L | ND | 1.0 | 0.59 | 03/05/24 14:47 | |
| Pentachlorophenol | ug/L | ND | 2.5 | 1.5 | 03/05/24 14:47 | |
| Phenanthrene | ug/L | ND | 1.0 | 0.66 | 03/05/24 14:47 | |
| Phenol | ug/L | ND | 1.0 | 0.25 | 03/05/24 14:47 | |
| Pyrene | ug/L | ND | 1.0 | 0.76 | 03/05/24 14:47 | |
| 2,4,6-Tribromophenol (S) | %. | 78 | 10-166 | | 03/05/24 14:47 | |
| 2-Fluorobiphenyl (S) | %. | 86 | 20-133 | | 03/05/24 14:47 | |
| 2-Fluorophenol (S) | %. | 53 | 10-95 | | 03/05/24 14:47 | |
| Nitrobenzene-d5 (S) | %. | 75 | 10-175 | | 03/05/24 14:47 | |
| Phenol-d6 (S) | %. | 36 | 10-63 | | 03/05/24 14:47 | |
| Terphenyl-d14 (S) | %. | 92 | 30-148 | | 03/05/24 14:47 | |

LABORATORY CONTROL SAMPLE: 3179240

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | 10 | 7.6 | 76 | 57-130 | |
| 1,2-Dichlorobenzene | ug/L | 10 | 7.2 | 72 | 64-105 | |
| 1,2-Diphenylhydrazine | ug/L | 10 | 8.5 | 85 | 73-117 | |
| 1,3-Dichlorobenzene | ug/L | 10 | 7.4 | 74 | 62-102 | |
| 1,4-Dichlorobenzene | ug/L | 10 | 7.1 | 71 | 63-103 | |
| 2,4,6-Trichlorophenol | ug/L | 10 | 8.5 | 85 | 52-129 | |
| 2,4-Dichlorophenol | ug/L | 10 | 8.1 | 81 | 53-122 | |
| 2,4-Dimethylphenol | ug/L | 10 | 8.6 | 86 | 42-120 | |
| 2,4-Dinitrophenol | ug/L | 10 | 8.8 | 88 | 10-173 | |
| 2,4-Dinitrotoluene | ug/L | 10 | 8.3 | 83 | 48-127 | |
| 2,6-Dinitrotoluene | ug/L | 10 | 8.1 | 81 | 68-137 | |
| 2-Chloronaphthalene | ug/L | 10 | 8.5 | 85 | 65-120 | |
| 2-Chlorophenol | ug/L | 10 | 7.7 | 77 | 36-120 | |
| 2-Nitrophenol | ug/L | 10 | 7.8 | 78 | 45-167 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 20 | 13.4 | 67 | 53-100 | |
| 3,3'-Dichlorobenzidine | ug/L | 10 | 9.2 | 92 | 8-213 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 10 | 9.9 | 99 | 53-130 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

LABORATORY CONTROL SAMPLE: 3179240

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 4-Bromophenylphenyl ether | ug/L | 10 | 8.6 | 86 | 65-120 | |
| 4-Chlorophenylphenyl ether | ug/L | 10 | 8.5 | 85 | 38-145 | |
| 4-Nitrophenol | ug/L | 10 | 4.6 | 46 | 13-129 | |
| Acenaphthene | ug/L | 10 | 8.5 | 85 | 60-132 | |
| Acenaphthylene | ug/L | 10 | 8.5 | 85 | 54-126 | |
| Anthracene | ug/L | 10 | 9.0 | 90 | 43-120 | |
| Benzidine | ug/L | 10 | ND | 0 | 10-20 | CH,L2 |
| Benzo(a)anthracene | ug/L | 10 | 9.4 | 94 | 42-133 | |
| Benzo(a)pyrene | ug/L | 10 | 9.8 | 98 | 32-148 | |
| Benzo(b)fluoranthene | ug/L | 10 | 8.2 | 82 | 42-140 | |
| Benzo(g,h,i)perylene | ug/L | 10 | 9.9 | 99 | 10-195 | |
| Benzo(k)fluoranthene | ug/L | 10 | 10.2 | 102 | 25-146 | |
| bis(2-Chloroethoxy)methane | ug/L | 10 | 8.2 | 82 | 49-165 | |
| bis(2-Chloroethyl) ether | ug/L | 10 | 7.6 | 76 | 43-126 | |
| bis(2-Chloroisopropyl) ether | ug/L | 10 | 7.6 | 76 | 63-139 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 10 | 9.4 | 94 | 29-137 | |
| Butylbenzylphthalate | ug/L | 10 | 10.5 | 105 | 10-140 | |
| Chrysene | ug/L | 10 | 9.8 | 98 | 44-140 | |
| Di-n-butylphthalate | ug/L | 10 | 9.7 | 97 | 8-120 | |
| Di-n-octylphthalate | ug/L | 10 | 9.1 | 91 | 19-132 | |
| Dibenz(a,h)anthracene | ug/L | 10 | 10.1 | 101 | 10-200 | |
| Diethylphthalate | ug/L | 10 | 8.8 | 88 | 10-120 | |
| Dimethylphthalate | ug/L | 10 | 9.0 | 90 | 10-120 | |
| Fluoranthene | ug/L | 10 | 9.7 | 97 | 43-121 | |
| Fluorene | ug/L | 10 | 8.3 | 83 | 70-120 | |
| Hexachloro-1,3-butadiene | ug/L | 10 | 7.8 | 78 | 38-120 | |
| Hexachlorobenzene | ug/L | 10 | 8.6 | 86 | 8-142 | |
| Hexachlorocyclopentadiene | ug/L | 10 | 10.8 | 108 | 55-128 | CH |
| Hexachloroethane | ug/L | 10 | 7.5 | 75 | 55-120 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 10 | 9.7 | 97 | 10-151 | |
| Isophorone | ug/L | 10 | 8.2 | 82 | 47-180 | |
| N-Nitroso-di-n-propylamine | ug/L | 10 | 7.8 | 78 | 14-198 | |
| N-Nitrosodimethylamine | ug/L | 10 | 5.1 | 51 | 35-71 | |
| N-Nitrosodiphenylamine | ug/L | 10 | 8.6 | 86 | 74-111 | |
| Naphthalene | ug/L | 10 | 7.5 | 75 | 36-120 | |
| Nitrobenzene | ug/L | 10 | 7.6 | 76 | 54-158 | |
| Pentachlorophenol | ug/L | 10 | 7.8 | 78 | 38-152 | |
| Phenanthrene | ug/L | 10 | 8.8 | 88 | 65-120 | |
| Phenol | ug/L | 10 | 3.3 | 33 | 17-120 | |
| Pyrene | ug/L | 10 | 8.7 | 87 | 70-120 | |
| 2,4,6-Tribromophenol (S) | %. | | | 98 | 10-166 | |
| 2-Fluorobiphenyl (S) | %. | | | 86 | 20-133 | |
| 2-Fluorophenol (S) | %. | | | 47 | 10-95 | |
| Nitrobenzene-d5 (S) | %. | | | 79 | 10-175 | |
| Phenol-d6 (S) | %. | | | 35 | 10-63 | |
| Terphenyl-d14 (S) | %. | | | 89 | 30-148 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3179241 3179242

| Parameter | Units | 30664883001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | <5.8 | 9.9 | 11.5 | 7.5J | 8.8J | 75 | 76 | 44-142 | | 50 | |
| 1,2-Dichlorobenzene | ug/L | <5.9 | 9.9 | 11.5 | 7.1J | 8.3J | 72 | 72 | 40-97 | | 25 | |
| 1,2-Diphenylhydrazine | ug/L | <6.4 | 9.9 | 11.5 | 9.2J | 11.6 | 93 | 101 | 55-114 | | 25 | |
| 1,3-Dichlorobenzene | ug/L | <5.5 | 9.9 | 11.5 | 6.2J | 8.3J | 63 | 73 | 38-96 | | 25 | |
| 1,4-Dichlorobenzene | ug/L | <5.5 | 9.9 | 11.5 | 6.6J | 8.3J | 66 | 72 | 38-97 | | 25 | |
| 2,4,6-Trichlorophenol | ug/L | <5.8 | 9.9 | 11.5 | 11.2 | 14.0 | 113 | 122 | 37-144 | 22 | 58 | |
| 2,4-Dichlorophenol | ug/L | <6.0 | 9.9 | 11.5 | 10.6 | 14.2 | 107 | 124 | 39-135 | 29 | 50 | |
| 2,4-Dimethylphenol | ug/L | <6.3 | 9.9 | 11.5 | 13.0 | 15.3 | 131 | 133 | 32-120 | 16 | 58 | MH |
| 2,4-Dinitrophenol | ug/L | <23.4 | 9.9 | 11.5 | ND | 34.4 | 0 | 299 | 10-191 | | 132 | MH,ML |
| 2,4-Dinitrotoluene | ug/L | <4.6 | 9.9 | 11.5 | 14.2 | 21.8 | 143 | 190 | 39-139 | 43 | 42 | MH,R1 |
| 2,6-Dinitrotoluene | ug/L | 12.0 | 9.9 | 11.5 | 21.3 | 30.5 | 94 | 161 | 50-158 | 36 | 48 | MH |
| 2-Chloronaphthalene | ug/L | <6.5 | 9.9 | 11.5 | 9.7J | 11.1J | 98 | 96 | 60-120 | | 24 | |
| 2-Chlorophenol | ug/L | <5.7 | 9.9 | 11.5 | 8.8J | 11.7 | 89 | 102 | 23-134 | | 61 | |
| 2-Nitrophenol | ug/L | <6.6 | 9.9 | 11.5 | 8.6J | 11.6 | 87 | 101 | 29-182 | | 55 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 22.8 | 19.8 | 23 | 40.5 | 46.6 | 90 | 104 | 18-110 | 14 | 25 | |
| 3,3'-Dichlorobenzidine | ug/L | <7.9 | 9.9 | 11.5 | ND | ND | 0 | 0 | 10-262 | | 108 | ML |
| 4,6-Dinitro-2-methylphenol | ug/L | <17.1 | 9.9 | 11.5 | 25.1 | 30.0 | 253 | 261 | 10-181 | 18 | 203 | MH |
| 4-Bromophenylphenyl ether | ug/L | <6.6 | 9.9 | 11.5 | 9.8J | 10.9J | 99 | 95 | 53-127 | | 43 | |
| 4-Chlorophenylphenyl ether | ug/L | <5.9 | 9.9 | 11.5 | 9.0J | 12.5 | 91 | 109 | 25-158 | | 61 | |
| 4-Nitrophenol | ug/L | <3.5 | 9.9 | 11.5 | 22.8 | 21.0 | 230 | 183 | 10-132 | 8 | 131 | MH |
| Acenaphthene | ug/L | <5.9 | 9.9 | 11.5 | 8.1J | 11.6 | 82 | 101 | 47-145 | | 48 | |
| Acenaphthylene | ug/L | <6.2 | 9.9 | 11.5 | 9.2J | 11.8 | 93 | 103 | 33-145 | | 74 | |
| Anthracene | ug/L | <6.4 | 9.9 | 11.5 | 10.1 | 12.9 | 102 | 112 | 27-133 | 25 | 66 | |
| Benzidine | ug/L | <43.3 | 9.9 | 11.5 | ND | ND | 0 | 0 | 10-175 | | 25 | CH,ML |
| Benzo(a)anthracene | ug/L | <7.5 | 9.9 | 11.5 | 10.5 | 14.0 | 106 | 122 | 33-143 | 28 | 53 | |
| Benzo(a)pyrene | ug/L | <7.4 | 9.9 | 11.5 | 10.1 | 12.4 | 102 | 108 | 17-163 | 20 | 72 | |
| Benzo(b)fluoranthene | ug/L | <7.3 | 9.9 | 11.5 | 9.4J | 12.2 | 95 | 106 | 24-159 | | 71 | |
| Benzo(g,h,i)perylene | ug/L | <7.8 | 9.9 | 11.5 | 9.2J | 11.6 | 93 | 101 | 10-219 | | 97 | |
| Benzo(k)fluoranthene | ug/L | <7.0 | 9.9 | 11.5 | 8.1J | 11.5 | 82 | 100 | 11-162 | | 63 | |
| bis(2-Chloroethoxy)methane | ug/L | <5.7 | 9.9 | 11.5 | 9.9 | 11.5J | 100 | 100 | 33-184 | | 54 | |
| bis(2-Chloroethyl) ether | ug/L | <5.2 | 9.9 | 11.5 | 7.6J | 9.2J | 77 | 80 | 12-158 | | 108 | |
| bis(2-Chloroisopropyl) ether | ug/L | <6.1 | 9.9 | 11.5 | 9.1J | 10.7J | 92 | 93 | 36-166 | | 76 | |
| bis(2-Ethylhexyl)phthalate | ug/L | <14.4 | 9.9 | 11.5 | 25.2 | 29.9 | 255 | 260 | 8-158 | 17 | 82 | MH |
| Butylbenzylphthalate | ug/L | <7.0 | 9.9 | 11.5 | 15.2J | 21.2J | 154 | 184 | 10-152 | | 60 | MH |
| Chrysene | ug/L | <7.8 | 9.9 | 11.5 | 10.2 | 13.2 | 103 | 115 | 17-168 | 26 | 87 | |
| Di-n-butylphthalate | ug/L | <7.9 | 9.9 | 11.5 | 11.1 | 15.2 | 112 | 132 | 1-120 | 31 | 47 | MH |
| Di-n-octylphthalate | ug/L | <10.8 | 9.9 | 11.5 | 24.1J | 31.0 | 244 | 270 | 4-146 | | 69 | MH |
| Dibenz(a,h)anthracene | ug/L | <7.4 | 9.9 | 11.5 | 8.1J | 10.9J | 82 | 95 | 10-227 | | 126 | |
| Diethylphthalate | ug/L | <6.2 | 9.9 | 11.5 | 12.6 | 17.2 | 97 | 123 | 10-120 | 31 | 100 | MH |
| Dimethylphthalate | ug/L | <6.2 | 9.9 | 11.5 | 12.5 | 16.1 | 100 | 116 | 10-120 | 25 | 183 | |
| Fluoranthene | ug/L | <6.9 | 9.9 | 11.5 | 11.1 | 13.6 | 112 | 119 | 26-137 | 20 | 66 | |
| Fluorene | ug/L | <6.0 | 9.9 | 11.5 | 9.5J | 12.4 | 87 | 101 | 59-121 | | 38 | |
| Hexachloro-1,3-butadiene | ug/L | <5.8 | 9.9 | 11.5 | 6.4J | 9.1J | 65 | 79 | 24-120 | | 62 | |
| Hexachlorobenzene | ug/L | <6.6 | 9.9 | 11.5 | 9.4J | 11.8 | 95 | 103 | 10-152 | | 55 | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3179241 3179242

| Parameter | Units | 30664883001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ug/L | <5.6 | 9.9 | 11.5 | 8.1J | 10.7J | 82 | 93 | 10-124 | | 25 | CH |
| Hexachloroethane | ug/L | <5.6 | 9.9 | 11.5 | 7.9J | 8.9J | 80 | 77 | 40-120 | | 52 | |
| Indeno(1,2,3-cd)pyrene | ug/L | <6.8 | 9.9 | 11.5 | 8.9J | 11.1J | 90 | 96 | 10-171 | | 99 | |
| Isophorone | ug/L | <5.9 | 9.9 | 11.5 | 9.9 | 11.6 | 100 | 101 | 21-196 | 16 | 93 | |
| N-Nitroso-di-n-propylamine | ug/L | <5.7 | 9.9 | 11.5 | 11.1 | 14.0 | 112 | 122 | 10-230 | 23 | 87 | |
| N-Nitrosodimethylamine | ug/L | <3.3 | 9.9 | 11.5 | 5.7J | 7.2J | 57 | 63 | 10-83 | | 25 | |
| N-Nitrosodiphenylamine | ug/L | <6.7 | 9.9 | 11.5 | 12.8 | 13.6 | 105 | 97 | 10-175 | 6 | 25 | |
| Naphthalene | ug/L | <6.5 | 9.9 | 11.5 | 8.2J | 9.9J | 83 | 86 | 21-133 | | 65 | |
| Nitrobenzene | ug/L | <5.8 | 9.9 | 11.5 | 7.5J | 10.3J | 76 | 90 | 35-180 | | 62 | |
| Pentachlorophenol | ug/L | <14.9 | 9.9 | 11.5 | ND | ND | 131 | 142 | 14-176 | | 86 | |
| Phenanthrene | ug/L | <6.5 | 9.9 | 11.5 | 10.6 | 12.6 | 108 | 110 | 54-120 | 17 | 39 | |
| Phenol | ug/L | 69.7 | 9.9 | 11.5 | 78.6 | 84.9 | 89 | 132 | 5-120 | 8 | 64 | MH |
| Pyrene | ug/L | <7.4 | 9.9 | 11.5 | 10.1 | 13.6 | 102 | 118 | 52-120 | 30 | 49 | |
| 2,4,6-Tribromophenol (S) | %. | | | | | | 130 | 117 | 10-166 | | | |
| 2-Fluorobiphenyl (S) | %. | | | | | | 91 | 85 | 20-133 | | | |
| 2-Fluorophenol (S) | %. | | | | | | 71 | 59 | 10-95 | | | |
| Nitrobenzene-d5 (S) | %. | | | | | | 89 | 92 | 10-175 | | | |
| Phenol-d6 (S) | %. | | | | | | 43 | 51 | 10-63 | | | |
| Terphenyl-d14 (S) | %. | | | | | | 109 | 113 | 30-148 | | | |

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## QUALITY CONTROL DATA

Project: Permit Renewal
Pace Project No.: 30664903

QC Batch: 653915
QC Batch Method: SM 4500PB-2011
Analysis Method: SM 4500PE-2011
Analysis Description: 4500PB5E W 2 Phosphorus
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30664903001

METHOD BLANK: 3186284 Matrix: Water
Associated Lab Samples: 30664903001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus | mg/L | ND | 0.030 | 0.014 | 03/12/24 13:54 | |

LABORATORY CONTROL SAMPLE: 3186285

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus | mg/L | 0.4 | 0.37 | 93 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3186286 3186287

| Parameter | Units | 30666147003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phosphorus | mg/L | 0.014J | 0.4 | 0.4 | 0.40 | 0.40 | 96 | 97 | 90-110 | 0 | 20 | |

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# QUALIFIERS

Project: Permit Renewal
Pace Project No.: 30664903

## DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

## ANALYTE QUALIFIERS

| | |
|---|---|
| 1c | Analysis of acrylonitrile was performed from an unpreserved sample outside of the 3 day holding time required by the test method and for NPDES compliance per 40CFRPart 136 for unpreserved samples. |
| AC | Analysis of acrolein and/or acrylonitrile was performed from a sample that was field preserved to pH < 2, which is less than the pH range of 4-5 specified in the test method and required for NPDES compliance per 40CFR Part 136. |
| Ac | Analysis of acrolein was performed from an unpreserved sample outside of the 3 day holding time required by the test method and for NPDES compliance per 40CFRPart 136 for unpreserved samples. |
| CH | The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high. |
| L2 | Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| MH | Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high. |
| ML | Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| R1 | RPD value was outside control limits. |



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**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Permit Renewal
Pace Project No.: 30664903

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| **30664903001** | **Comp** | EPA 200.2 | 653097 | EPA 200.7 | 653569 |
| **30664903001** | **Comp** | EPA 245.1 | 652543 | EPA 245.1 | 652625 |
| **30664903002** | **Grab** | EPA 1664A | 654550 | | |
| **30664903001** | **Comp** | SM 2540C-2015 | 652960 | | |
| **30664903002** | **Grab** | EPA 335.4, Rev 1.0 | 653505 | EPA 335.4, Rev 1.0 | 654480 |
| **30664903001** | **Comp** | EPA 351.2, Rev 2.0 | 652564 | EPA 351.2, Rev 2.0 | 652694 |
| **30664903002** | **Grab** | EPA 420.1 | 653969 | EPA 420.1 | 653991 |
| **30664903001** | **Comp** | EPA 625.1 Dec 2016 | 652651 | EPA 625.1 Dec 2016 | 652698 |
| **30664903002** | **Grab** | EPA 624.1 Dec 2016 | 653121 | | |
| **30664903003** | **Trip Blank** | EPA 624.1 Dec 2016 | 653121 | | |
| **30664903001** | **Comp** | SM 4500PB-2011 | 653915 | SM 4500PE-2011 | 654242 |



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Pace® Location Requested (City/State):
Pace Analytical Beaver
225 Industrial Park Drive, Beaver, WV 25813

# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

**WO# : 30664903**

30664903

| | | | |
|---|---|---|---|
| Company Name: | City of Clarksburg WWTP | Contact/Report To: | Kelly Lanza |
| Street Address: | Municipal Building, Clarksburg, WV 26301 | Phone #: | |
| | | E-Mail: | klanza@cityofclarksburgwv.com |
| | | Cc E-Mail: | daddy@City of clarksburgwv.com |
| Customer Project #: | | | |
| Project Name: | PERMIT RENEWAL | Invoice To: | Kelly Lanza |
| | | Invoice E-Mail: | klanza@cityofclarksburgwv.com |
| Site Collection Info/Facility ID (as applicable): | | Purchase Order # (If applicable): | 73-100483 |
| | | Quote #: | |
| Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [X] ET | | County / State origin of sample(s): | West Virginia |

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Composite Start Date | Composite Start Time | Collected or Composite End Date | Collected or Composite End Time | # Cont. | Res. Chlorine Results | Res. Chlorine Units | 335.4 BVR Cyanide, Total | 624.1 Volatile Organics | 625.1 Reduced Volume | BVR 1664 SGT-HEM, TPH | BVR 200.7 Metals Total; BVR 245.1 Mercury | BVR 2540C Total Dissol. Solids | BVR 351.2 Total Kjeldahl Nitro; BVR 4500PB Total P | BVR Phenolic Total Recoverable | | | Sample Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COMP | WT | | 2.28/~~2.29~~ | 7AM/~~7AM~~ | 2.29.24 | 7AM | | | | | | X | | X | X | X | | | | 001 |
| GRAB | WT | | 2.29.24 | 7AM | | | | | | X | X | | X | | | | X | | | 002 |

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Heather Godbey

AcctNum / Client ID:

Table #:

Profile / Template: 21100

Prelog / Bottle Ord. ID: EZ 3057997

Preservation non-conformance identified for sample.

Received by Pace Beaver
Therm ID 25 Corr Factor +/- 1.0
Receipt Temp 3.0
Corrected Temp 3.0
Correct Preservation Y / N

Additional Instructions from Pace®:

Collected By: (Printed Name) Chad Mace

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

| # Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice: |
|---|---|---|---|---|---|
| 1 | 19 | +0.0 | 3.4 | 3.4 | Y |

| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
|---|---|---|---|
| | 2.29.24/ 11:19AM | | 2.29.24 11:19 |
| | 2.29.24 1600 | | 2/29/24 1500 |
| Pace | 2/29/24 16:30 | | 2.29.24 1630 |
| | 3/1/24 1200 | Nicely's Del. Service | 3/1/24 2300 |

Tracking Number: N/A

Delivered by: [ ] In-Person [X] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Nicely's Del. Service 3.2.24

3.4.24 0730

ENV-FRM-GBUR-0088 v07_Sample Condition Upon Receip

Effective Date: 01/04/2024

**WO# : 30664903**

PM: HMG Due Date: 03/15/24

CLIENT: MW-CLARKSBU

Client Name: City of Clarksburg WWTP

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other

Tracking Number: Drop Off

Initial / Date

Examined By: CB 2-29-24

Labeled By: CB 2-29-24

Temped By: CB 2-29-24

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals Intact: ☐ Yes ☒ No

Thermometer Used: 19 Type of Ice: (Wet) Blue None

Cooler Temperature: Observed Temp 3.4 °C Correction Factor: 10.0 °C Final Temp: 3.4 °C

Temp should be above freezing to 6°C

| Comments: | Yes | No | NA | pH paper Lot# WQ2931 / D.P.D. Residual Chlorine Lot # 042V331KK |
|---|---|---|---|---|
| Chain of Custody Present | X | | | 1. |
| Chain of Custody Filled Out: | X | | | 2. |
| -Were client corrections present on COC | X | | | Sample 001 time correction |
| Chain of Custody Relinquished | X | | | 3. |
| Sampler Name & Signature on COC: | X | | | 4. |
| Sample Labels match COC: -Includes date/time/ID Matrix: WT | X | | | 5. |
| Samples Arrived within Hold Time: | X | | | 6. |
| **Short Hold Time Analysis (<72hr remaining):** | X | | | 7. Acrolein |
| **Rush Turn Around Time Requested:** | | X | | 8. |
| Sufficient Volume: | X | | | 9. |
| Correct Containers Used: | X | | | 10. |
| -Pace Containers Used | X | | | |
| Containers Intact: | X | | | 11. |
| Orthophosphate field filtered: | | | X | 12. |
| Hex Cr Aqueous samples field filtered: | | | X | 13. |
| Organic Samples checked for dechlorination | X | | | 14: |
| Filtered volume received for dissolved tests: | | | X | 15: |
| **All containers checked for preservation:** exceptions: (VOA), coliform, TOC, (ORG), (Phenolics), Radon, non-aqueous matrix | | X | | 16. |
| **All containers meet method preservation requirements:** | X | | | Initial when completed: CB Date/Time of Preservation: Lot# of added Preservative: |
| **8260C/D:** Headspace in VOA Vials (> 6mm) | | | X | 17. |
| **624.1:** Headspace in VOA Vials (0mm) | | X | | 18. |
| **Radon:** Headspace in RAD Vials (0mm) | | | X | 19. |
| Trip Blank Present: | X | | | Trip blank custody seal present? (YES) or NO |
| **Rad Samples Screened <.05 mrem/hr.** | X | | | Initial when completed: CB Date: 2-29-24 Survey Meter SN: 2501380 |

Comments: No trip blank listed on CoC.

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.
PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

# Pace Container Order #3057997

heather.godbey@pacelabs.com

## Addresses

| Order By : | | Ship To : | | Return To: | |
|---|---|---|---|---|---|
| Company | City of Clarksburg WWTP | Company | City of Clarksburg WWTP | Company | Pace Analytical Beaver |
| Contact | Kelly Lanza | Contact | Kelly Lanza | Contact | Heather Godbey |
| Email | klanza@cityofclarksburgwv.com | Email | klanza@cityofclarksburgwv.com | Email | heather.godbey@pacelabs.com |
| Address | Municipal Building | Address | Municipal Building | Address | 225 Industrial Park Drive |
| Address 2 | 222 West Main Street | Address 2 | 222 West Main Street | Address 2 | |
| City | Clarksburg | City | Clarksburg | City | Beaver |
| State | WV Zip 26301 | State | WV Zip 26301 | State | WV Zip 25813 |
| Phone | | Phone | | Phone | (800)999-0105 |

## Info

**Project Name** PERMIT RENEWAL **Due Date** 02/08/2024 **Profile** 21100 **Quote**

**Project Manager** Godbey, Heather **Return Date** **Carrier** Courier **Location** WV

## Return Shipping Labels

Return Label Type

☐ No Shipper
☐ With Shipper

## Bottle Labels

☐ Blank
☐ Pre-Printed No Sample IDs
☐ Pre-Printed With Sample IDs

## Bottles

☐ Boxed Cases
☐ Individually Wrapped
☐ Grouped By Sample ID/Matrix

## Trip Blanks

☐ Include Trip Blanks

## COC Options

☐ Number of Blanks
☐ Pre-Printed

## Misc

☐ Sampling Instructions
☐ Custody Seal
☐ Temp. Blanks
☐ Coolers
☐ Syringes
☐ Extra Bubble Wrap
☐ Short Hold/Rush Stickers
☐ DI Water
☐ USDA Regulated Soils
☐ Dry Weight

| # of Samp | Matrix | Analysis | Qty / Samp | Container | Total | # of QC | Lot # | Notes |
|---|---|---|---|---|---|---|---|---|
| 1 | WT | BVR 1664 SGT-HEM, TPH | 1 | 1L amber glass HCl | 1 | | | |
| 1 | WT | 624.1 Volatile Organics | 3 | 40mL amber VOA vial HCl | 3 | | | |
| 1 | WT | 624.1 Volatile Organics | 3 | 40mL clear VOA vial HCl | 3 | | | |
| 1 | WT | 625.1 Reduced Volume | 2 | 100mL amber glass ~~Na-Thiosulfate~~ | 2 | | | |
| 1 | WT | 335.4 BVR Cyanide, Total | 1 | 250ml plastic NAOH | 1 | | | |
| 1 | WT | BVR Phenolic Total Recoverable | 1 | 500mL amber glass H2SO4 | 1 | | | |
| 1 | WT | BVR 351.2 Total Kjeldahl Nitro; BVR 4500PB Total P | 1 | 500mL plastic H2SO4 | 1 | | | |
| 1 | WT | BVR 200.7 Metals Total; BVR 245.1 Mercury | 1 | 500mL plastic HNO3 | 1 | | | |
| 1 | WT | BVR 2540C Total Dissol. Solids | 1 | 500mL plastic unpreserved | 1 | | | |

**WO# : 30664903**
**PM: HMG Due Date: 03/15/24**
**CLIENT: MW-CLARKSBU**

**Hazard Shipping Placard In Place :** N/A

*Sample receiving hours are typically 8am-5pm, but may differ by location. Please check with your Pace Project Manager.

*Pace Analytical reserves the right to return hazardous, toxic, or radioactive samples to you.

*Pace Analytical reserves the right to charge for unused bottles, as well as cost associated with sample storage/disposal.

*Payment term are net 30 days.

*Please include the proposal number on the chain of custody to ensure proper billing.

**Ship Date :**
**Prepared By:**
**Verified By:**

**CLIENT USE (Optional):**
**Date Rec'd:**
**Received By:**

**Sample Notes :**



F-ALL-C-009-rev.00, 19Dec2016

Client _____

Site PERMIT RENEWAL

Page 1 of 1

Profile Number 21100

Notes OC3 = Trip Blank

| | | Amber Glass | | | | | Plastic | | | | | | | | Vials | | | | | Other | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Line Item | Matrix | AG1H | AG3S | AG3U | AG5U | AG5T | BP1N | BP1U | BP2S | BP2U | BP3C | BP3N | BP3S | BP3U | DG9S | VG9H | VG9T | VG9U | VOAK | WGFU | WGKU | ZPLC | GCUB | GJN | 12GN | GN | BG1U | BP2N | DG9H |
| OC1 | WT | | | | 2 | | | | 1 | 1 | | | | | | | | | | | | | | | | | | 1 | |
| OC2 | ↓ | 1 | 1 | | | | | | | | | | | 1 | | | | 3 | | | | | | | | | | | 3 |
| OC3 | ↓ | | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | |
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Container Codes

## Glass

| | | | |
|---|---|---|---|
| GJN | 1 Gallon Jug with HNO3 | DG9S | 40mL amber VOA vial H2SO4 |
| AG5U | 100mL amber glass unpreserved | VG9U | 40mL clear VOA vial |
| AG5T | 100mL amber glass Na Thiosulfate | VG9T | 40mL clear VOA vial Na Thiosulfate |
| GJN | 1 Gallon Jug | VG9H | 40mL clear VOA vial HCl |
| AG1S | 1L amber glass H2SO4 | JGFU | 4oz amber wide jar |
| AG1H | 1L amber glass HCl | WGFU | 4oz wide jar unpreserved |
| AG1T | 1L amber glass NA Thiosulfate | BG2U | 500mL clear glass unpreserved |
| BG1U | 1L clear glass unpreserved | AG2U | 500mL amber glass unpreserved |
| AG3S | 250mL amber glass H2SO4 | WGKU | 8oz wide jar unpr |
| AG3U | 250mL amber glass unpreserved | GN | General |

## Plastic/Misc.

| | |
|---|---|
| GCUB | 1 gallon cubitainer |
| 12GN | 1/2 gallon cubitainer |
| SP5T | 120mL coliform Na Thiosulfate |
| BP1N | 1L plastic HNO3 |
| BP1U | 1L plastic unpreserved |
| BP3S | 250mL plastic H2SO4 |
| BP3N | 250mL plastic HNO3 |
| | L plastic unpreserved |
| | L plastic NAOH |
| | L plastic H2SO4 |
| | L plastic unpreserved |

| | |
|---|---|
| EZI | 5g Encore |
| VOAK | Kit Volatile Solid |
| I | Wipe/Swab |
| ZPLC | Siploc Bag |

| | |
|---|---|
| WT | Water |
| SL | Solid |
| OL | Non-Aq Liquid |
| WP | Wipe |

WO# : 30664903

PM: HMG Due Date: 03/15/24

CLIENT: MW-CLARKSBU

Qualtrax ID: 55678

**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

July 01, 2024

Ms. Kelly Lanza
City of Clarksburg - Wastewater
Municipal Building
222 West Main Street
Clarksburg, WV 26301

RE: Project: PERMIT RENEWAL
Pace Project No.: 30692377

Dear Ms. Lanza:

Some analyses were subcontracted outside of the Pace Network. The test report from the external subcontractor is attached to this report in its entirety.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Beaver
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heather Godbey

Heather M. Godbey
heather.godbey@pacelabs.com
(800)999-0105
Project Manager

Enclosures

**REPORT OF LABORATORY ANALYSIS**

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Morgantown, WV 26501
(304)241-5861

## CERTIFICATIONS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Pace Analytical Services Pennsylvania**

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

**Pace Analytical Services Beaver**

225 Industrial Park Road, Beaver, WV 25813
Virginia VELAP 460148
West Virginia DEP 060
West Virginia DHHR 00412CM
North Carolina DEQ 466
Kentucky Wastewater Certification KY90039
Pennsylvania DEP 68-00839

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16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## SAMPLE SUMMARY

Project: PERMIT RENEWAL
Pace Project No.: 30692377

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| **30692377001** | **COMP** | Water | 06/13/24 07:00 | 06/13/24 18:00 |
| **30692377002** | **GRAB** | Water | 06/13/24 07:00 | 06/13/24 18:00 |
| **30692377003** | **Trip Blank** | Water | 06/13/24 00:00 | 06/13/24 18:00 |

**REPORT OF LABORATORY ANALYSIS**

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16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## SAMPLE ANALYTE COUNT

Project: PERMIT RENEWAL
Pace Project No.: 30692377

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| **30692377001** | **COMP** | EPA 200.7 | AGB | 13 | PASI-BV |
| | | EPA 245.1 | JLH1 | 1 | PASI-BV |
| | | SM 2540C-2015 | JS3 | 1 | PASI-BV |
| | | EPA 351.2, Rev 2.0 | CJD | 1 | PASI-BV |
| | | EPA 625.1 Dec 2016 | EAC | 63 | PASI-PA |
| **30692377002** | **GRAB** | EPA 1664A | SMS | 1 | PASI-BV |
| | | EPA 335.4, Rev 1.0 | CJD | 1 | PASI-BV |
| | | EPA 420.1 | SDW | 1 | PASI-BV |
| | | EPA 624.1 Dec 2016 | EAB | 53 | PASI-PA |
| **30692377003** | **Trip Blank** | EPA 624.1 Dec 2016 | EAB | 53 | PASI-PA |

PASI-BV = Pace Analytical Services - Beaver
PASI-PA = Pace Analytical Services - Greensburg

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16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Sample: COMP** **Lab ID: 30692377001** Collected: 06/13/24 07:00 Received: 06/13/24 18:00 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **BVR 200.7 Metals Total** | Analytical Method: EPA 200.7 Preparation Method: EPA 200.2 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Antimony | ND | ug/L | 20.0 | 4.2 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-36-0 | |
| Arsenic | ND | mg/L | 0.020 | 0.0066 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-38-2 | |
| Beryllium | ND | ug/L | 1.0 | 0.29 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-41-7 | |
| Cadmium | ND | mg/L | 0.0020 | 0.00025 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-43-9 | |
| Chromium | ND | mg/L | 0.0050 | 0.0016 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-47-3 | |
| Copper | ND | mg/L | 0.0050 | 0.0035 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-50-8 | |
| Lead | ND | mg/L | 0.010 | 0.0034 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7439-92-1 | |
| Nickel | ND | mg/L | 0.0050 | 0.0016 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-02-0 | |
| Selenium | ND | ug/L | 20.0 | 4.7 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7782-49-2 | |
| Silver | ND | mg/L | 0.0050 | 0.0022 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-22-4 | |
| Thallium | ND | ug/L | 10.0 | 3.4 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-28-0 | |
| Total Hardness | **323000** | ug/L | 3310 | 415 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | | |
| Zinc | **0.018J** | mg/L | 0.020 | 0.0084 | 1 | 06/19/24 02:59 | 06/20/24 20:09 | 7440-66-6 | |
| **BVR 245.1 Mercury** | Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Mercury | ND | ug/L | 0.20 | 0.16 | 1 | 06/16/24 09:29 | 06/17/24 15:06 | 7439-97-6 | |
| **BVR 2540C Total Dissol. Solids** | Analytical Method: SM 2540C-2015 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Total Dissolved Solids | **589** | mg/L | 10.0 | 5.0 | 1 | | 06/19/24 20:26 | | |
| **BVR 351.2 Total Kjeldahl Nitro** | Analytical Method: EPA 351.2, Rev 2.0 Preparation Method: EPA 351.2, Rev 2.0 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Nitrogen, Kjeldahl, Total | **1.0** | mg/L | 0.50 | 0.32 | 1 | 06/18/24 09:28 | 06/18/24 22:56 | 7727-37-9 | |
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| Acenaphthene | ND | ug/L | 0.97 | 0.58 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 83-32-9 | |
| Acenaphthylene | ND | ug/L | 0.97 | 0.62 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 208-96-8 | |
| Anthracene | ND | ug/L | 0.97 | 0.64 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 120-12-7 | |
| Benzidine | ND | ug/L | 14.6 | 4.3 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 92-87-5 | |
| Benzo(a)anthracene | ND | ug/L | 0.97 | 0.75 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 56-55-3 | |
| Benzo(a)pyrene | ND | ug/L | 0.97 | 0.74 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 50-32-8 | |
| Benzo(b)fluoranthene | ND | ug/L | 0.97 | 0.72 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 205-99-2 | |
| Benzo(g,h,i)perylene | ND | ug/L | 0.97 | 0.77 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 191-24-2 | |
| Benzo(k)fluoranthene | ND | ug/L | 0.97 | 0.70 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 207-08-9 | |
| 4-Bromophenylphenyl ether | ND | ug/L | 0.97 | 0.66 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 101-55-3 | |
| Butylbenzylphthalate | ND | ug/L | 2.4 | 0.69 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 85-68-7 | |
| bis(2-Chloroethoxy)methane | ND | ug/L | 0.97 | 0.56 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 111-91-1 | |
| bis(2-Chloroethyl) ether | ND | ug/L | 0.97 | 0.52 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 111-44-4 | |
| bis(2-Chloroisopropyl) ether | ND | ug/L | 0.97 | 0.61 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 108-60-1 | |
| 2-Chloronaphthalene | ND | ug/L | 0.97 | 0.64 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 91-58-7 | |
| 2-Chlorophenol | ND | ug/L | 0.97 | 0.57 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 95-57-8 | |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Sample: COMP** **Lab ID: 30692377001** Collected: 06/13/24 07:00 Received: 06/13/24 18:00 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| 4-Chlorophenylphenyl ether | ND | ug/L | 0.97 | 0.58 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 7005-72-3 | |
| Chrysene | ND | ug/L | 0.97 | 0.77 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 218-01-9 | |
| Dibenz(a,h)anthracene | ND | ug/L | 0.97 | 0.74 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 53-70-3 | |
| 1,2-Dichlorobenzene | ND | ug/L | 0.97 | 0.58 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 95-50-1 | |
| 1,3-Dichlorobenzene | ND | ug/L | 0.97 | 0.55 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 541-73-1 | |
| 1,4-Dichlorobenzene | ND | ug/L | 0.97 | 0.55 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 106-46-7 | |
| 3,3'-Dichlorobenzidine | ND | ug/L | 0.97 | 0.79 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 91-94-1 | |
| 2,4-Dichlorophenol | ND | ug/L | 0.97 | 0.59 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 120-83-2 | |
| Diethylphthalate | ND | ug/L | 0.97 | 0.62 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 84-66-2 | |
| 2,4-Dimethylphenol | ND | ug/L | 0.97 | 0.63 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 105-67-9 | |
| Dimethylphthalate | ND | ug/L | 0.97 | 0.62 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 131-11-3 | |
| Di-n-butylphthalate | ND | ug/L | 0.97 | 0.78 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 84-74-2 | L1 |
| 4,6-Dinitro-2-methylphenol | ND | ug/L | 2.4 | 1.7 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 534-52-1 | |
| 2,4-Dinitrophenol | ND | ug/L | 2.4 | 2.3 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 51-28-5 | |
| 2,4-Dinitrotoluene | ND | ug/L | 0.97 | 0.45 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 121-14-2 | |
| 2,6-Dinitrotoluene | ND | ug/L | 0.97 | 0.54 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 606-20-2 | |
| Di-n-octylphthalate | **1.6J** | ug/L | 2.4 | 1.1 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 117-84-0 | |
| 1,2-Diphenylhydrazine | ND | ug/L | 0.97 | 0.63 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 122-66-7 | |
| bis(2-Ethylhexyl)phthalate | ND | ug/L | 2.4 | 1.4 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 117-81-7 | |
| Fluoranthene | ND | ug/L | 0.97 | 0.69 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 206-44-0 | |
| Fluorene | ND | ug/L | 0.97 | 0.59 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 86-73-7 | |
| Hexachloro-1,3-butadiene | ND | ug/L | 0.97 | 0.58 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 87-68-3 | |
| Hexachlorobenzene | ND | ug/L | 0.97 | 0.66 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 118-74-1 | |
| Hexachlorocyclopentadiene | ND | ug/L | 0.97 | 0.55 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 77-47-4 | |
| Hexachloroethane | ND | ug/L | 0.97 | 0.55 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 67-72-1 | |
| Indeno(1,2,3-cd)pyrene | ND | ug/L | 0.97 | 0.68 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 193-39-5 | |
| Isophorone | ND | ug/L | 0.97 | 0.59 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 78-59-1 | |
| 3&4-Methylphenol(m&p Cresol) | ND | ug/L | 1.9 | 0.86 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | | |
| Naphthalene | ND | ug/L | 2.4 | 0.65 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 91-20-3 | |
| Nitrobenzene | ND | ug/L | 0.97 | 0.57 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 98-95-3 | |
| 2-Nitrophenol | ND | ug/L | 0.97 | 0.65 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 88-75-5 | |
| 4-Nitrophenol | ND | ug/L | 0.97 | 0.34 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 100-02-7 | |
| N-Nitrosodimethylamine | ND | ug/L | 0.97 | 0.33 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 62-75-9 | |
| N-Nitroso-di-n-propylamine | ND | ug/L | 0.97 | 0.56 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 621-64-7 | |
| N-Nitrosodiphenylamine | ND | ug/L | 0.97 | 0.66 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 86-30-6 | |
| Pentachlorophenol | ND | ug/L | 2.4 | 1.5 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 87-86-5 | |
| Phenanthrene | ND | ug/L | 0.97 | 0.64 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 85-01-8 | |
| Phenol | ND | ug/L | 0.97 | 0.24 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 108-95-2 | |
| Pyrene | ND | ug/L | 0.97 | 0.73 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 129-00-0 | |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.97 | 0.57 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 120-82-1 | |
| 2,4,6-Trichlorophenol | ND | ug/L | 0.97 | 0.58 | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 88-06-2 | |
| ***Surrogates*** | | | | | | | | | |
| Nitrobenzene-d5 (S) | 118 | %. | 10-175 | | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 89 | %. | 20-133 | | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 321-60-8 | |
| Terphenyl-d14 (S) | 107 | %. | 30-148 | | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 1718-51-0 | |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Sample: COMP** **Lab ID: 30692377001** Collected: 06/13/24 07:00 Received: 06/13/24 18:00 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| ***Surrogates*** | | | | | | | | | |
| Phenol-d6 (S) | 40 | %. | 10-63 | | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 13127-88-3 | |
| 2-Fluorophenol (S) | 60 | %. | 10-95 | | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 118 | %. | 10-166 | | 1 | 06/17/24 14:00 | 06/18/24 20:29 | 118-79-6 | |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Sample: GRAB** **Lab ID: 30692377002** Collected: 06/13/24 07:00 Received: 06/13/24 18:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **BVR 1664 SGT-HEM, TPH** | Analytical Method: EPA 1664A<br>Pace Analytical Services - Beaver | | | | | | | | |
| Non-polar Material | ND | mg/L | 4.9 | 2.2 | 1 | | 06/21/24 15:36 | | N2 |
| **335.4 BVR Cyanide, Total** | Analytical Method: EPA 335.4, Rev 1.0 Preparation Method: EPA 335.4, Rev 1.0<br>Pace Analytical Services - Beaver | | | | | | | | |
| Cyanide | ND | mg/L | 0.020 | 0.0050 | 1 | 06/18/24 16:09 | 06/20/24 12:32 | 57-12-5 | |
| **BVR Phenolic Total Recoverable** | Analytical Method: EPA 420.1 Preparation Method: EPA 420.1<br>Pace Analytical Services - Beaver | | | | | | | | |
| Phenolics, Total Recoverable | ND | mg/L | 0.010 | 0.0050 | 1 | 06/24/24 10:26 | 06/25/24 12:09 | 64743-03-9 | |
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Acetone | ND | ug/L | 10.0 | 6.7 | 1 | | 06/16/24 14:30 | 67-64-1 | 1c |
| Acrolein | ND | ug/L | 4.0 | 4.0 | 1 | | 06/16/24 14:30 | 107-02-8 | 1c |
| Acrylonitrile | ND | ug/L | 4.0 | 1.4 | 1 | | 06/16/24 14:30 | 107-13-1 | 1c,L2 |
| Benzene | ND | ug/L | 1.0 | 0.41 | 1 | | 06/16/24 14:30 | 71-43-2 | 1c |
| Bromochloromethane | ND | ug/L | 1.0 | 0.55 | 1 | | 06/16/24 14:30 | 74-97-5 | 1c |
| Bromodichloromethane | **5.4** | ug/L | 1.0 | 0.39 | 1 | | 06/16/24 14:30 | 75-27-4 | 1c |
| Bromoform | ND | ug/L | 4.0 | 1.5 | 1 | | 06/16/24 14:30 | 75-25-2 | 1c |
| Bromomethane | ND | ug/L | 4.0 | 2.5 | 1 | | 06/16/24 14:30 | 74-83-9 | 1c |
| 2-Butanone (MEK) | ND | ug/L | 10.0 | 2.4 | 1 | | 06/16/24 14:30 | 78-93-3 | 1c |
| Carbon disulfide | ND | ug/L | 1.0 | 0.35 | 1 | | 06/16/24 14:30 | 75-15-0 | 1c |
| Carbon tetrachloride | ND | ug/L | 1.0 | 0.52 | 1 | | 06/16/24 14:30 | 56-23-5 | 1c |
| Chlorobenzene | ND | ug/L | 1.0 | 0.42 | 1 | | 06/16/24 14:30 | 108-90-7 | 1c |
| Chloroethane | ND | ug/L | 1.0 | 0.75 | 1 | | 06/16/24 14:30 | 75-00-3 | 1c,L1 |
| 2-Chloroethylvinyl ether | ND | ug/L | 2.0 | 0.34 | 1 | | 06/16/24 14:30 | 110-75-8 | 1c |
| Chloroform | **17.5** | ug/L | 4.0 | 1.2 | 1 | | 06/16/24 14:30 | 67-66-3 | 1c |
| Chloromethane | ND | ug/L | 1.0 | 0.34 | 1 | | 06/16/24 14:30 | 74-87-3 | 1c |
| Dibromochloromethane | ND | ug/L | 1.0 | 0.42 | 1 | | 06/16/24 14:30 | 124-48-1 | 1c |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 0.26 | 1 | | 06/16/24 14:30 | 95-50-1 | 1c |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 0.50 | 1 | | 06/16/24 14:30 | 541-73-1 | 1c |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 0.26 | 1 | | 06/16/24 14:30 | 106-46-7 | 1c |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 0.26 | 1 | | 06/16/24 14:30 | 75-34-3 | 1c,L2 |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 0.35 | 1 | | 06/16/24 14:30 | 107-06-2 | 1c |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 0.28 | 1 | | 06/16/24 14:30 | 75-35-4 | 1c |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.47 | 1 | | 06/16/24 14:30 | 156-59-2 | 1c,L2 |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 06/16/24 14:30 | 156-60-5 | 1c,L2 |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 0.30 | 1 | | 06/16/24 14:30 | 78-87-5 | 1c |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 0.43 | 1 | | 06/16/24 14:30 | 594-20-7 | 1c |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 0.43 | 1 | | 06/16/24 14:30 | 563-58-6 | 1c,L2 |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.34 | 1 | | 06/16/24 14:30 | 10061-01-5 | 1c |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.33 | 1 | | 06/16/24 14:30 | 10061-02-6 | 1c |
| Total 1,3-Dichloropropene | ND | ug/L | 2.0 | 0.66 | 1 | | 06/16/24 14:30 | | 1c,N2 |
| Ethylbenzene | ND | ug/L | 1.0 | 0.31 | 1 | | 06/16/24 14:30 | 100-41-4 | 1c |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Sample: GRAB** **Lab ID: 30692377002** Collected: 06/13/24 07:00 Received: 06/13/24 18:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| 2-Hexanone | ND | ug/L | 10.0 | 0.40 | 1 | | 06/16/24 14:30 | 591-78-6 | 1c |
| Methylene Chloride | ND | ug/L | 1.0 | 0.75 | 1 | | 06/16/24 14:30 | 75-09-2 | 1c |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 10.0 | 0.28 | 1 | | 06/16/24 14:30 | 108-10-1 | 1c,L2 |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 0.30 | 1 | | 06/16/24 14:30 | 1634-04-4 | 1c,L2 |
| Styrene | ND | ug/L | 1.0 | 0.48 | 1 | | 06/16/24 14:30 | 100-42-5 | 1c,L2 |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 0.24 | 1 | | 06/16/24 14:30 | 79-34-5 | 1c |
| Tetrachloroethene | ND | ug/L | 1.0 | 0.30 | 1 | | 06/16/24 14:30 | 127-18-4 | 1c |
| Toluene | ND | ug/L | 1.0 | 0.24 | 1 | | 06/16/24 14:30 | 108-88-3 | 1c,L2 |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 0.43 | 1 | | 06/16/24 14:30 | 71-55-6 | 1c |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 0.46 | 1 | | 06/16/24 14:30 | 79-00-5 | 1c |
| Trichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 06/16/24 14:30 | 79-01-6 | 1c |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 0.60 | 1 | | 06/16/24 14:30 | 75-69-4 | 1c,L1 |
| Vinyl chloride | ND | ug/L | 1.0 | 0.28 | 1 | | 06/16/24 14:30 | 75-01-4 | 1c |
| Xylene (Total) | ND | ug/L | 3.0 | 0.88 | 1 | | 06/16/24 14:30 | 1330-20-7 | 1c,LS |
| m&p-Xylene | ND | ug/L | 2.0 | 0.60 | 1 | | 06/16/24 14:30 | 179601-23-1 | 1c,L2 |
| o-Xylene | ND | ug/L | 1.0 | 0.28 | 1 | | 06/16/24 14:30 | 95-47-6 | 1c,L2 |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 104 | %. | 80-120 | | 1 | | 06/16/24 14:30 | 460-00-4 | 1c |
| Toluene-d8 (S) | 87 | %. | 80-120 | | 1 | | 06/16/24 14:30 | 2037-26-5 | 1c |
| 1,2-Dichloroethane-d4 (S) | 110 | %. | 80-120 | | 1 | | 06/16/24 14:30 | 17060-07-0 | 1c |
| Dibromofluoromethane (S) | 100 | %. | 74-125 | | 1 | | 06/16/24 14:30 | 1868-53-7 | 1c |
| Preservation pH | **2.0** | | 2.0 | 2.0 | 1 | | 06/16/24 14:30 | | 1c,B |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Sample: Trip Blank** **Lab ID: 30692377003** Collected: 06/13/24 00:00 Received: 06/13/24 18:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Acetone | ND | ug/L | 10.0 | 6.7 | 1 | | 06/16/24 14:56 | 67-64-1 | 1c |
| Acrolein | ND | ug/L | 4.0 | 4.0 | 1 | | 06/16/24 14:56 | 107-02-8 | 1c |
| Acrylonitrile | ND | ug/L | 4.0 | 1.4 | 1 | | 06/16/24 14:56 | 107-13-1 | 1c,L2 |
| Benzene | ND | ug/L | 1.0 | 0.41 | 1 | | 06/16/24 14:56 | 71-43-2 | 1c |
| Bromochloromethane | ND | ug/L | 1.0 | 0.55 | 1 | | 06/16/24 14:56 | 74-97-5 | 1c |
| Bromodichloromethane | ND | ug/L | 1.0 | 0.39 | 1 | | 06/16/24 14:56 | 75-27-4 | 1c |
| Bromoform | ND | ug/L | 4.0 | 1.5 | 1 | | 06/16/24 14:56 | 75-25-2 | 1c |
| Bromomethane | ND | ug/L | 4.0 | 2.5 | 1 | | 06/16/24 14:56 | 74-83-9 | 1c |
| 2-Butanone (MEK) | ND | ug/L | 10.0 | 2.4 | 1 | | 06/16/24 14:56 | 78-93-3 | 1c |
| Carbon disulfide | ND | ug/L | 1.0 | 0.35 | 1 | | 06/16/24 14:56 | 75-15-0 | 1c |
| Carbon tetrachloride | ND | ug/L | 1.0 | 0.52 | 1 | | 06/16/24 14:56 | 56-23-5 | 1c |
| Chlorobenzene | ND | ug/L | 1.0 | 0.42 | 1 | | 06/16/24 14:56 | 108-90-7 | 1c |
| Chloroethane | ND | ug/L | 1.0 | 0.75 | 1 | | 06/16/24 14:56 | 75-00-3 | 1c,L1 |
| 2-Chloroethylvinyl ether | ND | ug/L | 2.0 | 0.34 | 1 | | 06/16/24 14:56 | 110-75-8 | 1c |
| Chloroform | ND | ug/L | 4.0 | 1.2 | 1 | | 06/16/24 14:56 | 67-66-3 | 1c |
| Chloromethane | ND | ug/L | 1.0 | 0.34 | 1 | | 06/16/24 14:56 | 74-87-3 | 1c |
| Dibromochloromethane | ND | ug/L | 1.0 | 0.42 | 1 | | 06/16/24 14:56 | 124-48-1 | 1c |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 0.26 | 1 | | 06/16/24 14:56 | 95-50-1 | 1c |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 0.50 | 1 | | 06/16/24 14:56 | 541-73-1 | 1c |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 0.26 | 1 | | 06/16/24 14:56 | 106-46-7 | 1c |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 0.26 | 1 | | 06/16/24 14:56 | 75-34-3 | 1c,L2 |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 0.35 | 1 | | 06/16/24 14:56 | 107-06-2 | 1c |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 0.28 | 1 | | 06/16/24 14:56 | 75-35-4 | 1c |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.47 | 1 | | 06/16/24 14:56 | 156-59-2 | 1c,L2 |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 06/16/24 14:56 | 156-60-5 | 1c,L2 |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 0.30 | 1 | | 06/16/24 14:56 | 78-87-5 | 1c |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 0.43 | 1 | | 06/16/24 14:56 | 594-20-7 | 1c |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 0.43 | 1 | | 06/16/24 14:56 | 563-58-6 | 1c,L2 |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.34 | 1 | | 06/16/24 14:56 | 10061-01-5 | 1c |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.33 | 1 | | 06/16/24 14:56 | 10061-02-6 | 1c |
| Total 1,3-Dichloropropene | ND | ug/L | 2.0 | 0.66 | 1 | | 06/16/24 14:56 | | 1c,N2 |
| Ethylbenzene | ND | ug/L | 1.0 | 0.31 | 1 | | 06/16/24 14:56 | 100-41-4 | 1c |
| 2-Hexanone | ND | ug/L | 10.0 | 0.40 | 1 | | 06/16/24 14:56 | 591-78-6 | 1c |
| Methylene Chloride | ND | ug/L | 1.0 | 0.75 | 1 | | 06/16/24 14:56 | 75-09-2 | 1c |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 10.0 | 0.28 | 1 | | 06/16/24 14:56 | 108-10-1 | 1c,L2 |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 0.30 | 1 | | 06/16/24 14:56 | 1634-04-4 | 1c,L2 |
| Styrene | ND | ug/L | 1.0 | 0.48 | 1 | | 06/16/24 14:56 | 100-42-5 | 1c,L2 |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 0.24 | 1 | | 06/16/24 14:56 | 79-34-5 | 1c |
| Tetrachloroethene | ND | ug/L | 1.0 | 0.30 | 1 | | 06/16/24 14:56 | 127-18-4 | 1c |
| Toluene | ND | ug/L | 1.0 | 0.24 | 1 | | 06/16/24 14:56 | 108-88-3 | 1c,L2 |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 0.43 | 1 | | 06/16/24 14:56 | 71-55-6 | 1c |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 0.46 | 1 | | 06/16/24 14:56 | 79-00-5 | 1c |
| Trichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 06/16/24 14:56 | 79-01-6 | 1c |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 0.60 | 1 | | 06/16/24 14:56 | 75-69-4 | 1c,L1 |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

**Sample: Trip Blank** **Lab ID: 30692377003** Collected: 06/13/24 00:00 Received: 06/13/24 18:00 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Vinyl chloride | ND | ug/L | 1.0 | 0.28 | 1 | | 06/16/24 14:56 | 75-01-4 | 1c |
| Xylene (Total) | ND | ug/L | 3.0 | 0.88 | 1 | | 06/16/24 14:56 | 1330-20-7 | 1c,LS |
| m&p-Xylene | ND | ug/L | 2.0 | 0.60 | 1 | | 06/16/24 14:56 | 179601-23-1 | 1c,L2 |
| o-Xylene | ND | ug/L | 1.0 | 0.28 | 1 | | 06/16/24 14:56 | 95-47-6 | 1c,L2 |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 105 | %. | 80-120 | | 1 | | 06/16/24 14:56 | 460-00-4 | 1c |
| Toluene-d8 (S) | 93 | %. | 80-120 | | 1 | | 06/16/24 14:56 | 2037-26-5 | 1c |
| 1,2-Dichloroethane-d4 (S) | 106 | %. | 80-120 | | 1 | | 06/16/24 14:56 | 17060-07-0 | 1c |
| Dibromofluoromethane (S) | 104 | %. | 74-125 | | 1 | | 06/16/24 14:56 | 1868-53-7 | 1c |
| Preservation pH | **2.0** | | 2.0 | 2.0 | 1 | | 06/16/24 14:56 | | 1c,B |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 676745
QC Batch Method: EPA 200.2
Analysis Method: EPA 200.7
Analysis Description: BVR 200.7 Metals, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30692377001

METHOD BLANK: 3295632 Matrix: Water
Associated Lab Samples: 30692377001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 20.0 | 4.2 | 06/20/24 20:02 | |
| Arsenic | mg/L | ND | 0.020 | 0.0066 | 06/20/24 20:02 | |
| Beryllium | ug/L | ND | 1.0 | 0.29 | 06/20/24 20:02 | |
| Cadmium | mg/L | ND | 0.0020 | 0.00025 | 06/20/24 20:02 | |
| Chromium | mg/L | ND | 0.0050 | 0.0016 | 06/20/24 20:02 | |
| Copper | mg/L | ND | 0.0050 | 0.0035 | 06/20/24 20:02 | |
| Lead | mg/L | ND | 0.010 | 0.0034 | 06/20/24 20:02 | |
| Nickel | mg/L | ND | 0.0050 | 0.0016 | 06/20/24 20:02 | |
| Selenium | ug/L | ND | 20.0 | 4.7 | 06/20/24 20:02 | |
| Silver | mg/L | ND | 0.0050 | 0.0022 | 06/20/24 20:02 | |
| Thallium | ug/L | ND | 10.0 | 3.4 | 06/20/24 20:02 | |
| Zinc | mg/L | ND | 0.020 | 0.0084 | 06/20/24 20:02 | |

LABORATORY CONTROL SAMPLE: 3295633

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 2000 | 2060 | 103 | 85-115 | |
| Arsenic | mg/L | 2 | 2.1 | 104 | 85-115 | |
| Beryllium | ug/L | 500 | 528 | 106 | 85-115 | |
| Cadmium | mg/L | 1 | 1.1 | 110 | 85-115 | |
| Chromium | mg/L | 2 | 2.1 | 106 | 85-115 | |
| Copper | mg/L | 2 | 2.1 | 106 | 85-115 | |
| Lead | mg/L | 2 | 2.2 | 108 | 85-115 | |
| Nickel | mg/L | 2 | 2.2 | 110 | 85-115 | |
| Selenium | ug/L | 2000 | 2160 | 108 | 85-115 | |
| Silver | mg/L | 0.5 | 0.54 | 107 | 85-115 | |
| Thallium | ug/L | 2000 | 2070 | 104 | 85-115 | |
| Zinc | mg/L | 2 | 2.2 | 108 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3295636 3295637

| Parameter | Units | 30692766001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 2000 | 2000 | 2150 | 2060 | 108 | 103 | 70-130 | 4 | 20 | |
| Arsenic | mg/L | ND | 2 | 2 | 2.2 | 2.1 | 110 | 106 | 70-130 | 4 | 20 | |
| Beryllium | ug/L | ND | 500 | 500 | 545 | 522 | 109 | 104 | 70-130 | 4 | 20 | |
| Cadmium | mg/L | ND | 1 | 1 | 1.1 | 1.1 | 112 | 107 | 70-130 | 4 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3295636 3295637

| Parameter | Units | 30692766001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chromium | mg/L | ND | 2 | 2 | 2.1 | 2.0 | 106 | 101 | 70-130 | 4 | 20 | |
| Copper | mg/L | ND | 2 | 2 | 2.3 | 2.2 | 113 | 109 | 70-130 | 4 | 20 | |
| Lead | mg/L | ND | 2 | 2 | 2.2 | 2.1 | 110 | 105 | 70-130 | 4 | 20 | |
| Nickel | mg/L | ND | 2 | 2 | 2.2 | 2.1 | 112 | 107 | 70-130 | 4 | 20 | |
| Selenium | ug/L | ND | 2000 | 2000 | 2250 | 2150 | 112 | 107 | 70-130 | 4 | 20 | |
| Silver | mg/L | ND | 0.5 | 0.5 | 0.56 | 0.53 | 111 | 107 | 70-130 | 4 | 20 | |
| Thallium | ug/L | ND | 2000 | 2000 | 2060 | 1970 | 103 | 98 | 70-130 | 4 | 20 | |
| Zinc | mg/L | ND | 2 | 2 | 2.3 | 2.2 | 115 | 110 | 70-130 | 5 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3295678 3295679

| Parameter | Units | 30692910001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 2000 | 2000 | 2120 | 2140 | 106 | 107 | 70-130 | 1 | 20 | |
| Arsenic | mg/L | ND | 2 | 2 | 2.1 | 2.2 | 107 | 108 | 70-130 | 2 | 20 | |
| Beryllium | ug/L | ND | 500 | 500 | 534 | 542 | 107 | 108 | 70-130 | 1 | 20 | |
| Cadmium | mg/L | ND | 1 | 1 | 1.1 | 1.1 | 110 | 112 | 70-130 | 2 | 20 | |
| Chromium | mg/L | ND | 2 | 2 | 2.1 | 2.2 | 107 | 108 | 70-130 | 1 | 20 | |
| Copper | mg/L | ND | 2 | 2 | 2.1 | 2.2 | 106 | 108 | 70-130 | 1 | 20 | |
| Lead | mg/L | ND | 2 | 2 | 2.2 | 2.2 | 109 | 110 | 70-130 | 1 | 20 | |
| Nickel | mg/L | 0.0021J | 2 | 2 | 2.2 | 2.2 | 109 | 111 | 70-130 | 1 | 20 | |
| Selenium | ug/L | ND | 2000 | 2000 | 2190 | 2220 | 110 | 111 | 70-130 | 1 | 20 | |
| Silver | mg/L | ND | 0.5 | 0.5 | 0.55 | 0.55 | 109 | 110 | 70-130 | 1 | 20 | |
| Thallium | ug/L | ND | 2000 | 2000 | 2080 | 2120 | 104 | 106 | 70-130 | 2 | 20 | |
| Zinc | mg/L | 0.011J | 2 | 2 | 2.2 | 2.2 | 108 | 110 | 70-130 | 2 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 675874
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: BVR 245.1 Mercury
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30692377001

METHOD BLANK: 3290830 Matrix: Water
Associated Lab Samples: 30692377001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 0.20 | 0.16 | 06/17/24 14:02 | |

LABORATORY CONTROL SAMPLE: 3290831

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | 10 | 9.8 | 98 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3290832 3290833

| Parameter | Units | 30692366001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 10 | 10 | 9.9 | 9.7 | 99 | 97 | 70-130 | 2 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3290834 3290835

| Parameter | Units | 30692377001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 10 | 10 | 9.9 | 10.4 | 99 | 104 | 70-130 | 5 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 677584
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: BVR 1664 SGT-HEM, TPH
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30692377002

METHOD BLANK: 3299318 Matrix: Water
Associated Lab Samples: 30692377002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Non-polar Material | mg/L | ND | 5.0 | 2.2 | 06/21/24 15:36 | N2 |

LABORATORY CONTROL SAMPLE & LCSD: 3299319 3299320

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Non-polar Material | mg/L | 40 | 36.6 | 34.6 | 92 | 86 | 64-132 | 6 | 34 | N2 |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 677060
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: BVR 2540C Total Dissol. Solids
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30692377001

METHOD BLANK: 3297019 Matrix: Water
Associated Lab Samples: 30692377001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | ND | 10.0 | 5.0 | 06/19/24 20:03 | |

LABORATORY CONTROL SAMPLE: 3297020

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 50 | 42.0 | 84 | 80-118 | |

SAMPLE DUPLICATE: 3297021

| Parameter | Units | 30692039006 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 24.0 | 26.0 | 8 | 10 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 676617
QC Batch Method: EPA 335.4, Rev 1.0
Analysis Method: EPA 335.4, Rev 1.0
Analysis Description: 335.4 BVR Cyanide, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30692377002

METHOD BLANK: 3294584 Matrix: Water
Associated Lab Samples: 30692377002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide | mg/L | ND | 0.020 | 0.0050 | 06/20/24 10:59 | |

LABORATORY CONTROL SAMPLE: 3294585

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide | mg/L | 0.2 | 0.18 | 92 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3294586 3294587

| Parameter | Units | 30691716009 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/L | ND | 0.2 | 0.2 | 0.16 | 0.16 | 81 | 81 | 90-110 | 1 | 20 | M1 |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3294588 3294589

| Parameter | Units | 30692656006 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/L | ND | 0.2 | 0.2 | 0.18 | 0.18 | 88 | 91 | 90-110 | 4 | 20 | M1 |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 676453
QC Batch Method: EPA 351.2, Rev 2.0
Analysis Method: EPA 351.2, Rev 2.0
Analysis Description: BVR 351.2 Total Kjeldahl Nitrogen
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30692377001

METHOD BLANK: 3293891 Matrix: Water
Associated Lab Samples: 30692377001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | ND | 0.50 | 0.32 | 06/18/24 19:48 | |

LABORATORY CONTROL SAMPLE: 3293892

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 2 | 1.9 | 95 | 90-110 | |

MATRIX SPIKE SAMPLE: 3293893

| Parameter | Units | 30692320001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 4.3 | 2 | 6.5 | 110 | 90-110 | |

MATRIX SPIKE SAMPLE: 3293895

| Parameter | Units | 30692357001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 3.6 | 2 | 5.7 | 104 | 90-110 | |

SAMPLE DUPLICATE: 3293894

| Parameter | Units | 30692320001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 4.3 | 4.4 | 3 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 677833
QC Batch Method: EPA 420.1
Analysis Method: EPA 420.1
Analysis Description: BVR 420.1 Phenolics
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30692377002

METHOD BLANK: 3300364 Matrix: Water
Associated Lab Samples: 30692377002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | ND | 0.010 | 0.0050 | 06/25/24 12:07 | |

LABORATORY CONTROL SAMPLE: 3300365

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | 0.1 | 0.10 | 100 | 72-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3300366 3300367

| Parameter | Units | 30691421001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | 0.087 | 0.1 | 0.1 | 0.20 | 0.15 | 108 | 59 | 65-123 | 29 | 22 | M1,R1 |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 676106
QC Batch Method: EPA 624.1 Dec 2016
Analysis Method: EPA 624.1 Dec 2016
Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30692377002, 30692377003

METHOD BLANK: 3292183 Matrix: Water
Associated Lab Samples: 30692377002, 30692377003

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ug/L | ND | 1.0 | 0.43 | 06/16/24 14:05 | 1c |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 1.0 | 0.24 | 06/16/24 14:05 | 1c |
| 1,1,2-Trichloroethane | ug/L | ND | 1.0 | 0.46 | 06/16/24 14:05 | 1c |
| 1,1-Dichloroethane | ug/L | ND | 1.0 | 0.26 | 06/16/24 14:05 | 1c |
| 1,1-Dichloroethene | ug/L | ND | 1.0 | 0.28 | 06/16/24 14:05 | 1c |
| 1,1-Dichloropropene | ug/L | ND | 1.0 | 0.43 | 06/16/24 14:05 | 1c |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 0.26 | 06/16/24 14:05 | 1c |
| 1,2-Dichloroethane | ug/L | ND | 1.0 | 0.35 | 06/16/24 14:05 | 1c |
| 1,2-Dichloropropane | ug/L | ND | 1.0 | 0.30 | 06/16/24 14:05 | 1c |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 0.50 | 06/16/24 14:05 | 1c |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 0.26 | 06/16/24 14:05 | 1c |
| 2,2-Dichloropropane | ug/L | ND | 1.0 | 0.43 | 06/16/24 14:05 | 1c |
| 2-Butanone (MEK) | ug/L | ND | 10.0 | 2.4 | 06/16/24 14:05 | 1c |
| 2-Chloroethylvinyl ether | ug/L | ND | 2.0 | 0.34 | 06/16/24 14:05 | 1c |
| 2-Hexanone | ug/L | ND | 10.0 | 0.40 | 06/16/24 14:05 | 1c |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 10.0 | 0.28 | 06/16/24 14:05 | 1c |
| Acetone | ug/L | ND | 10.0 | 6.7 | 06/16/24 14:05 | 1c |
| Acrolein | ug/L | ND | 4.0 | 4.0 | 06/16/24 14:05 | 1c |
| Acrylonitrile | ug/L | ND | 4.0 | 1.4 | 06/16/24 14:05 | 1c |
| Benzene | ug/L | ND | 1.0 | 0.41 | 06/16/24 14:05 | 1c |
| Bromochloromethane | ug/L | ND | 1.0 | 0.55 | 06/16/24 14:05 | 1c |
| Bromodichloromethane | ug/L | ND | 1.0 | 0.39 | 06/16/24 14:05 | 1c |
| Bromoform | ug/L | ND | 4.0 | 1.5 | 06/16/24 14:05 | 1c |
| Bromomethane | ug/L | ND | 4.0 | 2.5 | 06/16/24 14:05 | 1c |
| Carbon disulfide | ug/L | ND | 1.0 | 0.35 | 06/16/24 14:05 | 1c |
| Carbon tetrachloride | ug/L | ND | 1.0 | 0.52 | 06/16/24 14:05 | 1c |
| Chlorobenzene | ug/L | ND | 1.0 | 0.42 | 06/16/24 14:05 | 1c |
| Chloroethane | ug/L | ND | 1.0 | 0.75 | 06/16/24 14:05 | 1c |
| Chloroform | ug/L | ND | 4.0 | 1.2 | 06/16/24 14:05 | 1c |
| Chloromethane | ug/L | ND | 1.0 | 0.34 | 06/16/24 14:05 | 1c |
| cis-1,2-Dichloroethene | ug/L | ND | 1.0 | 0.47 | 06/16/24 14:05 | 1c |
| cis-1,3-Dichloropropene | ug/L | ND | 1.0 | 0.34 | 06/16/24 14:05 | 1c |
| Dibromochloromethane | ug/L | ND | 1.0 | 0.42 | 06/16/24 14:05 | 1c |
| Ethylbenzene | ug/L | ND | 1.0 | 0.31 | 06/16/24 14:05 | 1c |
| m&p-Xylene | ug/L | ND | 2.0 | 0.60 | 06/16/24 14:05 | 1c |
| Methyl-tert-butyl ether | ug/L | ND | 1.0 | 0.30 | 06/16/24 14:05 | 1c |
| Methylene Chloride | ug/L | ND | 1.0 | 0.75 | 06/16/24 14:05 | 1c |
| o-Xylene | ug/L | ND | 1.0 | 0.28 | 06/16/24 14:05 | 1c |
| Styrene | ug/L | ND | 1.0 | 0.48 | 06/16/24 14:05 | 1c |
| Tetrachloroethene | ug/L | ND | 1.0 | 0.30 | 06/16/24 14:05 | 1c |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

METHOD BLANK: 3292183 Matrix: Water
Associated Lab Samples: 30692377002, 30692377003

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Toluene | ug/L | ND | 1.0 | 0.24 | 06/16/24 14:05 | 1c |
| Total 1,3-Dichloropropene | ug/L | ND | 2.0 | 0.66 | 06/16/24 14:05 | 1c,N2 |
| trans-1,2-Dichloroethene | ug/L | ND | 1.0 | 0.33 | 06/16/24 14:05 | 1c |
| trans-1,3-Dichloropropene | ug/L | ND | 1.0 | 0.33 | 06/16/24 14:05 | 1c |
| Trichloroethene | ug/L | ND | 1.0 | 0.33 | 06/16/24 14:05 | 1c |
| Trichlorofluoromethane | ug/L | ND | 1.0 | 0.60 | 06/16/24 14:05 | 1c |
| Vinyl chloride | ug/L | ND | 1.0 | 0.28 | 06/16/24 14:05 | 1c |
| Xylene (Total) | ug/L | ND | 3.0 | 0.88 | 06/16/24 14:05 | 1c |
| 1,2-Dichloroethane-d4 (S) | %. | 107 | 80-120 | | 06/16/24 14:05 | 1c |
| 4-Bromofluorobenzene (S) | %. | 105 | 80-120 | | 06/16/24 14:05 | 1c |
| Dibromofluoromethane (S) | %. | 93 | 74-125 | | 06/16/24 14:05 | 1c |
| Toluene-d8 (S) | %. | 89 | 80-120 | | 06/16/24 14:05 | 1c |
| Preservation pH | | 2.0 | 2.0 | 2.0 | 06/16/24 14:05 | 1c |

LABORATORY CONTROL SAMPLE: 3292184

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ug/L | 20 | 17.4 | 87 | 70-130 | 1c |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 14.6 | 73 | 60-140 | 1c |
| 1,1,2-Trichloroethane | ug/L | 20 | 14.0 | 70 | 70-130 | 1c |
| 1,1-Dichloroethane | ug/L | 20 | 9.8 | 49 | 70-130 | 1c,L2 |
| 1,1-Dichloroethene | ug/L | 20 | 12.9 | 64 | 50-150 | 1c |
| 1,1-Dichloropropene | ug/L | 20 | 13.9 | 70 | 76-121 | 1c,L2 |
| 1,2-Dichlorobenzene | ug/L | 20 | 16.0 | 80 | 65-135 | 1c |
| 1,2-Dichloroethane | ug/L | 20 | 16.3 | 82 | 70-130 | 1c |
| 1,2-Dichloropropane | ug/L | 20 | 14.4 | 72 | 35-165 | 1c |
| 1,3-Dichlorobenzene | ug/L | 20 | 15.1 | 75 | 70-130 | 1c |
| 1,4-Dichlorobenzene | ug/L | 20 | 16.1 | 80 | 65-135 | 1c |
| 2,2-Dichloropropane | ug/L | 20 | 10.5 | 52 | 52-153 | 1c |
| 2-Butanone (MEK) | ug/L | 40 | 23.9 | 60 | 45-144 | 1c |
| 2-Chloroethylvinyl ether | ug/L | 20 | 17.7 | 88 | 10-225 | 1c |
| 2-Hexanone | ug/L | 40 | 19.0 | 48 | 48-138 | 1c |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 40 | 20.4 | 51 | 54-139 | 1c,L2 |
| Acetone | ug/L | 40 | 26.6 | 66 | 26-170 | 1c |
| Acrolein | ug/L | 20 | 18.6 | 93 | 60-140 | 1c |
| Acrylonitrile | ug/L | 40 | 18.1 | 45 | 60-140 | 1c,L2 |
| Benzene | ug/L | 20 | 14.6 | 73 | 65-135 | 1c |
| Bromochloromethane | ug/L | 20 | 17.2 | 86 | 68-126 | 1c |
| Bromodichloromethane | ug/L | 20 | 16.3 | 82 | 65-135 | 1c |
| Bromoform | ug/L | 20 | 18.1 | 91 | 70-130 | 1c |
| Bromomethane | ug/L | 20 | 34.1 | 171 | 15-185 | 1c |
| Carbon disulfide | ug/L | 40 | 16.0 | 40 | 34-163 | 1c |
| Carbon tetrachloride | ug/L | 20 | 20.1 | 100 | 70-130 | 1c |
| Chlorobenzene | ug/L | 20 | 15.5 | 78 | 65-135 | 1c |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

LABORATORY CONTROL SAMPLE: 3292184

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chloroethane | ug/L | 20 | 47.0 | 235 | 40-160 | 1c,L1 |
| Chloroform | ug/L | 20 | 14.6 | 73 | 70-135 | 1c |
| Chloromethane | ug/L | 20 | 16.6 | 83 | 10-205 | 1c |
| cis-1,2-Dichloroethene | ug/L | 20 | 12.1 | 60 | 71-117 | 1c,L2 |
| cis-1,3-Dichloropropene | ug/L | 20 | 14.6 | 73 | 25-175 | 1c |
| Dibromochloromethane | ug/L | 20 | 15.9 | 79 | 70-135 | 1c |
| Ethylbenzene | ug/L | 20 | 13.4 | 67 | 60-140 | 1c |
| m&p-Xylene | ug/L | 40 | 27.3 | 68 | 80-120 | 1c,L2 |
| Methyl-tert-butyl ether | ug/L | 40 | 18.0 | 45 | 70-124 | 1c,L2 |
| Methylene Chloride | ug/L | 20 | 15.6 | 78 | 60-140 | 1c |
| o-Xylene | ug/L | 20 | 12.1 | 60 | 80-120 | 1c,L2 |
| Styrene | ug/L | 20 | 14.4 | 72 | 79-120 | 1c,L2 |
| Tetrachloroethene | ug/L | 20 | 14.8 | 74 | 70-130 | 1c |
| Toluene | ug/L | 20 | 13.7 | 69 | 70-130 | 1c,L2 |
| Total 1,3-Dichloropropene | ug/L | 40 | 29.0 | 72 | 69-125 | 1c,N2 |
| trans-1,2-Dichloroethene | ug/L | 20 | 9.9 | 50 | 70-130 | 1c,L2 |
| trans-1,3-Dichloropropene | ug/L | 20 | 14.4 | 72 | 50-150 | 1c |
| Trichloroethene | ug/L | 20 | 17.6 | 88 | 65-135 | 1c |
| Trichlorofluoromethane | ug/L | 20 | 39.0 | 195 | 50-150 | 1c,L1 |
| Vinyl chloride | ug/L | 20 | 20.1 | 100 | 5-195 | 1c |
| Xylene (Total) | ug/L | 60 | 39.4 | 66 | 80-120 | 1c,LS |
| 1,2-Dichloroethane-d4 (S) | %. | | | 126 | 80-120 | 1c,S0 |
| 4-Bromofluorobenzene (S) | %. | | | 109 | 80-120 | 1c |
| Dibromofluoromethane (S) | %. | | | 114 | 74-125 | 1c |
| Toluene-d8 (S) | %. | | | 89 | 80-120 | 1c |
| Preservation pH | | | 2.0 | | | 1c |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

QC Batch: 676143
QC Batch Method: EPA 625.1 Dec 2016
Analysis Method: EPA 625.1 Dec 2016
Analysis Description: 625.1 MSSV RV
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30692377001

METHOD BLANK: 3292325 Matrix: Water
Associated Lab Samples: 30692377001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | ND | 1.0 | 0.59 | 06/18/24 11:36 | |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 0.60 | 06/18/24 11:36 | |
| 1,2-Diphenylhydrazine | ug/L | ND | 1.0 | 0.65 | 06/18/24 11:36 | |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 0.56 | 06/18/24 11:36 | |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 0.56 | 06/18/24 11:36 | |
| 2,4,6-Trichlorophenol | ug/L | ND | 1.0 | 0.59 | 06/18/24 11:36 | |
| 2,4-Dichlorophenol | ug/L | ND | 1.0 | 0.61 | 06/18/24 11:36 | |
| 2,4-Dimethylphenol | ug/L | ND | 1.0 | 0.64 | 06/18/24 11:36 | |
| 2,4-Dinitrophenol | ug/L | ND | 2.5 | 2.4 | 06/18/24 11:36 | |
| 2,4-Dinitrotoluene | ug/L | ND | 1.0 | 0.46 | 06/18/24 11:36 | |
| 2,6-Dinitrotoluene | ug/L | ND | 1.0 | 0.55 | 06/18/24 11:36 | |
| 2-Chloronaphthalene | ug/L | ND | 1.0 | 0.66 | 06/18/24 11:36 | |
| 2-Chlorophenol | ug/L | ND | 1.0 | 0.59 | 06/18/24 11:36 | |
| 2-Nitrophenol | ug/L | ND | 1.0 | 0.67 | 06/18/24 11:36 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | ND | 2.0 | 0.89 | 06/18/24 11:36 | |
| 3,3'-Dichlorobenzidine | ug/L | ND | 1.0 | 0.81 | 06/18/24 11:36 | |
| 4,6-Dinitro-2-methylphenol | ug/L | ND | 2.5 | 1.7 | 06/18/24 11:36 | |
| 4-Bromophenylphenyl ether | ug/L | ND | 1.0 | 0.68 | 06/18/24 11:36 | |
| 4-Chlorophenylphenyl ether | ug/L | ND | 1.0 | 0.60 | 06/18/24 11:36 | |
| 4-Nitrophenol | ug/L | ND | 1.0 | 0.35 | 06/18/24 11:36 | |
| Acenaphthene | ug/L | ND | 1.0 | 0.60 | 06/18/24 11:36 | |
| Acenaphthylene | ug/L | ND | 1.0 | 0.64 | 06/18/24 11:36 | |
| Anthracene | ug/L | ND | 1.0 | 0.66 | 06/18/24 11:36 | |
| Benzidine | ug/L | ND | 15.0 | 4.4 | 06/18/24 11:36 | |
| Benzo(a)anthracene | ug/L | ND | 1.0 | 0.77 | 06/18/24 11:36 | |
| Benzo(a)pyrene | ug/L | ND | 1.0 | 0.76 | 06/18/24 11:36 | |
| Benzo(b)fluoranthene | ug/L | ND | 1.0 | 0.75 | 06/18/24 11:36 | |
| Benzo(g,h,i)perylene | ug/L | ND | 1.0 | 0.80 | 06/18/24 11:36 | |
| Benzo(k)fluoranthene | ug/L | ND | 1.0 | 0.72 | 06/18/24 11:36 | |
| bis(2-Chloroethoxy)methane | ug/L | ND | 1.0 | 0.58 | 06/18/24 11:36 | |
| bis(2-Chloroethyl) ether | ug/L | ND | 1.0 | 0.53 | 06/18/24 11:36 | |
| bis(2-Chloroisopropyl) ether | ug/L | ND | 1.0 | 0.62 | 06/18/24 11:36 | |
| bis(2-Ethylhexyl)phthalate | ug/L | ND | 2.5 | 1.5 | 06/18/24 11:36 | |
| Butylbenzylphthalate | ug/L | ND | 2.5 | 0.71 | 06/18/24 11:36 | |
| Chrysene | ug/L | ND | 1.0 | 0.80 | 06/18/24 11:36 | |
| Di-n-butylphthalate | ug/L | ND | 1.0 | 0.80 | 06/18/24 11:36 | |
| Di-n-octylphthalate | ug/L | ND | 2.5 | 1.1 | 06/18/24 11:36 | |
| Dibenz(a,h)anthracene | ug/L | ND | 1.0 | 0.76 | 06/18/24 11:36 | |
| Diethylphthalate | ug/L | ND | 1.0 | 0.64 | 06/18/24 11:36 | |
| Dimethylphthalate | ug/L | ND | 1.0 | 0.64 | 06/18/24 11:36 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

METHOD BLANK: 3292325 Matrix: Water
Associated Lab Samples: 30692377001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Fluoranthene | ug/L | ND | 1.0 | 0.71 | 06/18/24 11:36 | |
| Fluorene | ug/L | ND | 1.0 | 0.61 | 06/18/24 11:36 | |
| Hexachloro-1,3-butadiene | ug/L | ND | 1.0 | 0.60 | 06/18/24 11:36 | |
| Hexachlorobenzene | ug/L | ND | 1.0 | 0.68 | 06/18/24 11:36 | |
| Hexachlorocyclopentadiene | ug/L | ND | 1.0 | 0.57 | 06/18/24 11:36 | |
| Hexachloroethane | ug/L | ND | 1.0 | 0.57 | 06/18/24 11:36 | |
| Indeno(1,2,3-cd)pyrene | ug/L | ND | 1.0 | 0.70 | 06/18/24 11:36 | |
| Isophorone | ug/L | ND | 1.0 | 0.60 | 06/18/24 11:36 | |
| N-Nitroso-di-n-propylamine | ug/L | ND | 1.0 | 0.58 | 06/18/24 11:36 | |
| N-Nitrosodimethylamine | ug/L | ND | 1.0 | 0.34 | 06/18/24 11:36 | |
| N-Nitrosodiphenylamine | ug/L | ND | 1.0 | 0.68 | 06/18/24 11:36 | |
| Naphthalene | ug/L | ND | 2.5 | 0.67 | 06/18/24 11:36 | |
| Nitrobenzene | ug/L | ND | 1.0 | 0.59 | 06/18/24 11:36 | |
| Pentachlorophenol | ug/L | ND | 2.5 | 1.5 | 06/18/24 11:36 | |
| Phenanthrene | ug/L | ND | 1.0 | 0.66 | 06/18/24 11:36 | |
| Phenol | ug/L | ND | 1.0 | 0.25 | 06/18/24 11:36 | |
| Pyrene | ug/L | ND | 1.0 | 0.76 | 06/18/24 11:36 | |
| 2,4,6-Tribromophenol (S) | %. | 92 | 10-166 | | 06/18/24 11:36 | |
| 2-Fluorobiphenyl (S) | %. | 104 | 20-133 | | 06/18/24 11:36 | |
| 2-Fluorophenol (S) | %. | 69 | 10-95 | | 06/18/24 11:36 | |
| Nitrobenzene-d5 (S) | %. | 101 | 10-175 | | 06/18/24 11:36 | |
| Phenol-d6 (S) | %. | 46 | 10-63 | | 06/18/24 11:36 | |
| Terphenyl-d14 (S) | %. | 110 | 30-148 | | 06/18/24 11:36 | |

LABORATORY CONTROL SAMPLE: 3292326

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | 10 | 9.4 | 94 | 57-130 | |
| 1,2-Dichlorobenzene | ug/L | 10 | 9.5 | 95 | 64-105 | |
| 1,2-Diphenylhydrazine | ug/L | 10 | 10.1 | 101 | 73-117 | |
| 1,3-Dichlorobenzene | ug/L | 10 | 9.3 | 93 | 62-102 | |
| 1,4-Dichlorobenzene | ug/L | 10 | 9.4 | 94 | 63-103 | |
| 2,4,6-Trichlorophenol | ug/L | 10 | 11.1 | 111 | 52-129 | |
| 2,4-Dichlorophenol | ug/L | 10 | 10.1 | 101 | 53-122 | |
| 2,4-Dimethylphenol | ug/L | 10 | 11.1 | 111 | 42-120 | |
| 2,4-Dinitrophenol | ug/L | 10 | 7.2 | 72 | 10-173 | |
| 2,4-Dinitrotoluene | ug/L | 10 | 11.4 | 114 | 48-127 | |
| 2,6-Dinitrotoluene | ug/L | 10 | 10.9 | 109 | 68-137 | |
| 2-Chloronaphthalene | ug/L | 10 | 9.3 | 93 | 65-120 | |
| 2-Chlorophenol | ug/L | 10 | 9.9 | 99 | 36-120 | |
| 2-Nitrophenol | ug/L | 10 | 10.5 | 105 | 45-167 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 20 | 16.7 | 83 | 53-100 | |
| 3,3'-Dichlorobenzidine | ug/L | 10 | 12.6 | 126 | 8-213 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 10 | 9.9 | 99 | 53-130 | |

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## REPORT OF LABORATORY ANALYSIS

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**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

LABORATORY CONTROL SAMPLE: 3292326

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 4-Bromophenylphenyl ether | ug/L | 10 | 9.9 | 99 | 65-120 | |
| 4-Chlorophenylphenyl ether | ug/L | 10 | 10 | 100 | 38-145 | |
| 4-Nitrophenol | ug/L | 10 | 4.7 | 47 | 13-129 | |
| Acenaphthene | ug/L | 10 | 9.6 | 96 | 60-132 | |
| Acenaphthylene | ug/L | 10 | 10.1 | 101 | 54-126 | |
| Anthracene | ug/L | 10 | 10.0 | 100 | 43-120 | |
| Benzidine | ug/L | 10 | ND | 10 | 10-20 | |
| Benzo(a)anthracene | ug/L | 10 | 11.3 | 113 | 42-133 | |
| Benzo(a)pyrene | ug/L | 10 | 11.5 | 115 | 32-148 | |
| Benzo(b)fluoranthene | ug/L | 10 | 10.7 | 107 | 42-140 | |
| Benzo(g,h,i)perylene | ug/L | 10 | 10.1 | 101 | 10-195 | |
| Benzo(k)fluoranthene | ug/L | 10 | 10.9 | 109 | 25-146 | |
| bis(2-Chloroethoxy)methane | ug/L | 10 | 9.4 | 94 | 49-165 | |
| bis(2-Chloroethyl) ether | ug/L | 10 | 9.4 | 94 | 43-126 | |
| bis(2-Chloroisopropyl) ether | ug/L | 10 | 9.6 | 96 | 63-139 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 10 | 12.1 | 121 | 29-137 | |
| Butylbenzylphthalate | ug/L | 10 | 13.8 | 138 | 10-140 | |
| Chrysene | ug/L | 10 | 10.1 | 101 | 44-140 | |
| Di-n-butylphthalate | ug/L | 10 | 12.5 | 125 | 8-120 | L1 |
| Di-n-octylphthalate | ug/L | 10 | 12.5 | 125 | 19-132 | |
| Dibenz(a,h)anthracene | ug/L | 10 | 10.3 | 103 | 10-200 | |
| Diethylphthalate | ug/L | 10 | 10.3 | 103 | 10-120 | |
| Dimethylphthalate | ug/L | 10 | 10.2 | 102 | 10-120 | |
| Fluoranthene | ug/L | 10 | 10.9 | 109 | 43-121 | |
| Fluorene | ug/L | 10 | 9.6 | 96 | 70-120 | |
| Hexachloro-1,3-butadiene | ug/L | 10 | 8.8 | 88 | 38-120 | |
| Hexachlorobenzene | ug/L | 10 | 9.7 | 97 | 8-142 | |
| Hexachlorocyclopentadiene | ug/L | 10 | 10.4 | 104 | 55-128 | |
| Hexachloroethane | ug/L | 10 | 8.8 | 88 | 55-120 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 10 | 10.7 | 107 | 10-151 | |
| Isophorone | ug/L | 10 | 10.0 | 100 | 47-180 | |
| N-Nitroso-di-n-propylamine | ug/L | 10 | 10.3 | 103 | 14-198 | |
| N-Nitrosodimethylamine | ug/L | 10 | 5.9 | 59 | 35-71 | |
| N-Nitrosodiphenylamine | ug/L | 10 | 9.6 | 96 | 74-111 | |
| Naphthalene | ug/L | 10 | 9.1 | 91 | 36-120 | |
| Nitrobenzene | ug/L | 10 | 9.3 | 93 | 54-158 | |
| Pentachlorophenol | ug/L | 10 | 10.3 | 103 | 38-152 | |
| Phenanthrene | ug/L | 10 | 9.6 | 96 | 65-120 | |
| Phenol | ug/L | 10 | 4.0 | 40 | 17-120 | |
| Pyrene | ug/L | 10 | 10.6 | 106 | 70-120 | |
| 2,4,6-Tribromophenol (S) | %. | | | 105 | 10-166 | |
| 2-Fluorobiphenyl (S) | %. | | | 90 | 20-133 | |
| 2-Fluorophenol (S) | %. | | | 58 | 10-95 | |
| Nitrobenzene-d5 (S) | %. | | | 96 | 10-175 | |
| Phenol-d6 (S) | %. | | | 39 | 10-63 | |
| Terphenyl-d14 (S) | %. | | | 98 | 30-148 | |

**Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.**

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**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3292327 3292328

| Parameter | Units | 30692301001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | <590 | 100 | 100 | ND | ND | 86 | 90 | 44-142 | | 50 | |
| 1,2-Dichlorobenzene | ug/L | <597 | 100 | 100 | ND | ND | 80 | 80 | 40-97 | | 25 | |
| 1,2-Diphenylhydrazine | ug/L | <652 | 100 | 100 | ND | ND | 90 | 101 | 55-114 | | 25 | |
| 1,3-Dichlorobenzene | ug/L | <563 | 100 | 100 | ND | ND | 64 | 82 | 38-96 | | 25 | |
| 1,4-Dichlorobenzene | ug/L | <563 | 100 | 100 | ND | ND | 70 | 78 | 38-97 | | 25 | |
| 2,4,6-Trichlorophenol | ug/L | <593 | 100 | 100 | ND | ND | 86 | 88 | 37-144 | | 58 | |
| 2,4-Dichlorophenol | ug/L | <610 | 100 | 100 | ND | ND | 118 | 105 | 39-135 | | 50 | |
| 2,4-Dimethylphenol | ug/L | <644 | 100 | 100 | ND | ND | 143 | 116 | 32-120 | | 58 | MH |
| 2,4-Dinitrophenol | ug/L | <2390 | 100 | 100 | ND | ND | 0 | 0 | 10-191 | | 132 | ML |
| 2,4-Dinitrotoluene | ug/L | <465 | 100 | 100 | ND | ND | 0 | 0 | 39-139 | | 42 | ML |
| 2,6-Dinitrotoluene | ug/L | <552 | 100 | 100 | ND | ND | 150 | 205 | 50-158 | | 48 | MH |
| 2-Chloronaphthalene | ug/L | <659 | 100 | 100 | ND | ND | 0 | 0 | 60-120 | | 24 | ML |
| 2-Chlorophenol | ug/L | <586 | 100 | 100 | ND | ND | 82 | 111 | 23-134 | | 61 | |
| 2-Nitrophenol | ug/L | <674 | 100 | 100 | ND | ND | 144 | 164 | 29-182 | | 55 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | <887 | 200 | 200 | ND | ND | 93 | 106 | 18-110 | | 25 | |
| 3,3'-Dichlorobenzidine | ug/L | <810 | 100 | 100 | ND | ND | 86 | 82 | 10-262 | | 108 | |
| 4,6-Dinitro-2-methylphenol | ug/L | <1740 | 100 | 100 | ND | ND | 106 | 79 | 10-181 | | 203 | |
| 4-Bromophenylphenyl ether | ug/L | <675 | 100 | 100 | ND | ND | 81 | 87 | 53-127 | | 43 | |
| 4-Chlorophenylphenyl ether | ug/L | <598 | 100 | 100 | ND | ND | 104 | 112 | 25-158 | | 61 | |
| 4-Nitrophenol | ug/L | <353 | 100 | 100 | ND | ND | 0 | 0 | 10-132 | | 131 | ML |
| Acenaphthene | ug/L | <599 | 100 | 100 | ND | ND | 91 | 0 | 47-145 | | 48 | ML |
| Acenaphthylene | ug/L | <635 | 100 | 100 | ND | ND | 95 | 110 | 33-145 | | 74 | |
| Anthracene | ug/L | <655 | 100 | 100 | ND | ND | 94 | 98 | 27-133 | | 66 | |
| Benzidine | ug/L | <4420 | 100 | 100 | ND | ND | 0 | 0 | 10-175 | | 25 | ML |
| Benzo(a)anthracene | ug/L | <770 | 100 | 100 | ND | ND | 109 | 114 | 33-143 | | 53 | |
| Benzo(a)pyrene | ug/L | <759 | 100 | 100 | ND | ND | 110 | 102 | 17-163 | | 72 | |
| Benzo(b)fluoranthene | ug/L | <746 | 100 | 100 | ND | ND | 0 | 0 | 24-159 | | 71 | ML |
| Benzo(g,h,i)perylene | ug/L | <795 | 100 | 100 | ND | ND | 91 | 84 | 10-219 | | 97 | |
| Benzo(k)fluoranthene | ug/L | <716 | 100 | 100 | ND | ND | 0 | 0 | 11-162 | | 63 | ML |
| bis(2-Chloroethoxy)methane | ug/L | <580 | 100 | 100 | ND | ND | 91 | 110 | 33-184 | | 54 | |
| bis(2-Chloroethyl) ether | ug/L | <534 | 100 | 100 | ND | ND | 87 | 129 | 12-158 | | 108 | |
| bis(2-Chloroisopropyl) ether | ug/L | <624 | 100 | 100 | ND | ND | 0 | 0 | 36-166 | | 76 | ML |
| bis(2-Ethylhexyl)phthalate | ug/L | <1460 | 100 | 100 | ND | ND | 113 | 169 | 8-158 | | 82 | MH |
| Butylbenzylphthalate | ug/L | <709 | 100 | 100 | ND | ND | 667 | 676 | 10-152 | | 60 | MH |
| Chrysene | ug/L | <797 | 100 | 100 | ND | ND | 96 | 87 | 17-168 | | 87 | |
| Di-n-butylphthalate | ug/L | <804 | 100 | 100 | ND | ND | 153 | 0 | 1-120 | | 47 | MH,ML |
| Di-n-octylphthalate | ug/L | <1100 | 100 | 100 | ND | ND | 0 | 0 | 4-146 | | 69 | ML |
| Dibenz(a,h)anthracene | ug/L | <758 | 100 | 100 | ND | ND | 58 | 71 | 10-227 | | 126 | |
| Diethylphthalate | ug/L | <635 | 100 | 100 | ND | ND | 85 | 94 | 10-120 | | 100 | |
| Dimethylphthalate | ug/L | <635 | 100 | 100 | ND | ND | 0 | 0 | 10-120 | | 183 | ML |
| Fluoranthene | ug/L | <708 | 100 | 100 | ND | ND | 136 | 137 | 26-137 | | 66 | |
| Fluorene | ug/L | <612 | 100 | 100 | ND | ND | 79 | 91 | 59-121 | | 38 | |
| Hexachloro-1,3-butadiene | ug/L | <596 | 100 | 100 | ND | ND | 84 | 106 | 24-120 | | 62 | |
| Hexachlorobenzene | ug/L | <677 | 100 | 100 | ND | ND | 101 | 109 | 10-152 | | 55 | |

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16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30692377

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3292327 3292328

| Parameter | Units | 30692301001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorocyclopentadiene | ug/L | <570 | 100 | 100 | ND | ND | 104 | 122 | 10-124 | | 25 | |
| Hexachloroethane | ug/L | <571 | 100 | 100 | ND | ND | 79 | 96 | 40-120 | | 52 | |
| Indeno(1,2,3-cd)pyrene | ug/L | <697 | 100 | 100 | ND | ND | 79 | 86 | 10-171 | | 99 | |
| Isophorone | ug/L | <605 | 100 | 100 | ND | ND | 164 | 148 | 21-196 | | 93 | |
| N-Nitroso-di-n-propylamine | ug/L | <578 | 100 | 100 | ND | ND | 0 | 0 | 10-230 | | 87 | ML |
| N-Nitrosodimethylamine | ug/L | <340 | 100 | 100 | ND | ND | 74 | 0 | 10-83 | | 25 | ML |
| N-Nitrosodiphenylamine | ug/L | <681 | 100 | 100 | ND | ND | 115 | 84 | 10-175 | | 25 | |
| Naphthalene | ug/L | <666 | 100 | 100 | ND | ND | 101 | 94 | 21-133 | | 65 | |
| Nitrobenzene | ug/L | <588 | 100 | 100 | ND | ND | 0 | 99 | 35-180 | | 62 | ML |
| Pentachlorophenol | ug/L | <1520 | 100 | 100 | ND | ND | 101 | 109 | 14-176 | | 86 | |
| Phenanthrene | ug/L | <659 | 100 | 100 | ND | ND | 107 | 95 | 54-120 | | 39 | |
| Phenol | ug/L | <251 | 100 | 100 | ND | ND | 60 | 113 | 5-120 | | 64 | |
| Pyrene | ug/L | <755 | 100 | 100 | ND | ND | 105 | 127 | 52-120 | | 49 | MH |
| 2,4,6-Tribromophenol (S) | %. | | | | | | 114 | 86 | 10-166 | | | |
| 2-Fluorobiphenyl (S) | %. | | | | | | 95 | 78 | 20-133 | | | |
| 2-Fluorophenol (S) | %. | | | | | | 37 | 58 | 10-95 | | | |
| Nitrobenzene-d5 (S) | %. | | | | | | 0 | 0 | 10-175 | | | S4 |
| Phenol-d6 (S) | %. | | | | | | 0 | 0 | 10-63 | | | S4 |
| Terphenyl-d14 (S) | %. | | | | | | 129 | 123 | 30-148 | | | |

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(304)241-5861

# QUALIFIERS

Project: PERMIT RENEWAL
Pace Project No.: 30692377

## DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

## BATCH QUALIFIERS

Batch: 676106

| | |
|---|---|
| [1] | A matrix spike/matrix spike duplicate was not performed for this batch due to laboratory error. |

## ANALYTE QUALIFIERS

| | |
|---|---|
| 1c | A matrix spike/matrix spike duplicate was not performed for this batch due to laboratory error. |
| B | Analyte was detected in the associated method blank. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| L2 | Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low. |
| LS | Analyte recovery in the laboratory control sample (LCS) was outside QC limits for one or more of the constituent analytes used in the calculated result. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| MH | Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high. |
| ML | Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |
| R1 | RPD value was outside control limits. |
| S0 | Surrogate recovery outside laboratory control limits. |
| S4 | Surrogate recovery not evaluated against control limits due to sample dilution. |



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Morgantown, WV 26501
(304)241-5861

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PERMIT RENEWAL
Pace Project No.: 30692377

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| **30692377001** | **COMP** | EPA 200.2 | 676745 | EPA 200.7 | 677364 |
| **30692377001** | **COMP** | EPA 245.1 | 675874 | EPA 245.1 | 676117 |
| **30692377002** | **GRAB** | EPA 1664A | 677584 | | |
| **30692377001** | **COMP** | SM 2540C-2015 | 677060 | | |
| **30692377002** | **GRAB** | EPA 335.4, Rev 1.0 | 676617 | EPA 335.4, Rev 1.0 | 677480 |
| **30692377001** | **COMP** | EPA 351.2, Rev 2.0 | 676453 | EPA 351.2, Rev 2.0 | 676734 |
| **30692377002** | **GRAB** | EPA 420.1 | 677833 | EPA 420.1 | 678196 |
| **30692377001** | **COMP** | EPA 625.1 Dec 2016 | 676143 | EPA 625.1 Dec 2016 | 676363 |
| **30692377002** | **GRAB** | EPA 624.1 Dec 2016 | 676106 | | |
| **30692377003** | **Trip Blank** | EPA 624.1 Dec 2016 | 676106 | | |



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Pace® Location Requested (City/State):
Pace Analytical Beaver
225 Industrial Park Drive, Beaver, WV 25813

# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here

**WO# : 30692377**

30692377

| | | | |
|---|---|---|---|
| Company Name: | City of Clarksburg WWTP | Contact/Report To: | Kelly Lanza |
| Street Address: | Municipal Building, Clarksburg, WV 26301 | Phone #: | |
| | | E-Mail: | klanza@cityofclarksburgwv.com |
| | | Cc E-Mail: | deddy@cityofclarksburgwv.com |
| Customer Project #: | | | |
| Project Name: | PERMIT RENEWAL | Invoice To: | Kelly Lanza |
| | | Invoice E-Mail: | klanza@cityofclarksburgwv.com |
| Site Collection Info/Facility ID (as applicable): | | Purchase Order # (if applicable): | 73-100483 |
| | | Quote #: | |
| Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET | | County / State origin of sample(s): | West Virginia |
| Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other | Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No | | |
| | Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____ | DW PWSID # or WW Permit # as applicable: | |
| | Date Results Requested: | Field Filtered (if applicable): [ ] Yes [ ] No | Analysis: |

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Composite Start Date | Composite Start Time | Collected or Composite End Date | Collected or Composite End Time | # Cont. | Res. Chlorine Results | Res. Chlorine Units | 335.4 BVR Cyanide, Total | 624.1 Volatile Organics | 625.1 Reduced Volume | BVR 1664 SGT-HEM, TPH | BVR 200.7 Metals Total; BVR 245.1 Mercury | BVR 2540C Total Dissol. Solids | BVR 351.2 Total Kjeldahl Nitro; BVR 4500PB Total P | BVR Phenolic Total Recoverable | | | Sample Comment | Preservation non-conformance identified for sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COMP | WT | Comp | 6/12/24 | 7:00AM | 6/13/24 | 7:00AM | | | | | | X | | X | X | X | | | | | |
| GRAB | WT | Grab | | | 6/13/24 | 7:0AM | | | | X | X | | X | | | | X | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | |

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Heather Godbey**

AcctNum / Client ID:

Table #:

Profile / Template: **21100**

Prelog / Bottle Ord. ID: **EZ 3058002**

NON-CONFORMANCE
# of cont. and preservative Types not Filled out

Additional Instructions from Pace®:

Collected By: (Printed Name) Chad Marsh

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

| # Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice: |
|---|---|---|---|---|---|
| | | | | | |

| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: | Tracking Number: |
|---|---|---|---|---|
| | 6.13.24 10:53AM | | 6.13.24 10:53 | |
| | 6.13.24 1600 | TB | 6 13 24 1600 | Delivered by: [ ] In- Person [ ] Courier |
| TB | 6 13 24 1800 | | 6/13/24 1800 | [ ] FedEx [ ] UPS [ ] Other |
| | | | | Page: 1 of 1 |

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

**WO# : 30692377**

PM: HMG Due Date: 06/28/24
CLIENT: MW-CLARKSBU



## LIMS30 Lab Sample Condition Upon Receipt (West Virginia)

**Courier:** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ 3rd Party Courier ☑ Pace ☐ Other _____

**Tracking #:** _____

**Custody Seal on Cooler/Box/Containers Present:** ☐ yes ☑ no Seals intact: ☐ yes ☑ no

**Thermometer Used** M30 **Type of Ice:** (Wet) Blue None

**Cooler Temperature** **Observed Temp** 2.4 °C Correction Factor: 0 °C Final Temp: 2.4 °C

**Thermal Preservation Requirement Met** Yes ☑ No ☐

| pH paper Lot# | Date and Initials of person examining contents: |
|---|---|
| 226322 | JC 6-13-24 |

| | Yes | No | N/A | |
|---|---|---|---|---|
| Chain of Custody Present: | ✓ | | | 1. |
| Chain of Custody Filled Out: | | ✓ | | 2. |
| Chain of Custody Relinquished: | ✓ | | | 3. |
| Sampler Name & Signature on COC: | ✓ | | | 4. |
| Sample Labels match COC: -Includes date/time/ID Matrix: WT | ✓ | | | 5. |
| Samples Arrived within Hold Time: | ✓ | | | 6. |
| **Short Hold Time Analysis (<72hr remaining):** | ✓ | | | 7. |
| **Rush Turn Around Time Requested:** | | ✓ | | 8. |
| Sufficient Volume: | ✓ | | | 9. |
| Correct Containers Used: | ✓ | | | 10. |
| -Pace Containers Used: | ✓ | | | |
| Containers Intact: | ✓ | | | 11. |
| Orthophosphate field filtered: | | | ✓ | 12. |
| Hex Cr Aqueous sample field filtered: | | | ✓ | 13. |
| -pH adjusted within 24 hours? (If yes, indicate acid lot #) | | | ✓ | |
| Filtered volume received for Dissolved tests: | | | ✓ | 14. |
| All containers have been checked for chemical preservation: exceptions: VOA, coliform, O&G, LLMercury, Non-aqueous matrix | ✓ | | | 15. |
| All containers meet method/chemical preservation requirements: | ✓ | | | Initial when completed JC Date: 6-13-24 |
| | | | | Tests not preserved: |
| Headspace in VOA Vials: | | | ✓ | 16. |
| Trip Blank Present: | | | ✓ | 17. |
| | | | | Initial when completed: JC Date: 6-13-24 |

Comments: _____

***PM review** is documented electronically in LIMS, when the Project Manager closes the SRF Review schedule in LIMS. The status may be reviewed in the Status section of the Workorder Edit Screen.

**Pace Altoona**
2019 Ninth Avenue
Altoona, PA 16602
(814) 946-4306

EPA Lab ID: PA01737

NELAP
PA 07-00062
VA 460212

State Certifications:
MD 275
WV WW/SCM 364
WV DW 9963 CM

**Pace DuBois**
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DuBois, PA 15801
(814) 371-6030

EPA Lab ID: PA01735

PA DEP Chapter 252
PA 33-00258

**Pace Erie**
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Erie, PA 16510
(814) 315-4343

EPA Lab ID: PA01736

NELAP
PA 25-05907
NY 12175

**Pace Wysox**
1851 Golden Mile Road
Wysox, PA 18854
(570) 265-5040

EPA Lab ID: PA01733

NELAP
PA 08-05622
NY 12127

Pace Analytical Services Inc. Beaver, WV
225 Industrial Park Road
Beaver, WV 25813

Project: General

Project Number: 30692377

Project Manager: Heather Godbey

**Reported:**
07/01/24 11:22

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Sample Type | Date Sampled | Date Received |
|---|---|---|---|---|---|
| COMP 30692377001 | AYF3799-01 | Water | Composite | 06/13/24 07:00 | 06/18/24 12:00 |

AYF3799 Corrected Work Order number and PM name. This report replaces the report issued on 06/27/24 at 1524.
07/01/24 rb

**Client Sample ID:** **COMP 30692377001**

**Date/Time Sampled:** 06/13/24 07:00

**Date/Time Received:** 06/18/24 12:00

**Laboratory Sample ID:** **AYF3799-01 (Water/Composite)**

| Analyte | Result | MDL | RL | Units | Date / Time Analyzed | Analytical Method | * Analyst | Note |
|---|---|---|---|---|---|---|---|---|
| **Conventional Chemistry Parameters by SM/EPA Methods** | | | | | | | | |
| **Phosphorus** | 0.470 | 0.0143 | 0.0200 | mg/l | 06/26/24 11:43 | EPA 365.3 | jei | |

Pace Analytical Services, LLC

Reviewed and Submitted by:

Ron Bollman

Project Manager

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**Notes**

U Analysis has been reported to the Method Detection Limit (MDL). All reported result values that are less than the Reporting Limit (RL) are considered estimated values.



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07/01/24 11:22

**Definitions:**

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

\+ MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Unless otherwise noted, all results for solids are reported on a dry weight basis.

Samples collected by Pace Labs' personnel are done so in accordance with Standard Operating Procedures established by Pace Labs.

\# The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory; and should be considered as analyzed outside the EPA holding time.

^ The following analytes are to be filtered immediately upon sampling: Hexavalent Chromium. Filtration through a 0.45 micron filter within 15 minutes of sampling is required for compliance with the Clean Water Act (CWA) for reporting of hexavalent chromium to prevent interconversion of chromium species.

* **Analysis location indicator:**
**D**: Indicates analysis performed by Pace Analytical Laboratories, LLC, 40 Hoover Ave., DuBois, PA 15801. PA DEP Chapter 252 certification: PA 33-00258.
**E**: Indicates analysis performed by Pace Analytical Laboratories, LLC, 1920 East 38th Street, Erie, PA 16510. NELAP certification: PA 25-05907.
**W**: Indicates analysis performed by Pace Analytical Laboratories, LLC, 1851 Golden Mile Rd., Wysox, PA 18854. NELAP certification: PA 08-05622 and NY 12127.

< Represents "less than" - indicates that the result was less than the RL, or the MDL if indicated for the parameter.

MDL Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values. If Radiological results are reported, the MDC - Minimum Detectable Concentration is shown in the MDL column.



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225 Industrial Park Road
Beaver, WV 25813

Project: General

Project Number: 30692377

**Reported:**

Project Manager: Heather Godbey

07/01/24 11:22

**Definitions Continued:**

| | |
|---|---|
| RL | Reporting Limit - is the lowest or minimum level at which the analyte can be quantified. |
| [CALC] | Indicates a calculated result. Calculations use results from other analyses performed under accredited methods. |
| ND | Non Detect. The noted analyte was not detected in the sample. |

**(-) Method Revision Indicator - West Virginia Samples**

CALC- : Indicates analysis by SM2340 B-2011. This method appears on the WV DEP List of Certified Parameters but the PA DEP does not offer accreditation for this method.
EPA 8270D - : Indicates that samples collected in West Virginia are analyzed by Method SW 8270E.
EPA 8260B - : Indicates that samples collected in West Virginia are analyzed by Method SW 8260D.
EPA 8015D - : Indicates that samples collected in West Virginia are analyzed by Method SW 8015C.
EPA 1010 - : Indicates that samples collected in West Virginia are analyzed by Method SW 1010B.
EPA 6010B - : Indicates that samples collected in West Virginia are analyzed by Method SW 6010D.



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**Reported:**

Project Manager: Heather Godbey

07/01/24 11:22

**Terms & Conditions**

**Services provided by Pace Analyitcal Services, LLC are limited to the terms and conditions stated herein, unless otherwise agreed to in a formal contract.**

**CHAIN OF CUSTODY** Pace Analytical Services, LLC ("Pace," "us" or "we") will provide, upon client request, chain of custody forms for use.

**CONFIDENTIALITY** Pace maintains confidentiality in all of our client interactions. The client's consent will be required before releasing information about the services provided.

**CONTRACTS** All contracts are subject to review and approval by Pace's legal council. Each contract must be signed by a corporate officer.

**PAYMENT/BILLING** Unless otherwise set forth in a signed contract or purchase order, terms of payment are "NET 30 Days." The time allowed for payment shall begin based on the invoice date. A 1.5% per month service charge may be added to all unpaid balances beyond the initial 30 days. In its sole discretion, Pace reserves the right to request payment before services and hold sample results for payment of due balances. We will not bill a third party without prior agreement among all parties acknowledging and accepting responsibility for payment.

**SAMPLE COLLECTION AND SUBMISSION** Clients not requesting collection services from Pace are responsible for proper collection, preservation, packaging, and delivery of samples to the laboratory in accordance with current law and commercial practice. Pace shall have no responsibility for sample integrity prior to the receipt of the sample (s) and/or for any inaccuracy in test or analyses results as a result of the failure of the client or any third party to maintain the integrity of samples prior to delivery to Pace. All samples submitted must be accompanied by a completed chain of custody or similar document clearly noting the requested analyses, dates/time sampled, client contact information, and trail of custody. Samples received at the laboratory after business hours are verified on the next business day. Discrepancies are documented on the Receiving Document.

**SUBCONTRACTING** Some analyses may require subcontracting to another laboratory. Unless the client indicates otherwise, this decision will be made by Pace. Subcontracted work will be identified on the final report in accordance with NELAC requirements.

**RETURN OF RESULTS** Pace routinely provides faxed or verbal results within 10 working days of receipt of sample(s) and a hard copy of the data results is routinely received via US Postal Service within 15 working days. At the request of the client, Pace may offer expedited return of sample results. Surcharges may apply to rush requests. All rush requests must be pre-approved by Pace. We reserve the right to charge an archive retrieval fee for results older than one (1) year from the date of the request. All records will be maintained by Pace for 5 years, after which, they will be destroyed.

**SAMPLE DISPOSAL** Pace will maintain samples for four (4) weeks after the sample receipt date. Pace will dispose of samples which are not and/or do not contain hazardous wastes (as such term is defined by applicable federal or state law), unless prior arrangements have been made for long-term storage. Pace reserves the right to charge a disposal fee for the proper disposal of samples found or suspected to contain hazardous waste. A return shipping charge will be invoiced for samples returned to the client at their request.

**HAZARD COMMUNICATION** The client has the responsibility to inform the laboratory of any hazardous characteristics known or suspected about the sample, and to provide information on hazard prevention and personal protection as necessary or otherwise required by applicable law.

**WARRANTY AND LIMITATION OF LIABILITY** For services rendered, Pace warrants that it will apply its best scientific knowledge and judgment and to employ its best level of effort consistent with professional standards within the environmental testing industry in performing the analytical services requested by its clients. We disclaim any other warranties, expressed or implied by law. Pace does not accept any legal responsibility for the purposes for which client uses the test results.

**LITIGATION** All costs associated with compliance to any subpoena for documents, for testimony in a court of law, or for any other purpose relating to work performed by Pace Analyitcal Services, LLC shall be invoiced by Pace and paid by client. These costs shall include, but are not limited to, hourly charges for the persons involved, travel, mileage, and accommodations and for any and all other expenses associated with said litigation.

225 Industrial Park RD
Beaver, WV 25813
Phone (800)999-0105
Email: heather.godbey@pacelabs.com

P.O.:

**Send Invoice To:** invoices@pacelabs.coupahost.com
**State of Sample Origin:** WV

| Item | Sample ID | Collect Date/Time | Lab ID | Matrix | Preserved Containers: H2SO4 | | | | | | PHOSPHORUS | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | COMP | 6/13/2024 07:00 | 30692377001 | Water | 1 | | | | | | X | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | |

| Transfers | Released By | Date/Time | Received By | Date/Time |
|---|---|---|---|---|
| 1 | 6-17-24 | 1330 | | 6/18/24 |
| 2 | | | | 12:00 |
| 3 | | | | |

SAMPLER CM

Cooler Temperature on Receipt ____ °C | Custody Seal Y or N | Received on Ice Y or N | S

Site Collection Info/Facility ID (as applicable):

Purchase Order # (if applicable): 73-100483

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): West Virginia

Data Deliverables:

[ ] Level II [ ] Level III [ ] Level IV

[ ] EQUIS

[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):

[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Composite Start Date | Composite Start Time | Collected or Composite End Date | Collected or Composite End Time | # Cont. | Res. Chlorine Results | Res. Chlorine Units | Analysis Requested: 335.4 BVR Cyanide, Total | 624.1 Volatile Organics | 625.1 Reduced Volume | BVR 1664 SGT-HEM, TPH | BVR 200.7 Metals Total; BVR 245.1 Mercury | BVR 2540C Total Dissol. Solids | BVR 351.2 Total Kjeldahl Nitro; BVR 4500PB Total P | BVR Phenolic Total Recoverable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COMP | WT | Comp | 6/12/24 | 7:00am | 6/13/24 | 7:00am | | | | | | X | | X | X | X | |
| GRAB | WT | Grab | 6/13/24 | 7:00am | | | | | | X | X | | X | | | | X |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Additional Instructions from Pace®:

Collected By: (Printed Name) Chad Mace

Signature:

Customer Remarks / Special Conditions / Possible Hazards

# Coolers: Thermometer ID: Correction Factor

| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
|---|---|---|---|
| | 6.13.24 10:57am | 6.13.24 | 10:57 |
| 6 | 6/13/24 1600 | TD | 6/13/24 1600 |
| 6/13 | 22 1800 | 6-13-24 | 1800 |
| | | | |

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

3 OF 4 AYF 3799

DC#_Title: ENV-FRM-BEAV-0058 v03_Pace WV Sample Condition Upon Receipt (SCU
Effective Date: 2/8/2023

**WO# : 30692377**

PM: HMG Due Date: 06/28/24
CLIENT: MW-CLARKSBU

## LIMS30 Lab Sample Condition Upon Receipt (West Virginia)

**Courier:** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ 3rd Party Courier ☑ Pace ☐ Other _____

**Tracking #:** _____

**Custody Seal on Cooler/Box/Containers Present:** ☐ yes ☑ no Seals intact: ☐ yes ☑ no

**Thermometer Used** M30 **Type of Ice:** (Wet) Blue None

**Cooler Temperature** **Observed Temp** 2.4 °C Correction Factor: 0 °C Final Temp: 2.4 °C

**Thermal Preservation Requirement Met** Yes ☑ No ☐

| pH paper Lot# | Date and Initials of person examining contents: |
|---|---|
| 226322 | JC 6-13-24 |

| | Yes | No | N/A | |
|---|---|---|---|---|
| Chain of Custody Present: | ✓ | | ✓ | 1. |
| Chain of Custody Filled Out: | | ✓ | | 2. |
| Chain of Custody Relinquished: | ✓ | | | 3. |
| Sampler Name & Signature on COC: | ✓ | | | 4. |
| Sample Labels match COC: -Includes date/time/ID Matrix: WT | ✓ | | | 5. |
| Samples Arrived within Hold Time: | ✓ | | | 6. |
| **Short Hold Time Analysis (<72hr remaining):** | ✓ | | ✓ | 7. |
| **Rush Turn Around Time Requested:** | | ✓ | | 8. |
| Sufficient Volume: | ✓ | | | 9. |
| Correct Containers Used: | ✓ | | | 10. |
| -Pace Containers Used: | ✓ | | | |
| Containers Intact: | ✓ | | | 11. |
| Orthophosphate field filtered: | | | ✓ | 12. |
| Hex Cr Aqueous sample field filtered: | | | ✓ | 13. |
| -pH adjusted within 24 hours? (If yes, indicate acid lot #) | | | ✓ | |
| Filtered volume received for Dissolved tests: | | | ✓ | 14. |
| All containers have been checked for chemical preservation: exceptions: VOA, coliform, O&G, LLMercury, Non-aqueous matrix | ✓ | | | 15. |
| All containers meet method/chemical preservation requirements: | ✓ | | | Initial when completed JC Date: 6-13-24 |
| | | | | Tests not preserved: |
| Headspace in VOA Vials: | | | ✓ | 16. |
| Trip Blank Present: | | | ✓ | 17. |
| | | | | Initial when completed: JC Date: 6-13-24 |

Comments: _____

*PM review is documented electronically in LIMS, when the Project Manager closes the SRF Review schedule in LIMS. The status may be reviewed in the Status section of the Workorder Edit Screen.

## SAMPLE CONDITION UPON RECEIPT (SCUR)

| | | | |
|---|---|---|---|
| CLIENT Pace | | WORK ORDER AYP3797 | PAGE 4 OF 4 |
| DATE 06/18/24 | TIME 14:00 | | |
| INITIALS KF | | | |
| RECEIVED TEMP ( C°) 0 | | WERE TEMPS ACCEPTABLE BASED ON SAMPLE DATE/TIME? (Y) N | IF NO, EXPLAIN: CLIENT NOTIFICATION REQUIRED |
| RECEIVED ON ICE? (Y) N | | | |
| AM TEMP GUN ID RGL6 | | | |
| AM TEMP <6°C (Y) N NA | | WATER TEMPS SHOULD BE ABOVE FREEZING TO 6.0°C ~FOR PA SAMPLES: >6°C OK WHEN COLLECTED SAME CALENDAR DAY AS RECEIPT, WHEN ON ICE, WITH EVIDENCE OF COOLING~ | |
| CUSTODY SEALS? Y N (NA) | | | |
| SEALS INTACT? Y N (NA) | | | |

## CHAIN OF CUSTODY (COC)

| | | | |
|---|---|---|---|
| DID COC ACCOMPANY SAMPLES? (Y) N | | SAMPLE LOCATION/DESCRIPTION/ID? (Y) N | |
| IF NO TO ANY QUESTION, COC IS INCOMPLETE AND REQUIRES ATTENTION! | | NAME or INITIALS of SAMPLE COLLECTOR? (Y) N | |
| | | COMPLETE DATES/TIMES ? (Y) N | |
| IF PWS, DOES COC CONTAIN: | | GRAB/COMPOSITE NOTED? (Y) N | |
| 7-DIGIT PWS ID? Y N | | RELINQUISHED SIGNATURE? (Y) N | |
| PWS SAMPLE ID? Y N | | RECEIVED SIGNATURE? (Y) N | |
| CONTACT NAME? Y N ON RECORD | | #NUMBER OF CONTAINERS PER SAMPLE? (Y) N | |
| CONTACT NUMBER? Y N ON RECORD | | #PRESERVATION TYPE(S)? (Y) N | |
| IS SAMPLE REPORTABLE? Y N | | # If the COC does not list the containers/preservative received for each sample, fill out page 2 of this document. If page 2 is not required, it will not be included as part of the sample record. | |
| 7-DIGIT PWS ID & PWS SAMPLE ID MUST BE RECORDED ON COC | | | |

## BOTTLEWARE & PRESERVATION

| | | | |
|---|---|---|---|
| SAMPLE BOTTLES INTACT? (Y) N | IF NO, EXPLAIN: | | |
| SAMPLE LABELS MATCH COC? (ID, DATE, TIME) (Y) N | IF NO, EXPLAIN: | | |
| CORRECT CONTAINERS? (Y) N | IF NO, EXPLAIN: | | |
| ADEQUATE VOLUME OF SAMPLE PROVIDED? (Y) N | IF NO, EXPLAIN: | | |
| HEADSPACE? Y N (NA) Volatilies, Odor, Ignitability, Sulfide | FIELD FILTERED? Y N (NA) Dissolved Analyses, Hex Cr, Ortho-Phos | TRIP BLANKS? Y N (NA) Required for 524.2 Volatiles, EDB/DBCP | |
| ALL CONTAINER PRESERVATION MEETS REQUIREMENTS? (Y) N NA | IF NO, EXPLAIN: | | |
| PRESERVATION CHECKED | DATE 06/18/24 | TIME 12:45 | INITIALS KD |
| PRESERVATION ADDED | ____ mL Added DATE | TIME | INITIALS |

| PRESERVATIVE: | ELEMENT ID: | pH STRIPS ELEMENT ID | SAMPLES LABELED BY | DATE 06-18-24 |
|---|---|---|---|---|
| | | 463106 06 | INITIALS [illegible] | TIME 1602 |

## CLIENT NOTIFICATION

FILL OUT THE FOLLOWING:

| | |
|---|---|
| DATE/TIME | REASON FOR CONTACT |
| PAS-ALTOONA EMPLOYEE | OUTCOME OF DISCUSSION |
| PERSON CONTACTED | ADDITIONAL NOTES |
| CIRCLE METHOD PHONE / EMAIL / OTHER | Tracking UPS 1Z26K7131394358103 |

**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

October 22, 2024

Ms. Kelly Lanza
City of Clarksburg - Wastewater
Municipal Building
222 West Main Street
Clarksburg, WV 26301

RE: Project: PERMIT RENEWAL
Pace Project No.: 30725488

Dear Ms. Lanza:

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Beaver
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Heather Godbey

Heather M. Godbey
heather.godbey@pacelabs.com
(800)999-0105
Project Manager

Enclosures

cc: James Demaria, CITY OF CLARKSBURG WWTP

**REPORT OF LABORATORY ANALYSIS**

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## CERTIFICATIONS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Pace Analytical Services Pennsylvania**
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
ANABISO/IEC 17025:2017 Rad Cert#: L24170
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 2950
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA010
Louisiana DEQ/TNI Certification #: 04086
Maine Certification #: 2023021
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572023-03
New Hampshire/TNI Certification #: 297622
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-015
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN02867
Texas/TNI Certification #: T104704188-22-18
Utah/TNI Certification #: PA014572223-14
USDA Soil Permit #: 525-23-67-77263
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad

**Pace Analytical Services Beaver**
225 Industrial Park Road, Beaver, WV 25813
Virginia VELAP 460148
West Virginia DEP 060
West Virginia DHHR 00412CM
North Carolina DEQ 466
Kentucky Wastewater Certification KY90039
Pennsylvania DEP 68-00839



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## SAMPLE SUMMARY

Project: PERMIT RENEWAL
Pace Project No.: 30725488

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|---|---|---|---|---|
| **30725488001** | **COMP** | Water | 10/10/24 07:00 | 10/10/24 17:30 |
| **30725488002** | **GRAB** | Water | 10/10/24 07:00 | 10/10/24 17:30 |
| **30725488003** | **TRIP BLANK** | Water | 10/10/24 00:00 | 10/10/24 17:30 |
| **30725488004** | **GRAB** | Water | 10/10/24 07:00 | 10/10/24 17:30 |



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## SAMPLE ANALYTE COUNT

Project: PERMIT RENEWAL
Pace Project No.: 30725488

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|---|---|---|---|---|---|
| **30725488001** | **COMP** | EPA 200.7 | MEH | 13 | PASI-BV |
| | | EPA 245.1 | JLH1 | 1 | PASI-BV |
| | | SM 2540C-2015 | LPF | 1 | PASI-BV |
| | | EPA 351.2, Rev 2.0 | CJD | 1 | PASI-BV |
| | | SM 4500-P-E-11 | SAM1 | 1 | PASI-BV |
| | | 10-107-04-1-C | JWH | 1 | PASI-BV |
| | | EPA 625.1 Dec 2016 | EAC | 63 | PASI-PA |
| **30725488002** | **GRAB** | EPA 1664A | SMS | 1 | PASI-BV |
| | | EPA 335.4, Rev 1.0 | CJD | 1 | PASI-BV |
| | | EPA 420.1 | SAM1 | 1 | PASI-BV |
| | | EPA 624.1 Dec 2016 | EAB | 53 | PASI-PA |
| **30725488003** | **TRIP BLANK** | EPA 624.1 Dec 2016 | EAB | 53 | PASI-PA |

PASI-BV = Pace Analytical Services - Beaver
PASI-PA = Pace Analytical Services - Greensburg

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# ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Sample: COMP** **Lab ID: 30725488001** Collected: 10/10/24 07:00 Received: 10/10/24 17:30 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **BVR 200.7 Metals Total** | Analytical Method: EPA 200.7 Preparation Method: EPA 200.2 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Antimony | ND | ug/L | 20.0 | 4.2 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-36-0 | |
| Arsenic | ND | mg/L | 0.020 | 0.0066 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-38-2 | |
| Beryllium | ND | ug/L | 1.0 | 0.29 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-41-7 | |
| Cadmium | ND | mg/L | 0.0020 | 0.00025 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-43-9 | |
| Chromium | ND | mg/L | 0.0050 | 0.0016 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-47-3 | |
| Copper | ND | mg/L | 0.0050 | 0.0035 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-50-8 | |
| Lead | ND | mg/L | 0.010 | 0.0034 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7439-92-1 | |
| Nickel | ND | mg/L | 0.0050 | 0.0016 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-02-0 | |
| Selenium | ND | ug/L | 20.0 | 4.7 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7782-49-2 | |
| Silver | ND | mg/L | 0.0050 | 0.0022 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-22-4 | |
| Thallium | ND | ug/L | 10.0 | 3.4 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-28-0 | |
| Total Hardness | **228000** | ug/L | 3310 | 415 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | | |
| Zinc | **0.022** | mg/L | 0.020 | 0.0084 | 1 | 10/16/24 03:20 | 10/16/24 18:30 | 7440-66-6 | |
| **BVR 245.1 Mercury** | Analytical Method: EPA 245.1 Preparation Method: EPA 245.1 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Mercury | ND | ug/L | 0.20 | 0.16 | 1 | 10/14/24 03:50 | 10/16/24 10:44 | 7439-97-6 | |
| **BVR 2540C Total Dissol. Solids** | Analytical Method: SM 2540C-2015 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Total Dissolved Solids | **440** | mg/L | 10.0 | 5.0 | 1 | | 10/15/24 16:13 | | |
| **BVR 351.2 Total Kjeldahl Nitro** | Analytical Method: EPA 351.2, Rev 2.0 Preparation Method: EPA 351.2, Rev 2.0 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Nitrogen, Kjeldahl, Total | **0.94** | mg/L | 0.50 | 0.32 | 1 | 10/11/24 08:41 | 10/11/24 21:47 | 7727-37-9 | |
| **BVR 4500PB Total Phosphorus** | Analytical Method: SM 4500-P-E-11 Preparation Method: SM 4500-P-B-11 | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Phosphorus | **0.44** | mg/L | 0.050 | 0.010 | 1 | 10/15/24 12:31 | 10/15/24 12:56 | 7723-14-0 | |
| **10-107-04-1-C NO2/NO3 Pres.** | Analytical Method: 10-107-04-1-C | | | | | | | | |
| | Pace Analytical Services - Beaver | | | | | | | | |
| Nitrogen, NO2 plus NO3 | **7.4** | mg/L | 1.0 | 0.26 | 10 | | 10/14/24 14:01 | | |
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| Acenaphthene | ND | ug/L | 0.99 | 0.59 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 83-32-9 | 1c |
| Acenaphthylene | ND | ug/L | 0.99 | 0.63 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 208-96-8 | 1c |
| Anthracene | ND | ug/L | 0.99 | 0.65 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 120-12-7 | 1c |
| Benzidine | ND | ug/L | 14.9 | 4.4 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 92-87-5 | 1c,L2 |
| Benzo(a)anthracene | ND | ug/L | 0.99 | 0.76 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 56-55-3 | 1c |
| Benzo(a)pyrene | ND | ug/L | 0.99 | 0.75 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 50-32-8 | 1c |
| Benzo(b)fluoranthene | ND | ug/L | 0.99 | 0.74 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 205-99-2 | 1c |
| Benzo(g,h,i)perylene | ND | ug/L | 0.99 | 0.79 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 191-24-2 | 1c |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Sample: COMP** **Lab ID: 30725488001** Collected: 10/10/24 07:00 Received: 10/10/24 17:30 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| Benzo(k)fluoranthene | ND | ug/L | 0.99 | 0.71 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 207-08-9 | 1c |
| 4-Bromophenylphenyl ether | ND | ug/L | 0.99 | 0.67 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 101-55-3 | 1c |
| Butylbenzylphthalate | ND | ug/L | 2.5 | 0.70 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 85-68-7 | 1c |
| bis(2-Chloroethoxy)methane | ND | ug/L | 0.99 | 0.57 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 111-91-1 | 1c |
| bis(2-Chloroethyl) ether | ND | ug/L | 0.99 | 0.53 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 111-44-4 | 1c |
| bis(2-Chloroisopropyl) ether | ND | ug/L | 0.99 | 0.62 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 108-60-1 | 1c |
| 2-Chloronaphthalene | ND | ug/L | 0.99 | 0.65 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 91-58-7 | 1c |
| 2-Chlorophenol | ND | ug/L | 0.99 | 0.58 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 95-57-8 | 1c |
| 4-Chlorophenylphenyl ether | ND | ug/L | 0.99 | 0.59 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 7005-72-3 | 1c |
| Chrysene | ND | ug/L | 0.99 | 0.79 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 218-01-9 | 1c |
| Dibenz(a,h)anthracene | ND | ug/L | 0.99 | 0.75 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 53-70-3 | 1c |
| 1,2-Dichlorobenzene | ND | ug/L | 0.99 | 0.59 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 95-50-1 | 1c |
| 1,3-Dichlorobenzene | ND | ug/L | 0.99 | 0.56 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 541-73-1 | 1c |
| 1,4-Dichlorobenzene | ND | ug/L | 0.99 | 0.56 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 106-46-7 | 1c |
| 3,3'-Dichlorobenzidine | ND | ug/L | 0.99 | 0.80 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 91-94-1 | 1c |
| 2,4-Dichlorophenol | ND | ug/L | 0.99 | 0.60 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 120-83-2 | 1c |
| Diethylphthalate | ND | ug/L | 0.99 | 0.63 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 84-66-2 | 1c |
| 2,4-Dimethylphenol | ND | ug/L | 0.99 | 0.64 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 105-67-9 | 1c |
| Dimethylphthalate | ND | ug/L | 0.99 | 0.63 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 131-11-3 | 1c |
| Di-n-butylphthalate | ND | ug/L | 0.99 | 0.80 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 84-74-2 | 1c,L1 |
| 4,6-Dinitro-2-methylphenol | ND | ug/L | 2.5 | 1.7 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 534-52-1 | 1c |
| 2,4-Dinitrophenol | ND | ug/L | 2.5 | 2.4 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 51-28-5 | 1c |
| 2,4-Dinitrotoluene | ND | ug/L | 0.99 | 0.46 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 121-14-2 | 1c |
| 2,6-Dinitrotoluene | ND | ug/L | 0.99 | 0.55 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 606-20-2 | 1c |
| Di-n-octylphthalate | ND | ug/L | 2.5 | 1.1 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 117-84-0 | 1c |
| 1,2-Diphenylhydrazine | ND | ug/L | 0.99 | 0.65 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 122-66-7 | 1c |
| bis(2-Ethylhexyl)phthalate | ND | ug/L | 2.5 | 1.4 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 117-81-7 | 1c |
| Fluoranthene | ND | ug/L | 0.99 | 0.70 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 206-44-0 | 1c |
| Fluorene | ND | ug/L | 0.99 | 0.61 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 86-73-7 | 1c |
| Hexachloro-1,3-butadiene | ND | ug/L | 0.99 | 0.59 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 87-68-3 | 1c |
| Hexachlorobenzene | ND | ug/L | 0.99 | 0.67 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 118-74-1 | 1c |
| Hexachlorocyclopentadiene | ND | ug/L | 0.99 | 0.56 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 77-47-4 | 1c |
| Hexachloroethane | ND | ug/L | 0.99 | 0.57 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 67-72-1 | 1c |
| Indeno(1,2,3-cd)pyrene | ND | ug/L | 0.99 | 0.69 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 193-39-5 | 1c |
| Isophorone | ND | ug/L | 0.99 | 0.60 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 78-59-1 | 1c |
| 3&4-Methylphenol(m&p Cresol) | ND | ug/L | 2.0 | 0.88 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | | 1c |
| Naphthalene | ND | ug/L | 2.5 | 0.66 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 91-20-3 | 1c |
| Nitrobenzene | ND | ug/L | 0.99 | 0.58 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 98-95-3 | 1c |
| 2-Nitrophenol | ND | ug/L | 0.99 | 0.67 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 88-75-5 | 1c |
| 4-Nitrophenol | ND | ug/L | 0.99 | 0.35 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 100-02-7 | 1c |
| N-Nitrosodimethylamine | ND | ug/L | 0.99 | 0.34 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 62-75-9 | 1c |
| N-Nitroso-di-n-propylamine | ND | ug/L | 0.99 | 0.57 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 621-64-7 | 1c |
| N-Nitrosodiphenylamine | ND | ug/L | 0.99 | 0.67 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 86-30-6 | 1c |
| Pentachlorophenol | ND | ug/L | 2.5 | 1.5 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 87-86-5 | 1c |
| Phenanthrene | ND | ug/L | 0.99 | 0.65 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 85-01-8 | 1c |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Sample: COMP** **Lab ID: 30725488001** Collected: 10/10/24 07:00 Received: 10/10/24 17:30 Matrix: Water

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **625.1 Reduced Volume** | Analytical Method: EPA 625.1 Dec 2016 Preparation Method: EPA 625.1 Dec 2016 | | | | | | | | |
| | Pace Analytical Services - Greensburg | | | | | | | | |
| Phenol | ND | ug/L | 0.99 | 0.25 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 108-95-2 | 1c |
| Pyrene | ND | ug/L | 0.99 | 0.75 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 129-00-0 | 1c |
| 1,2,4-Trichlorobenzene | ND | ug/L | 0.99 | 0.58 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 120-82-1 | 1c |
| 2,4,6-Trichlorophenol | ND | ug/L | 0.99 | 0.59 | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 88-06-2 | 1c |
| ***Surrogates*** | | | | | | | | | |
| Nitrobenzene-d5 (S) | 48 | %. | 25-154 | | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 4165-60-0 | |
| 2-Fluorobiphenyl (S) | 45 | %. | 39-116 | | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 321-60-8 | |
| Terphenyl-d14 (S) | 76 | %. | 10-173 | | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 1718-51-0 | |
| Phenol-d6 (S) | 22 | %. | 10-73 | | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 13127-88-3 | |
| 2-Fluorophenol (S) | 31 | %. | 10-85 | | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 367-12-4 | |
| 2,4,6-Tribromophenol (S) | 73 | %. | 16-155 | | 1 | 10/17/24 09:40 | 10/21/24 12:15 | 118-79-6 | |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Sample: GRAB** **Lab ID: 30725488002** Collected: 10/10/24 07:00 Received: 10/10/24 17:30 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **BVR 1664 SGT-HEM, TPH** | Analytical Method: EPA 1664A<br>Pace Analytical Services - Beaver | | | | | | | | |
| Non-polar Material | ND | mg/L | 4.9 | 2.1 | 1 | | 10/21/24 14:57 | | N2 |
| **335.4 BVR Cyanide, Total** | Analytical Method: EPA 335.4, Rev 1.0 Preparation Method: EPA 335.4, Rev 1.0<br>Pace Analytical Services - Beaver | | | | | | | | |
| Cyanide | ND | mg/L | 0.020 | 0.0050 | 1 | 10/14/24 15:57 | 10/15/24 11:24 | 57-12-5 | |
| **BVR Phenolic Total Recoverable** | Analytical Method: EPA 420.1 Preparation Method: EPA 420.1<br>Pace Analytical Services - Beaver | | | | | | | | |
| Phenolics, Total Recoverable | ND | mg/L | 0.010 | 0.0050 | 1 | 10/15/24 10:12 | 10/15/24 15:57 | 64743-03-9 | |
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Acetone | ND | ug/L | 50.0 | 6.7 | 1 | | 10/11/24 18:00 | 67-64-1 | 2c,3c |
| Acrolein | ND | ug/L | 10.0 | 4.0 | 1 | | 10/11/24 18:00 | 107-02-8 | 2c,3c |
| Acrylonitrile | ND | ug/L | 4.0 | 1.4 | 1 | | 10/11/24 18:00 | 107-13-1 | 2c,3c |
| Benzene | ND | ug/L | 1.0 | 0.41 | 1 | | 10/11/24 18:00 | 71-43-2 | 2c,3c |
| Bromochloromethane | ND | ug/L | 1.0 | 0.55 | 1 | | 10/11/24 18:00 | 74-97-5 | 2c,3c |
| Bromodichloromethane | **7.0** | ug/L | 1.0 | 0.39 | 1 | | 10/11/24 18:00 | 75-27-4 | 2c,3c |
| Bromoform | ND | ug/L | 4.0 | 1.5 | 1 | | 10/11/24 18:00 | 75-25-2 | 2c,3c |
| Bromomethane | ND | ug/L | 10.0 | 6.3 | 1 | | 10/11/24 18:00 | 74-83-9 | 2c,3c |
| 2-Butanone (MEK) | ND | ug/L | 10.0 | 2.4 | 1 | | 10/11/24 18:00 | 78-93-3 | 2c,3c |
| Carbon disulfide | ND | ug/L | 1.0 | 0.47 | 1 | | 10/11/24 18:00 | 75-15-0 | 2c,3c |
| Carbon tetrachloride | ND | ug/L | 1.0 | 0.52 | 1 | | 10/11/24 18:00 | 56-23-5 | 2c,3c |
| Chlorobenzene | ND | ug/L | 1.0 | 0.42 | 1 | | 10/11/24 18:00 | 108-90-7 | 2c,3c |
| Chloroethane | ND | ug/L | 4.0 | 0.75 | 1 | | 10/11/24 18:00 | 75-00-3 | 2c,3c |
| 2-Chloroethylvinyl ether | ND | ug/L | 2.0 | 0.71 | 1 | | 10/11/24 18:00 | 110-75-8 | 2c,3c |
| Chloroform | **17.5** | ug/L | 4.0 | 1.2 | 1 | | 10/11/24 18:00 | 67-66-3 | 2c,3c |
| Chloromethane | ND | ug/L | 10.0 | 3.4 | 1 | | 10/11/24 18:00 | 74-87-3 | 2c,3c |
| Dibromochloromethane | ND | ug/L | 1.0 | 0.42 | 1 | | 10/11/24 18:00 | 124-48-1 | 2c,3c |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 0.62 | 1 | | 10/11/24 18:00 | 95-50-1 | 2c,3c |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 0.50 | 1 | | 10/11/24 18:00 | 541-73-1 | 2c,3c |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 0.56 | 1 | | 10/11/24 18:00 | 106-46-7 | 2c,3c |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 0.59 | 1 | | 10/11/24 18:00 | 75-34-3 | 2c,3c |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 0.35 | 1 | | 10/11/24 18:00 | 107-06-2 | 2c,3c |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 0.28 | 1 | | 10/11/24 18:00 | 75-35-4 | 2c,3c |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.47 | 1 | | 10/11/24 18:00 | 156-59-2 | 2c,3c |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 10/11/24 18:00 | 156-60-5 | 2c,3c |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 0.30 | 1 | | 10/11/24 18:00 | 78-87-5 | 2c,3c |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 0.43 | 1 | | 10/11/24 18:00 | 594-20-7 | 2c,3c |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 0.43 | 1 | | 10/11/24 18:00 | 563-58-6 | 2c,3c |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.34 | 1 | | 10/11/24 18:00 | 10061-01-5 | 2c,3c |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.33 | 1 | | 10/11/24 18:00 | 10061-02-6 | 2c,3c |
| Total 1,3-Dichloropropene | ND | ug/L | 2.0 | 0.66 | 1 | | 10/11/24 18:00 | | 2c,3c, N2 |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Sample: GRAB** **Lab ID: 30725488002** Collected: 10/10/24 07:00 Received: 10/10/24 17:30 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Ethylbenzene | ND | ug/L | 1.0 | 0.31 | 1 | | 10/11/24 18:00 | 100-41-4 | 2c,3c |
| 2-Hexanone | ND | ug/L | 10.0 | 0.40 | 1 | | 10/11/24 18:00 | 591-78-6 | 2c,3c |
| Methylene Chloride | ND | ug/L | 10.0 | 0.75 | 1 | | 10/11/24 18:00 | 75-09-2 | 2c,3c |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 10.0 | 0.62 | 1 | | 10/11/24 18:00 | 108-10-1 | 2c,3c |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 0.30 | 1 | | 10/11/24 18:00 | 1634-04-4 | 2c,3c |
| Styrene | ND | ug/L | 1.0 | 0.48 | 1 | | 10/11/24 18:00 | 100-42-5 | 2c,3c |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 0.71 | 1 | | 10/11/24 18:00 | 79-34-5 | 2c,3c |
| Tetrachloroethene | ND | ug/L | 1.0 | 0.30 | 1 | | 10/11/24 18:00 | 127-18-4 | 2c,3c |
| Toluene | ND | ug/L | 1.0 | 0.51 | 1 | | 10/11/24 18:00 | 108-88-3 | 2c,3c |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 0.43 | 1 | | 10/11/24 18:00 | 71-55-6 | 2c,3c |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 0.46 | 1 | | 10/11/24 18:00 | 79-00-5 | 2c,3c |
| Trichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 10/11/24 18:00 | 79-01-6 | 2c,3c |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 0.60 | 1 | | 10/11/24 18:00 | 75-69-4 | 2c,3c |
| Vinyl chloride | ND | ug/L | 1.0 | 0.28 | 1 | | 10/11/24 18:00 | 75-01-4 | 2c,3c |
| Xylene (Total) | ND | ug/L | 3.0 | 0.88 | 1 | | 10/11/24 18:00 | 1330-20-7 | 2c,3c |
| m&p-Xylene | ND | ug/L | 2.0 | 0.60 | 1 | | 10/11/24 18:00 | 179601-23-1 | 2c,3c |
| o-Xylene | ND | ug/L | 1.0 | 0.28 | 1 | | 10/11/24 18:00 | 95-47-6 | 2c,3c |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 102 | %. | 80-120 | | 1 | | 10/11/24 18:00 | 460-00-4 | 2c,3c |
| Toluene-d8 (S) | 94 | %. | 80-120 | | 1 | | 10/11/24 18:00 | 2037-26-5 | 2c,3c |
| 1,2-Dichloroethane-d4 (S) | 107 | %. | 80-120 | | 1 | | 10/11/24 18:00 | 17060-07-0 | 2c,3c |
| Dibromofluoromethane (S) | 101 | %. | 74-125 | | 1 | | 10/11/24 18:00 | 1868-53-7 | 2c,3c |
| Preservation pH | **2.0** | | 2.0 | 2.0 | 1 | | 10/11/24 18:00 | | 2c,3c,B |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Sample: TRIP BLANK** **Lab ID: 30725488003** Collected: 10/10/24 00:00 Received: 10/10/24 17:30 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Acetone | ND | ug/L | 50.0 | 6.7 | 1 | | 10/11/24 17:04 | 67-64-1 | 2c,3c |
| Acrolein | ND | ug/L | 10.0 | 4.0 | 1 | | 10/11/24 17:04 | 107-02-8 | 2c,3c |
| Acrylonitrile | ND | ug/L | 4.0 | 1.4 | 1 | | 10/11/24 17:04 | 107-13-1 | 2c,3c |
| Benzene | ND | ug/L | 1.0 | 0.41 | 1 | | 10/11/24 17:04 | 71-43-2 | 2c,3c |
| Bromochloromethane | ND | ug/L | 1.0 | 0.55 | 1 | | 10/11/24 17:04 | 74-97-5 | 2c,3c |
| Bromodichloromethane | ND | ug/L | 1.0 | 0.39 | 1 | | 10/11/24 17:04 | 75-27-4 | 2c,3c |
| Bromoform | ND | ug/L | 4.0 | 1.5 | 1 | | 10/11/24 17:04 | 75-25-2 | 2c,3c |
| Bromomethane | ND | ug/L | 10.0 | 6.3 | 1 | | 10/11/24 17:04 | 74-83-9 | 2c,3c |
| 2-Butanone (MEK) | ND | ug/L | 10.0 | 2.4 | 1 | | 10/11/24 17:04 | 78-93-3 | 2c,3c |
| Carbon disulfide | ND | ug/L | 1.0 | 0.47 | 1 | | 10/11/24 17:04 | 75-15-0 | 2c,3c |
| Carbon tetrachloride | ND | ug/L | 1.0 | 0.52 | 1 | | 10/11/24 17:04 | 56-23-5 | 2c,3c |
| Chlorobenzene | ND | ug/L | 1.0 | 0.42 | 1 | | 10/11/24 17:04 | 108-90-7 | 2c,3c |
| Chloroethane | ND | ug/L | 4.0 | 0.75 | 1 | | 10/11/24 17:04 | 75-00-3 | 2c,3c |
| 2-Chloroethylvinyl ether | ND | ug/L | 2.0 | 0.71 | 1 | | 10/11/24 17:04 | 110-75-8 | 2c,3c |
| Chloroform | ND | ug/L | 4.0 | 1.2 | 1 | | 10/11/24 17:04 | 67-66-3 | 2c,3c |
| Chloromethane | ND | ug/L | 10.0 | 3.4 | 1 | | 10/11/24 17:04 | 74-87-3 | 2c,3c |
| Dibromochloromethane | ND | ug/L | 1.0 | 0.42 | 1 | | 10/11/24 17:04 | 124-48-1 | 2c,3c |
| 1,2-Dichlorobenzene | ND | ug/L | 1.0 | 0.62 | 1 | | 10/11/24 17:04 | 95-50-1 | 2c,3c |
| 1,3-Dichlorobenzene | ND | ug/L | 1.0 | 0.50 | 1 | | 10/11/24 17:04 | 541-73-1 | 2c,3c |
| 1,4-Dichlorobenzene | ND | ug/L | 1.0 | 0.56 | 1 | | 10/11/24 17:04 | 106-46-7 | 2c,3c |
| 1,1-Dichloroethane | ND | ug/L | 1.0 | 0.59 | 1 | | 10/11/24 17:04 | 75-34-3 | 2c,3c |
| 1,2-Dichloroethane | ND | ug/L | 1.0 | 0.35 | 1 | | 10/11/24 17:04 | 107-06-2 | 2c,3c |
| 1,1-Dichloroethene | ND | ug/L | 1.0 | 0.28 | 1 | | 10/11/24 17:04 | 75-35-4 | 2c,3c |
| cis-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.47 | 1 | | 10/11/24 17:04 | 156-59-2 | 2c,3c |
| trans-1,2-Dichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 10/11/24 17:04 | 156-60-5 | 2c,3c |
| 1,2-Dichloropropane | ND | ug/L | 1.0 | 0.30 | 1 | | 10/11/24 17:04 | 78-87-5 | 2c,3c |
| 2,2-Dichloropropane | ND | ug/L | 1.0 | 0.43 | 1 | | 10/11/24 17:04 | 594-20-7 | 2c,3c |
| 1,1-Dichloropropene | ND | ug/L | 1.0 | 0.43 | 1 | | 10/11/24 17:04 | 563-58-6 | 2c,3c |
| cis-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.34 | 1 | | 10/11/24 17:04 | 10061-01-5 | 2c,3c |
| trans-1,3-Dichloropropene | ND | ug/L | 1.0 | 0.33 | 1 | | 10/11/24 17:04 | 10061-02-6 | 2c,3c |
| Total 1,3-Dichloropropene | ND | ug/L | 2.0 | 0.66 | 1 | | 10/11/24 17:04 | | 2c,3c, N2 |
| Ethylbenzene | ND | ug/L | 1.0 | 0.31 | 1 | | 10/11/24 17:04 | 100-41-4 | 2c,3c |
| 2-Hexanone | ND | ug/L | 10.0 | 0.40 | 1 | | 10/11/24 17:04 | 591-78-6 | 2c,3c |
| Methylene Chloride | ND | ug/L | 10.0 | 0.75 | 1 | | 10/11/24 17:04 | 75-09-2 | 2c,3c |
| 4-Methyl-2-pentanone (MIBK) | ND | ug/L | 10.0 | 0.62 | 1 | | 10/11/24 17:04 | 108-10-1 | 2c,3c |
| Methyl-tert-butyl ether | ND | ug/L | 1.0 | 0.30 | 1 | | 10/11/24 17:04 | 1634-04-4 | 2c,3c |
| Styrene | ND | ug/L | 1.0 | 0.48 | 1 | | 10/11/24 17:04 | 100-42-5 | 2c,3c |
| 1,1,2,2-Tetrachloroethane | ND | ug/L | 1.0 | 0.71 | 1 | | 10/11/24 17:04 | 79-34-5 | 2c,3c |
| Tetrachloroethene | ND | ug/L | 1.0 | 0.30 | 1 | | 10/11/24 17:04 | 127-18-4 | 2c,3c |
| Toluene | ND | ug/L | 1.0 | 0.51 | 1 | | 10/11/24 17:04 | 108-88-3 | 2c,3c |
| 1,1,1-Trichloroethane | ND | ug/L | 1.0 | 0.43 | 1 | | 10/11/24 17:04 | 71-55-6 | 2c,3c |
| 1,1,2-Trichloroethane | ND | ug/L | 1.0 | 0.46 | 1 | | 10/11/24 17:04 | 79-00-5 | 2c,3c |
| Trichloroethene | ND | ug/L | 1.0 | 0.33 | 1 | | 10/11/24 17:04 | 79-01-6 | 2c,3c |

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## ANALYTICAL RESULTS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

**Sample: TRIP BLANK** **Lab ID: 30725488003** Collected: 10/10/24 00:00 Received: 10/10/24 17:30 Matrix: Water

Comments: • The pH of the VOA vial used for analysis was 7 for 624.

| Parameters | Results | Units | Report Limit | MDL | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|---|
| **624.1 Volatile Organics** | Analytical Method: EPA 624.1 Dec 2016<br>Pace Analytical Services - Greensburg | | | | | | | | |
| Trichlorofluoromethane | ND | ug/L | 1.0 | 0.60 | 1 | | 10/11/24 17:04 | 75-69-4 | 2c,3c |
| Vinyl chloride | ND | ug/L | 1.0 | 0.28 | 1 | | 10/11/24 17:04 | 75-01-4 | 2c,3c |
| Xylene (Total) | ND | ug/L | 3.0 | 0.88 | 1 | | 10/11/24 17:04 | 1330-20-7 | 2c,3c |
| m&p-Xylene | ND | ug/L | 2.0 | 0.60 | 1 | | 10/11/24 17:04 | 179601-23-1 | 2c,3c |
| o-Xylene | ND | ug/L | 1.0 | 0.28 | 1 | | 10/11/24 17:04 | 95-47-6 | 2c,3c |
| ***Surrogates*** | | | | | | | | | |
| 4-Bromofluorobenzene (S) | 104 | %. | 80-120 | | 1 | | 10/11/24 17:04 | 460-00-4 | 2c,3c |
| Toluene-d8 (S) | 97 | %. | 80-120 | | 1 | | 10/11/24 17:04 | 2037-26-5 | 2c,3c |
| 1,2-Dichloroethane-d4 (S) | 104 | %. | 80-120 | | 1 | | 10/11/24 17:04 | 17060-07-0 | 2c,3c |
| Dibromofluoromethane (S) | 103 | %. | 74-125 | | 1 | | 10/11/24 17:04 | 1868-53-7 | 2c,3c |
| Preservation pH | **2.0** | | 2.0 | 2.0 | 1 | | 10/11/24 17:04 | | 2c,3c,B |

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# QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 703138
QC Batch Method: EPA 200.2
Analysis Method: EPA 200.7
Analysis Description: BVR 200.7 Metals, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488001

METHOD BLANK: 3424186 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 20.0 | 4.2 | 10/16/24 18:15 | |
| Arsenic | mg/L | ND | 0.020 | 0.0066 | 10/16/24 18:15 | |
| Beryllium | ug/L | ND | 1.0 | 0.29 | 10/16/24 18:15 | |
| Cadmium | mg/L | ND | 0.0020 | 0.00025 | 10/16/24 18:15 | |
| Chromium | mg/L | ND | 0.0050 | 0.0016 | 10/16/24 18:15 | |
| Copper | mg/L | ND | 0.0050 | 0.0035 | 10/16/24 18:15 | |
| Lead | mg/L | ND | 0.010 | 0.0034 | 10/16/24 18:15 | |
| Nickel | mg/L | ND | 0.0050 | 0.0016 | 10/16/24 18:15 | |
| Selenium | ug/L | ND | 20.0 | 4.7 | 10/16/24 18:15 | |
| Silver | mg/L | ND | 0.0050 | 0.0022 | 10/16/24 18:15 | |
| Thallium | ug/L | ND | 10.0 | 3.4 | 10/16/24 18:15 | |
| Zinc | mg/L | ND | 0.020 | 0.0084 | 10/16/24 18:15 | |

LABORATORY CONTROL SAMPLE: 3424187

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Antimony | ug/L | 2000 | 2040 | 102 | 85-115 | |
| Arsenic | mg/L | 2 | 2.0 | 100 | 85-115 | |
| Beryllium | ug/L | 500 | 529 | 106 | 85-115 | |
| Cadmium | mg/L | 1 | 1.1 | 105 | 85-115 | |
| Chromium | mg/L | 2 | 2.1 | 106 | 85-115 | |
| Copper | mg/L | 2 | 2.1 | 107 | 85-115 | |
| Lead | mg/L | 2 | 2.1 | 104 | 85-115 | |
| Nickel | mg/L | 2 | 2.2 | 110 | 85-115 | |
| Selenium | ug/L | 2000 | 2020 | 101 | 85-115 | |
| Silver | mg/L | 0.5 | 0.54 | 108 | 85-115 | |
| Thallium | ug/L | 2000 | 2090 | 104 | 85-115 | |
| Zinc | mg/L | 2 | 2.1 | 104 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3424188 3424189

| Parameter | Units | 30725472001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | <0.0042 mg/L | 2000 | 2000 | 2080 | 2080 | 104 | 104 | 70-130 | 0 | 20 | |
| Arsenic | mg/L | <0.0066 | 2 | 2 | 2.0 | 2.0 | 102 | 102 | 70-130 | 0 | 20 | |
| Beryllium | ug/L | <0.00029 mg/L | 500 | 500 | 533 | 531 | 107 | 106 | 70-130 | 0 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3424188 3424189

| Parameter | Units | 30725472001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cadmium | mg/L | <0.00025 | 1 | 1 | 1.0 | 1.0 | 104 | 104 | 70-130 | 0 | 20 | |
| Chromium | mg/L | <0.0016 | 2 | 2 | 2.1 | 2.1 | 106 | 106 | 70-130 | 0 | 20 | |
| Copper | mg/L | <0.0035 | 2 | 2 | 2.1 | 2.1 | 107 | 107 | 70-130 | 1 | 20 | |
| Lead | mg/L | <0.0034 | 2 | 2 | 2.1 | 2.1 | 103 | 103 | 70-130 | 0 | 20 | |
| Nickel | mg/L | <0.0016 | 2 | 2 | 2.1 | 2.1 | 107 | 107 | 70-130 | 0 | 20 | |
| Selenium | ug/L | <0.0047 mg/L | 2000 | 2000 | 2040 | 2020 | 102 | 101 | 70-130 | 1 | 20 | |
| Silver | mg/L | <0.0022 | 0.5 | 0.5 | 0.54 | 0.54 | 109 | 108 | 70-130 | 0 | 20 | |
| Thallium | ug/L | <0.0034 mg/L | 2000 | 2000 | 2070 | 2060 | 103 | 103 | 70-130 | 0 | 20 | |
| Zinc | mg/L | <0.0084 | 2 | 2 | 2.1 | 2.0 | 102 | 102 | 70-130 | 0 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3424190 3424191

| Parameter | Units | 30725778003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | ug/L | ND | 2000 | 2000 | 2100 | 2120 | 105 | 106 | 70-130 | 1 | 20 | |
| Arsenic | mg/L | 192 ug/L | 2 | 2 | 2.3 | 2.3 | 104 | 104 | 70-130 | 1 | 20 | |
| Beryllium | ug/L | ND | 500 | 500 | 539 | 544 | 108 | 109 | 70-130 | 1 | 20 | |
| Cadmium | mg/L | ND | 1 | 1 | 1.0 | 1.1 | 105 | 106 | 70-130 | 1 | 20 | |
| Chromium | mg/L | ND | 2 | 2 | 2.1 | 2.2 | 107 | 108 | 70-130 | 1 | 20 | |
| Copper | mg/L | 13.0 ug/L | 2 | 2 | 2.2 | 2.2 | 109 | 110 | 70-130 | 1 | 20 | |
| Lead | mg/L | ND | 2 | 2 | 2.1 | 2.1 | 104 | 105 | 70-130 | 1 | 20 | |
| Nickel | mg/L | ND | 2 | 2 | 2.2 | 2.2 | 108 | 109 | 70-130 | 1 | 20 | |
| Selenium | ug/L | ND | 2000 | 2000 | 2050 | 2070 | 103 | 104 | 70-130 | 1 | 20 | |
| Silver | mg/L | ND | 0.5 | 0.5 | 0.54 | 0.55 | 108 | 109 | 70-130 | 1 | 20 | |
| Thallium | ug/L | ND | 2000 | 2000 | 2050 | 2070 | 102 | 103 | 70-130 | 1 | 20 | |
| Zinc | mg/L | ND | 2 | 2 | 2.1 | 2.1 | 103 | 104 | 70-130 | 1 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 702542
QC Batch Method: EPA 245.1
Analysis Method: EPA 245.1
Analysis Description: BVR 245.1 Mercury
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488001

METHOD BLANK: 3421872 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 0.20 | 0.16 | 10/16/24 09:49 | |

LABORATORY CONTROL SAMPLE: 3421873

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Mercury | ug/L | 5 | 4.9 | 98 | 85-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3421874 3421875

| Parameter | Units | 30725162001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 5 | 5 | 4.8 | 4.9 | 97 | 98 | 70-130 | 1 | 20 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3421876 3421877

| Parameter | Units | 30725488001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | ug/L | ND | 5 | 5 | 5.0 | 5.0 | 100 | 99 | 70-130 | 0 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 704264
QC Batch Method: EPA 1664A
Analysis Method: EPA 1664A
Analysis Description: BVR 1664 SGT-HEM, TPH
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488002

METHOD BLANK: 3429329 Matrix: Water
Associated Lab Samples: 30725488002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Non-polar Material | mg/L | ND | 5.0 | 2.2 | 10/21/24 14:56 | N2 |

LABORATORY CONTROL SAMPLE & LCSD: 3429330 3429331

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Non-polar Material | mg/L | 40 | 36.6 | 37.8 | 92 | 94 | 64-132 | 3 | 34 | N2 |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 703103
QC Batch Method: SM 2540C-2015
Analysis Method: SM 2540C-2015
Analysis Description: BVR 2540C Total Dissol. Solids
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488001

METHOD BLANK: 3423868 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | ND | 10.0 | 5.0 | 10/15/24 16:13 | |

LABORATORY CONTROL SAMPLE: 3423869

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 50 | 50.0 | 100 | 80-118 | |

SAMPLE DUPLICATE: 3423870

| Parameter | Units | 30725488001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Total Dissolved Solids | mg/L | 440 | 455 | 3 | 10 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 702742
QC Batch Method: EPA 335.4, Rev 1.0
Analysis Method: EPA 335.4, Rev 1.0
Analysis Description: 335.4 BVR Cyanide, Total
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488002

METHOD BLANK: 3422473 Matrix: Water
Associated Lab Samples: 30725488002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide | mg/L | ND | 0.020 | 0.0050 | 10/15/24 10:32 | |

LABORATORY CONTROL SAMPLE: 3422474

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Cyanide | mg/L | 0.2 | 0.18 | 92 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3422475 3422476

| Parameter | Units | 30725535004 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cyanide | mg/L | ND | 0.2 | 0.2 | 0.18 | 0.18 | 90 | 90 | 90-110 | 0 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 702224
QC Batch Method: EPA 351.2, Rev 2.0
Analysis Method: EPA 351.2, Rev 2.0
Analysis Description: BVR 351.2 Total Kjeldahl Nitrogen
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488001

METHOD BLANK: 3420568 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | ND | 0.50 | 0.32 | 10/11/24 19:04 | |

LABORATORY CONTROL SAMPLE: 3420569

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 2 | 2.0 | 99 | 90-110 | |

MATRIX SPIKE SAMPLE: 3420570

| Parameter | Units | 30725450002 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 0.59 | 2 | 2.4 | 93 | 90-110 | |

MATRIX SPIKE SAMPLE: 3420572

| Parameter | Units | 30725452001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | ND | | ND | | | M1 |

SAMPLE DUPLICATE: 3420571

| Parameter | Units | 30725450002 Result | Dup Result | RPD | Max RPD | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, Kjeldahl, Total | mg/L | 0.59 | 0.47J | | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 702937
QC Batch Method: EPA 420.1
Analysis Method: EPA 420.1
Analysis Description: BVR 420.1 Phenolics
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488002

METHOD BLANK: 3423201 Matrix: Water
Associated Lab Samples: 30725488002

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | ND | 0.010 | 0.0050 | 10/15/24 15:54 | |

LABORATORY CONTROL SAMPLE: 3423202

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | 0.1 | 0.11 | 108 | 72-115 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3423203 3423204

| Parameter | Units | 30724940001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phenolics, Total Recoverable | mg/L | ND | 0.1 | 0.1 | 0.093 | 0.097 | 89 | 94 | 65-123 | 5 | 22 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 702891
QC Batch Method: SM 4500-P-B-11
Analysis Method: SM 4500-P-E-11
Analysis Description: BVR 4500PB Total Phosphorus
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488001

METHOD BLANK: 3423090 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus | mg/L | ND | 0.050 | 0.010 | 10/15/24 12:53 | |

LABORATORY CONTROL SAMPLE: 3423091

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Phosphorus | mg/L | 0.5 | 0.52 | 104 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3423092 3423093

| Parameter | Units | 30724739005 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Phosphorus | mg/L | <0.010 | 0.5 | 0.5 | 0.64 | 0.64 | 127 | 127 | 80-120 | 0 | 20 | M1 |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 702620
QC Batch Method: 10-107-04-1-C
Analysis Method: 10-107-04-1-C
Analysis Description: 10-107-04-1-C Nitrate + Nitrite Pres.
Laboratory: Pace Analytical Services - Beaver
Associated Lab Samples: 30725488001

METHOD BLANK: 3422133 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | ND | 0.10 | 0.026 | 10/14/24 11:24 | |

METHOD BLANK: 3422135 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | ND | 0.10 | 0.026 | 10/14/24 11:27 | |

LABORATORY CONTROL SAMPLE: 3422134

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 2 | 2.0 | 98 | 90-110 | |

LABORATORY CONTROL SAMPLE: 3422136

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 2 | 1.9 | 96 | 90-110 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3422137 3422138

| Parameter | Units | 30725315002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 3.2 | 2 | 2 | 5.0 | 5.1 | 92 | 93 | 80-120 | 0 | 20 | E |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3422139 3422140

| Parameter | Units | 30725498005 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nitrogen, NO2 plus NO3 | mg/L | 0.16 | 2 | 2 | 1.9 | 1.9 | 86 | 87 | 80-120 | 1 | 20 | |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 702387
QC Batch Method: EPA 624.1 Dec 2016
Analysis Method: EPA 624.1 Dec 2016
Analysis Description: 6241 MSV
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 30725488002, 30725488003

METHOD BLANK: 3421060 Matrix: Water
Associated Lab Samples: 30725488002, 30725488003

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ug/L | ND | 1.0 | 0.43 | 10/11/24 15:12 | 2c,3c |
| 1,1,2,2-Tetrachloroethane | ug/L | ND | 1.0 | 0.71 | 10/11/24 15:12 | 2c,3c |
| 1,1,2-Trichloroethane | ug/L | ND | 1.0 | 0.46 | 10/11/24 15:12 | 2c,3c |
| 1,1-Dichloroethane | ug/L | ND | 1.0 | 0.59 | 10/11/24 15:12 | 2c,3c |
| 1,1-Dichloroethene | ug/L | ND | 1.0 | 0.28 | 10/11/24 15:12 | 2c,3c |
| 1,1-Dichloropropene | ug/L | ND | 1.0 | 0.43 | 10/11/24 15:12 | 2c,3c |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 0.62 | 10/11/24 15:12 | 2c,3c |
| 1,2-Dichloroethane | ug/L | ND | 1.0 | 0.35 | 10/11/24 15:12 | 2c,3c |
| 1,2-Dichloropropane | ug/L | ND | 1.0 | 0.30 | 10/11/24 15:12 | 2c,3c |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 0.50 | 10/11/24 15:12 | 2c,3c |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 0.56 | 10/11/24 15:12 | 2c,3c |
| 2,2-Dichloropropane | ug/L | ND | 1.0 | 0.43 | 10/11/24 15:12 | 2c,3c |
| 2-Butanone (MEK) | ug/L | ND | 10.0 | 2.4 | 10/11/24 15:12 | 2c,3c |
| 2-Chloroethylvinyl ether | ug/L | ND | 2.0 | 0.71 | 10/11/24 15:12 | 2c,3c |
| 2-Hexanone | ug/L | ND | 10.0 | 0.40 | 10/11/24 15:12 | 2c,3c |
| 4-Methyl-2-pentanone (MIBK) | ug/L | ND | 10.0 | 0.62 | 10/11/24 15:12 | 2c,3c |
| Acetone | ug/L | ND | 50.0 | 6.7 | 10/11/24 15:12 | 2c,3c |
| Acrolein | ug/L | ND | 10.0 | 4.0 | 10/11/24 15:12 | 2c,3c |
| Acrylonitrile | ug/L | ND | 4.0 | 1.4 | 10/11/24 15:12 | 2c,3c |
| Benzene | ug/L | ND | 1.0 | 0.41 | 10/11/24 15:12 | 2c,3c |
| Bromochloromethane | ug/L | ND | 1.0 | 0.55 | 10/11/24 15:12 | 2c,3c |
| Bromodichloromethane | ug/L | ND | 1.0 | 0.39 | 10/11/24 15:12 | 2c,3c |
| Bromoform | ug/L | ND | 4.0 | 1.5 | 10/11/24 15:12 | 2c,3c |
| Bromomethane | ug/L | ND | 10.0 | 6.3 | 10/11/24 15:12 | 2c,3c |
| Carbon disulfide | ug/L | ND | 1.0 | 0.47 | 10/11/24 15:12 | 2c,3c |
| Carbon tetrachloride | ug/L | ND | 1.0 | 0.52 | 10/11/24 15:12 | 2c,3c |
| Chlorobenzene | ug/L | ND | 1.0 | 0.42 | 10/11/24 15:12 | 2c,3c |
| Chloroethane | ug/L | ND | 4.0 | 0.75 | 10/11/24 15:12 | 2c,3c |
| Chloroform | ug/L | ND | 4.0 | 1.2 | 10/11/24 15:12 | 2c,3c |
| Chloromethane | ug/L | ND | 10.0 | 3.4 | 10/11/24 15:12 | 2c,3c |
| cis-1,2-Dichloroethene | ug/L | ND | 1.0 | 0.47 | 10/11/24 15:12 | 2c,3c |
| cis-1,3-Dichloropropene | ug/L | ND | 1.0 | 0.34 | 10/11/24 15:12 | 2c,3c |
| Dibromochloromethane | ug/L | ND | 1.0 | 0.42 | 10/11/24 15:12 | 2c,3c |
| Ethylbenzene | ug/L | ND | 1.0 | 0.31 | 10/11/24 15:12 | 2c,3c |
| m&p-Xylene | ug/L | ND | 2.0 | 0.60 | 10/11/24 15:12 | 2c,3c |
| Methyl-tert-butyl ether | ug/L | ND | 1.0 | 0.30 | 10/11/24 15:12 | 2c,3c |
| Methylene Chloride | ug/L | ND | 10.0 | 0.75 | 10/11/24 15:12 | 2c,3c |
| o-Xylene | ug/L | ND | 1.0 | 0.28 | 10/11/24 15:12 | 2c,3c |
| Styrene | ug/L | ND | 1.0 | 0.48 | 10/11/24 15:12 | 2c,3c |
| Tetrachloroethene | ug/L | ND | 1.0 | 0.30 | 10/11/24 15:12 | 2c,3c |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

METHOD BLANK: 3421060 Matrix: Water
Associated Lab Samples: 30725488002, 30725488003

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Toluene | ug/L | ND | 1.0 | 0.51 | 10/11/24 15:12 | 2c,3c |
| Total 1,3-Dichloropropene | ug/L | ND | 2.0 | 0.66 | 10/11/24 15:12 | 2c,3c,N2 |
| trans-1,2-Dichloroethene | ug/L | ND | 1.0 | 0.33 | 10/11/24 15:12 | 2c,3c |
| trans-1,3-Dichloropropene | ug/L | ND | 1.0 | 0.33 | 10/11/24 15:12 | 2c,3c |
| Trichloroethene | ug/L | ND | 1.0 | 0.33 | 10/11/24 15:12 | 2c,3c |
| Trichlorofluoromethane | ug/L | ND | 1.0 | 0.60 | 10/11/24 15:12 | 2c,3c |
| Vinyl chloride | ug/L | ND | 1.0 | 0.28 | 10/11/24 15:12 | 2c,3c |
| Xylene (Total) | ug/L | ND | 3.0 | 0.88 | 10/11/24 15:12 | 2c,3c |
| 1,2-Dichloroethane-d4 (S) | %. | 106 | 80-120 | | 10/11/24 15:12 | 2c,3c |
| 4-Bromofluorobenzene (S) | %. | 103 | 80-120 | | 10/11/24 15:12 | 2c,3c |
| Dibromofluoromethane (S) | %. | 104 | 74-125 | | 10/11/24 15:12 | 2c,3c |
| Toluene-d8 (S) | %. | 99 | 80-120 | | 10/11/24 15:12 | 2c,3c |
| Preservation pH | | 2.0 | 2.0 | 2.0 | 10/11/24 15:12 | 2c,3c |

LABORATORY CONTROL SAMPLE: 3421061

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | ug/L | 20 | 21.2 | 106 | 70-130 | 2c,3c |
| 1,1,2,2-Tetrachloroethane | ug/L | 20 | 20.5 | 102 | 60-140 | 2c,3c |
| 1,1,2-Trichloroethane | ug/L | 20 | 20.2 | 101 | 70-130 | 2c,3c |
| 1,1-Dichloroethane | ug/L | 20 | 20.3 | 101 | 70-130 | 2c,3c |
| 1,1-Dichloroethene | ug/L | 20 | 20.5 | 102 | 50-150 | 2c,3c |
| 1,1-Dichloropropene | ug/L | 20 | 23.0 | 115 | 76-121 | 2c,3c |
| 1,2-Dichlorobenzene | ug/L | 20 | 20.8 | 104 | 65-135 | 2c,3c |
| 1,2-Dichloroethane | ug/L | 20 | 20.4 | 102 | 70-130 | 2c,3c |
| 1,2-Dichloropropane | ug/L | 20 | 20.4 | 102 | 35-165 | 2c,3c |
| 1,3-Dichlorobenzene | ug/L | 20 | 20.0 | 100 | 70-130 | 2c,3c |
| 1,4-Dichlorobenzene | ug/L | 20 | 20.6 | 103 | 65-135 | 2c,3c |
| 2,2-Dichloropropane | ug/L | 20 | 21.5 | 107 | 52-153 | 2c,3c |
| 2-Butanone (MEK) | ug/L | 20 | 20.8 | 104 | 45-144 | 2c,3c |
| 2-Chloroethylvinyl ether | ug/L | 20 | 7.9 | 40 | 10-225 | 2c,3c |
| 2-Hexanone | ug/L | 20 | 18.4 | 92 | 48-138 | 2c,3c |
| 4-Methyl-2-pentanone (MIBK) | ug/L | 20 | 20.8 | 104 | 54-139 | 2c,3c |
| Acetone | ug/L | 20 | 19.2J | 96 | 26-170 | 2c,3c |
| Acrolein | ug/L | 20 | 17.9 | 90 | 60-140 | 2c,3c |
| Acrylonitrile | ug/L | 20 | 20.8 | 104 | 60-140 | 2c,3c |
| Benzene | ug/L | 20 | 20.2 | 101 | 65-135 | 2c,3c |
| Bromochloromethane | ug/L | 20 | 20.8 | 104 | 68-126 | 2c,3c |
| Bromodichloromethane | ug/L | 20 | 19.9 | 100 | 65-135 | 2c,3c |
| Bromoform | ug/L | 20 | 21.1 | 106 | 70-130 | 2c,3c |
| Bromomethane | ug/L | 20 | 15.4 | 77 | 15-185 | 2c,3c |
| Carbon disulfide | ug/L | 20 | 15.9 | 79 | 34-163 | 2c,3c |
| Carbon tetrachloride | ug/L | 20 | 21.4 | 107 | 70-130 | 2c,3c |
| Chlorobenzene | ug/L | 20 | 21.0 | 105 | 65-135 | 2c,3c |

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## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

LABORATORY CONTROL SAMPLE: 3421061

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Chloroethane | ug/L | 20 | 20.6 | 103 | 40-160 | 2c,3c |
| Chloroform | ug/L | 20 | 19.3 | 96 | 70-135 | 2c,3c |
| Chloromethane | ug/L | 20 | 18.3 | 92 | 10-205 | 2c,3c |
| cis-1,2-Dichloroethene | ug/L | 20 | 20.5 | 103 | 71-117 | 2c,3c |
| cis-1,3-Dichloropropene | ug/L | 20 | 19.5 | 97 | 25-175 | 2c,3c |
| Dibromochloromethane | ug/L | 20 | 20.3 | 101 | 70-135 | 2c,3c |
| Ethylbenzene | ug/L | 20 | 20.6 | 103 | 60-140 | 2c,3c |
| m&p-Xylene | ug/L | 40 | 41.7 | 104 | 80-120 | 2c,3c |
| Methyl-tert-butyl ether | ug/L | 20 | 20.1 | 100 | 70-124 | 2c,3c |
| Methylene Chloride | ug/L | 20 | 21.1 | 106 | 60-140 | 2c,3c |
| o-Xylene | ug/L | 20 | 20.5 | 102 | 80-120 | 2c,3c |
| Styrene | ug/L | 20 | 20.5 | 103 | 79-120 | 2c,3c |
| Tetrachloroethene | ug/L | 20 | 20.2 | 101 | 70-130 | 2c,3c |
| Toluene | ug/L | 20 | 20.8 | 104 | 70-130 | 2c,3c |
| Total 1,3-Dichloropropene | ug/L | 40 | 40.0 | 100 | 69-125 | 2c,3c,N2 |
| trans-1,2-Dichloroethene | ug/L | 20 | 20.7 | 103 | 70-130 | 2c,3c |
| trans-1,3-Dichloropropene | ug/L | 20 | 20.5 | 102 | 50-150 | 2c,3c |
| Trichloroethene | ug/L | 20 | 21.4 | 107 | 65-135 | 2c,3c |
| Trichlorofluoromethane | ug/L | 20 | 17.5 | 87 | 50-150 | 2c,3c |
| Vinyl chloride | ug/L | 20 | 18.9 | 94 | 5-195 | 2c,3c |
| Xylene (Total) | ug/L | 60 | 62.2 | 104 | 80-120 | 2c,3c |
| 1,2-Dichloroethane-d4 (S) | %. | | | 102 | 80-120 | 2c,3c |
| 4-Bromofluorobenzene (S) | %. | | | 100 | 80-120 | 2c,3c |
| Dibromofluoromethane (S) | %. | | | 101 | 74-125 | 2c,3c |
| Toluene-d8 (S) | %. | | | 101 | 80-120 | 2c,3c |
| Preservation pH | | | 2.0 | | | 2c,3c |

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## REPORT OF LABORATORY ANALYSIS

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**Pace Analytical Services, LLC**
16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

QC Batch: 703479
QC Batch Method: EPA 625.1 Dec 2016
Analysis Method: EPA 625.1 Dec 2016
Analysis Description: 625.1 MSSV RV
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30725488001

METHOD BLANK: 3425841 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | ND | 1.0 | 0.59 | 10/21/24 10:54 | |
| 1,2-Dichlorobenzene | ug/L | ND | 1.0 | 0.60 | 10/21/24 10:54 | |
| 1,2-Diphenylhydrazine | ug/L | ND | 1.0 | 0.65 | 10/21/24 10:54 | IS |
| 1,3-Dichlorobenzene | ug/L | ND | 1.0 | 0.56 | 10/21/24 10:54 | |
| 1,4-Dichlorobenzene | ug/L | ND | 1.0 | 0.56 | 10/21/24 10:54 | |
| 2,4,6-Trichlorophenol | ug/L | ND | 1.0 | 0.59 | 10/21/24 10:54 | IS |
| 2,4-Dichlorophenol | ug/L | ND | 1.0 | 0.61 | 10/21/24 10:54 | |
| 2,4-Dimethylphenol | ug/L | ND | 1.0 | 0.64 | 10/21/24 10:54 | |
| 2,4-Dinitrophenol | ug/L | ND | 2.5 | 2.4 | 10/21/24 10:54 | IS |
| 2,4-Dinitrotoluene | ug/L | ND | 1.0 | 0.46 | 10/21/24 10:54 | IS |
| 2,6-Dinitrotoluene | ug/L | ND | 1.0 | 0.55 | 10/21/24 10:54 | IS |
| 2-Chloronaphthalene | ug/L | ND | 1.0 | 0.66 | 10/21/24 10:54 | IS |
| 2-Chlorophenol | ug/L | ND | 1.0 | 0.59 | 10/21/24 10:54 | |
| 2-Nitrophenol | ug/L | ND | 1.0 | 0.67 | 10/21/24 10:54 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | ND | 2.0 | 0.89 | 10/21/24 10:54 | |
| 3,3'-Dichlorobenzidine | ug/L | ND | 1.0 | 0.81 | 10/21/24 10:54 | IS |
| 4,6-Dinitro-2-methylphenol | ug/L | ND | 2.5 | 1.7 | 10/21/24 10:54 | IS |
| 4-Bromophenylphenyl ether | ug/L | ND | 1.0 | 0.68 | 10/21/24 10:54 | IS |
| 4-Chlorophenylphenyl ether | ug/L | ND | 1.0 | 0.60 | 10/21/24 10:54 | IS |
| 4-Nitrophenol | ug/L | ND | 1.0 | 0.35 | 10/21/24 10:54 | IS |
| Acenaphthene | ug/L | ND | 1.0 | 0.60 | 10/21/24 10:54 | IS |
| Acenaphthylene | ug/L | ND | 1.0 | 0.64 | 10/21/24 10:54 | IS |
| Anthracene | ug/L | ND | 1.0 | 0.66 | 10/21/24 10:54 | IS |
| Benzidine | ug/L | ND | 15.0 | 4.4 | 10/21/24 10:54 | |
| Benzo(a)anthracene | ug/L | ND | 1.0 | 0.77 | 10/21/24 10:54 | IS |
| Benzo(a)pyrene | ug/L | ND | 1.0 | 0.76 | 10/21/24 10:54 | IS |
| Benzo(b)fluoranthene | ug/L | ND | 1.0 | 0.75 | 10/21/24 10:54 | IS |
| Benzo(g,h,i)perylene | ug/L | ND | 1.0 | 0.80 | 10/21/24 10:54 | IS |
| Benzo(k)fluoranthene | ug/L | ND | 1.0 | 0.72 | 10/21/24 10:54 | IS |
| bis(2-Chloroethoxy)methane | ug/L | ND | 1.0 | 0.58 | 10/21/24 10:54 | |
| bis(2-Chloroethyl) ether | ug/L | ND | 1.0 | 0.53 | 10/21/24 10:54 | |
| bis(2-Chloroisopropyl) ether | ug/L | ND | 1.0 | 0.62 | 10/21/24 10:54 | |
| bis(2-Ethylhexyl)phthalate | ug/L | ND | 2.5 | 1.5 | 10/21/24 10:54 | IS |
| Butylbenzylphthalate | ug/L | ND | 2.5 | 0.71 | 10/21/24 10:54 | IS |
| Chrysene | ug/L | ND | 1.0 | 0.80 | 10/21/24 10:54 | IS |
| Di-n-butylphthalate | ug/L | ND | 1.0 | 0.80 | 10/21/24 10:54 | IS |
| Di-n-octylphthalate | ug/L | ND | 2.5 | 1.1 | 10/21/24 10:54 | IS |
| Dibenz(a,h)anthracene | ug/L | ND | 1.0 | 0.76 | 10/21/24 10:54 | IS |
| Diethylphthalate | ug/L | ND | 1.0 | 0.64 | 10/21/24 10:54 | IS |
| Dimethylphthalate | ug/L | ND | 1.0 | 0.64 | 10/21/24 10:54 | IS |

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(304)241-5861

## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

METHOD BLANK: 3425841 Matrix: Water
Associated Lab Samples: 30725488001

| Parameter | Units | Blank Result | Reporting Limit | MDL | Analyzed | Qualifiers |
|---|---|---|---|---|---|---|
| Fluoranthene | ug/L | ND | 1.0 | 0.71 | 10/21/24 10:54 | IS |
| Fluorene | ug/L | ND | 1.0 | 0.61 | 10/21/24 10:54 | IS |
| Hexachloro-1,3-butadiene | ug/L | ND | 1.0 | 0.60 | 10/21/24 10:54 | |
| Hexachlorobenzene | ug/L | ND | 1.0 | 0.68 | 10/21/24 10:54 | IS |
| Hexachlorocyclopentadiene | ug/L | ND | 1.0 | 0.57 | 10/21/24 10:54 | IS |
| Hexachloroethane | ug/L | ND | 1.0 | 0.57 | 10/21/24 10:54 | |
| Indeno(1,2,3-cd)pyrene | ug/L | ND | 1.0 | 0.70 | 10/21/24 10:54 | IS |
| Isophorone | ug/L | ND | 1.0 | 0.60 | 10/21/24 10:54 | |
| N-Nitroso-di-n-propylamine | ug/L | ND | 1.0 | 0.58 | 10/21/24 10:54 | |
| N-Nitrosodimethylamine | ug/L | ND | 1.0 | 0.34 | 10/21/24 10:54 | |
| N-Nitrosodiphenylamine | ug/L | ND | 1.0 | 0.68 | 10/21/24 10:54 | IS |
| Naphthalene | ug/L | ND | 2.5 | 0.67 | 10/21/24 10:54 | |
| Nitrobenzene | ug/L | ND | 1.0 | 0.59 | 10/21/24 10:54 | |
| Pentachlorophenol | ug/L | ND | 2.5 | 1.5 | 10/21/24 10:54 | IS |
| Phenanthrene | ug/L | ND | 1.0 | 0.66 | 10/21/24 10:54 | IS |
| Phenol | ug/L | ND | 1.0 | 0.25 | 10/21/24 10:54 | |
| Pyrene | ug/L | ND | 1.0 | 0.76 | 10/21/24 10:54 | IS |
| 2,4,6-Tribromophenol (S) | %. | 78 | 16-155 | | 10/21/24 10:54 | IS |
| 2-Fluorobiphenyl (S) | %. | 83 | 39-116 | | 10/21/24 10:54 | IS |
| 2-Fluorophenol (S) | %. | 52 | 10-85 | | 10/21/24 10:54 | |
| Nitrobenzene-d5 (S) | %. | 74 | 25-154 | | 10/21/24 10:54 | IS |
| Phenol-d6 (S) | %. | 32 | 10-73 | | 10/21/24 10:54 | |
| Terphenyl-d14 (S) | %. | 91 | 10-173 | | 10/21/24 10:54 | IS |

LABORATORY CONTROL SAMPLE: 3425842

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | ug/L | 9.8 | 9.3 | 95 | 57-130 | |
| 1,2-Dichlorobenzene | ug/L | 9.8 | 8.6 | 87 | 49-112 | |
| 1,2-Diphenylhydrazine | ug/L | 9.8 | 10.7 | 109 | 54-130 | |
| 1,3-Dichlorobenzene | ug/L | 9.8 | 8.3 | 85 | 17-154 | |
| 1,4-Dichlorobenzene | ug/L | 9.8 | 8.2 | 84 | 37-106 | |
| 2,4,6-Trichlorophenol | ug/L | 9.8 | 10.9 | 111 | 52-129 | |
| 2,4-Dichlorophenol | ug/L | 9.8 | 10.3 | 105 | 53-122 | |
| 2,4-Dimethylphenol | ug/L | 9.8 | 10.3 | 105 | 42-120 | |
| 2,4-Dinitrophenol | ug/L | 9.8 | 7.7 | 78 | 10-173 | |
| 2,4-Dinitrotoluene | ug/L | 9.8 | 9.9 | 101 | 48-127 | |
| 2,6-Dinitrotoluene | ug/L | 9.8 | 10.5 | 107 | 68-137 | |
| 2-Chloronaphthalene | ug/L | 9.8 | 10.1 | 103 | 65-120 | |
| 2-Chlorophenol | ug/L | 9.8 | 8.4 | 86 | 36-120 | |
| 2-Nitrophenol | ug/L | 9.8 | 10 | 102 | 45-167 | |
| 3&4-Methylphenol(m&p Cresol) | ug/L | 19.6 | 15.6 | 79 | 33-101 | |
| 3,3'-Dichlorobenzidine | ug/L | 9.8 | 9.2 | 94 | 8-213 | |
| 4,6-Dinitro-2-methylphenol | ug/L | 9.8 | 9.2 | 94 | 53-130 | |

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(304)241-5861

## QUALITY CONTROL DATA

Project: PERMIT RENEWAL
Pace Project No.: 30725488

LABORATORY CONTROL SAMPLE: 3425842

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| 4-Bromophenylphenyl ether | ug/L | 9.8 | 10.6 | 108 | 65-120 | |
| 4-Chlorophenylphenyl ether | ug/L | 9.8 | 9.3 | 95 | 38-145 | |
| 4-Nitrophenol | ug/L | 9.8 | 6.5 | 66 | 13-129 | |
| Acenaphthene | ug/L | 9.8 | 9.3 | 95 | 60-132 | |
| Acenaphthylene | ug/L | 9.8 | 9.7 | 99 | 54-126 | |
| Anthracene | ug/L | 9.8 | 10.5 | 107 | 43-120 | |
| Benzidine | ug/L | 9.8 | ND | 0 | 5-20 | L2 |
| Benzo(a)anthracene | ug/L | 9.8 | 10 | 102 | 42-133 | |
| Benzo(a)pyrene | ug/L | 9.8 | 10.1 | 103 | 32-148 | |
| Benzo(b)fluoranthene | ug/L | 9.8 | 10.0 | 102 | 42-140 | |
| Benzo(g,h,i)perylene | ug/L | 9.8 | 10.0 | 102 | 10-195 | |
| Benzo(k)fluoranthene | ug/L | 9.8 | 9.0 | 92 | 25-146 | |
| bis(2-Chloroethoxy)methane | ug/L | 9.8 | 9.5 | 97 | 49-165 | |
| bis(2-Chloroethyl) ether | ug/L | 9.8 | 8.8 | 89 | 43-126 | |
| bis(2-Chloroisopropyl) ether | ug/L | 9.8 | 8.8 | 90 | 63-139 | |
| bis(2-Ethylhexyl)phthalate | ug/L | 9.8 | 11.5 | 118 | 29-137 | |
| Butylbenzylphthalate | ug/L | 9.8 | 13.3 | 136 | 10-140 | |
| Chrysene | ug/L | 9.8 | 9.3 | 95 | 44-140 | |
| Di-n-butylphthalate | ug/L | 9.8 | 11.9 | 122 | 8-120 | L1 |
| Di-n-octylphthalate | ug/L | 9.8 | 12.7 | 130 | 19-132 | |
| Dibenz(a,h)anthracene | ug/L | 9.8 | 10.2 | 104 | 10-200 | |
| Diethylphthalate | ug/L | 9.8 | 9.5 | 97 | 10-120 | |
| Dimethylphthalate | ug/L | 9.8 | 9.4 | 96 | 10-120 | |
| Fluoranthene | ug/L | 9.8 | 10.6 | 108 | 43-121 | |
| Fluorene | ug/L | 9.8 | 9.2 | 94 | 70-120 | |
| Hexachloro-1,3-butadiene | ug/L | 9.8 | 9.1 | 92 | 38-120 | |
| Hexachlorobenzene | ug/L | 9.8 | 10.3 | 105 | 8-142 | |
| Hexachlorocyclopentadiene | ug/L | 9.8 | 10.2 | 104 | 34-152 | |
| Hexachloroethane | ug/L | 9.8 | 8.3 | 85 | 55-120 | |
| Indeno(1,2,3-cd)pyrene | ug/L | 9.8 | 10.4 | 106 | 10-151 | |
| Isophorone | ug/L | 9.8 | 9.6 | 98 | 47-180 | |
| N-Nitroso-di-n-propylamine | ug/L | 9.8 | 9.6 | 97 | 14-198 | |
| N-Nitrosodimethylamine | ug/L | 9.8 | 6.0 | 62 | 18-70 | |
| N-Nitrosodiphenylamine | ug/L | 9.8 | 10.5 | 107 | 46-132 | |
| Naphthalene | ug/L | 9.8 | 8.9 | 91 | 36-120 | |
| Nitrobenzene | ug/L | 9.8 | 9.1 | 93 | 54-158 | |
| Pentachlorophenol | ug/L | 9.8 | 9.5 | 97 | 38-152 | |
| Phenanthrene | ug/L | 9.8 | 10 | 102 | 65-120 | |
| Phenol | ug/L | 9.8 | 3.7 | 37 | 17-120 | |
| Pyrene | ug/L | 9.8 | 9.3 | 95 | 70-120 | |
| 2,4,6-Tribromophenol (S) | %. | | | 115 | 16-155 | |
| 2-Fluorobiphenyl (S) | %. | | | 92 | 39-116 | |
| 2-Fluorophenol (S) | %. | | | 53 | 10-85 | |
| Nitrobenzene-d5 (S) | %. | | | 98 | 25-154 | |
| Phenol-d6 (S) | %. | | | 38 | 10-73 | |
| Terphenyl-d14 (S) | %. | | | 89 | 10-173 | |

**Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.**

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16 Commerce Drive
Morgantown, WV 26501
(304)241-5861

# QUALIFIERS

Project: PERMIT RENEWAL
Pace Project No.: 30725488

## DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

## BATCH QUALIFIERS

Batch: 702387

| | |
|---|---|
| [1] | Retention times shifted during the analytical sequence such that the retention times for analytes in samples, QC samples, and standards fell outside of their respective retention time windows. |
| [2] | A matrix spike/matrix spike duplicate was not performed for this batch due to laboratory error. . |

Batch: 703479

| | |
|---|---|
| [M5] | A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume. |

## ANALYTE QUALIFIERS

| | |
|---|---|
| 1c | A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume. |
| 2c | A matrix spike/matrix spike duplicate was not performed for this batch due to laboratory error. . |
| 3c | Retention times shifted during the analytical sequence such that the retention times for analytes in samples, QC samples, and standards fell outside of their respective retention time windows. |
| B | Analyte was detected in the associated method blank. |
| E | Analyte concentration exceeded the calibration range. The reported result is estimated. |
| IS | The internal standard response is below criteria. Results may be biased high. |
| L1 | Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high. |
| L2 | Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low. |
| M1 | Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. |
| N2 | The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request. |

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(304)241-5861

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PERMIT RENEWAL
Pace Project No.: 30725488

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| **30725488001** | **COMP** | EPA 200.2 | 703138 | EPA 200.7 | 703234 |
| **30725488001** | **COMP** | EPA 245.1 | 702542 | EPA 245.1 | 702550 |
| **30725488002** | **GRAB** | EPA 1664A | 704264 | | |
| **30725488001** | **COMP** | SM 2540C-2015 | 703103 | | |
| **30725488002** | **GRAB** | EPA 335.4, Rev 1.0 | 702742 | EPA 335.4, Rev 1.0 | 703023 |
| **30725488001** | **COMP** | EPA 351.2, Rev 2.0 | 702224 | EPA 351.2, Rev 2.0 | 702670 |
| **30725488002** | **GRAB** | EPA 420.1 | 702937 | EPA 420.1 | 703059 |
| **30725488001** | **COMP** | SM 4500-P-B-11 | 702891 | SM 4500-P-E-11 | 703019 |
| **30725488001** | **COMP** | 10-107-04-1-C | 702620 | | |
| **30725488001** | **COMP** | EPA 625.1 Dec 2016 | 703479 | EPA 625.1 Dec 2016 | 703730 |
| **30725488002** | **GRAB** | EPA 624.1 Dec 2016 | 702387 | | |
| **30725488003** | **TRIP BLANK** | EPA 624.1 Dec 2016 | 702387 | | |



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Pace® Location Requested (City/State):
Pace Analytical Beaver
225 Industrial Park Drive, Beaver, WV 25813

# CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

**WO# : 30725488**

30725488

| | | | |
|---|---|---|---|
| Company Name: | City of Clarksburg WWTP | Contact/Report To: | Kelly Lanza |
| Street Address: | Municipal Building, Clarksburg, WV 26301 | Phone #: | |
| | | E-Mail: | klanza@cityofclarksburgwv.com |
| | | Cc E-Mail: | deddy@cityofclarksburgwv.com |
| Customer Project #: | | | |
| Project Name: | PERMIT RENEWAL | Invoice To: | Kelly Lanza |
| | | Invoice E-Mail: | klanza@cityofclarksburgwv.com |
| Site Collection Info/Facility ID (as applicable): | | Purchase Order # (if applicable): | 73-100483 |
| | | Quote #: | |
| Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET | | County / State origin of sample(s): | West Virginia |

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Composite Start Date | Composite Start Time | Collected or Composite End Date | Collected or Composite End Time | # Cont. | Res. Chlorine Results | Res. Chlorine Units | 335.4 BVR Cyanide, Total | 624.1 Volatile Organics | 625.1 Reduced Volume | BVR 1664 SGT-HEM, TPH | BVR 200.7 Metals Total; BVR 245.1 Mercury | BVR 2540C Total Dissol. Solids | BVR 351.2 Total Kjeldahl Nitro; BVR 4500PB Total P | BVR Phenolic Total Recoverable | Sample Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COMP | WT | G-P | 10/9/24 | 7:00am | 10/10/24 | 7:00 AM | | | | | | X | | X | X | X | | |
| GRAB 00837756 | WT | G | | | 10/10/24 | 7:00 AM | | | | X | X | | X | | | | X | |
| | | | | | | | | | | | | | | | | | | |
| trip Blank | | | | | | | 4 | | | | X | | | | | | | |
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Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: Heather Godbey

AcctNum / Client ID:

Table #:

Profile / Template: 21100

Prelog / Bottle Ord. ID: EZ 3058003

Preservation non-conformance identified for sample.

NON-CONFORMANCE
no pres. listed

Additional Instructions from Pace®:

Collected By: (Printed Name) Chad Marsh

Signature:

Customer Remarks / Special Conditions / Possible Hazards:

| # Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | On Ice: |
|---|---|---|---|---|---|
| | | | | | |

| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
|---|---|---|---|
| | 10-10-24 | | 10-24 10:42 |
| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
| 10.10.24 1600 | | 10/10/24 1600 | |
| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
| 10/10/24 1600 | 1730 | 10-10-24 | 1600 1730 |
| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

DC#_Title: ENV-FRM-BEAV-0058 v03_Pace WV Sample Condition Upon Receipt (
Effective Date: 2/8/2023

**WO# : 30725488**

**PM: HMG** **Due Date: 10/25/24**

**CLIENT: MW-CLARKSBU**

## LIMS30 Lab Sample Condition Upon Receipt (West Virgin

**Courier:** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ 3rd Party Courier ☑ Pace ☐ Other _____

**Tracking #:** _____

**Custody Seal on Cooler/Box/Containers Present:** ☐ yes ☑ no Seals intact: ☐ yes ☑ no

**Thermometer Used** M30 **Type of Ice:** Wet Blue None

**Cooler Temperature** **Observed Temp** 0.7 °C Correction Factor: 0 °C Final Temp: 0.7 °C

**Thermal Preservation Requirement Met** Yes ☑ No ☐

| pH paper Lot# | Date and Initials of person examining contents: |
|---|---|
| 2045264 | JC 10-10-24 |

| | Yes | No | N/A | |
|---|---|---|---|---|
| Chain of Custody Present: | ✓ | | | 1. |
| Chain of Custody Filled Out: | | ✓ | | 2. no pres. listed |
| Chain of Custody Relinquished: | ✓ | | | 3. |
| Sampler Name & Signature on COC: | ✓ | | | 4. |
| Sample Labels match COC: -Includes date/time/ID Matrix: GW | ✓ | | | 5. |
| Samples Arrived within Hold Time: | ✓ | | | 6. |
| **Short Hold Time Analysis (<72hr remaining):** | | ✓ | | 7. |
| **Rush Turn Around Time Requested:** | | ✓ | | 8. |
| Sufficient Volume: | ✓ | | | 9. |
| Correct Containers Used: -Pace Containers Used: | ✓ ✓ | | | 10. |
| Containers Intact: | ✓ | | | 11. |
| Orthophosphate field filtered: | | | ✓ | 12. |
| Hex Cr Aqueous sample field filtered: -pH adjusted within 24 hours? (If yes, indicate acid lot #) | | | ✓ ✓ | 13. |
| Filtered volume received for Dissolved tests: | | | ✓ | 14. |
| All containers have been checked for chemical preservation: exceptions: VOA, coliform, O&G, LLMercury, Non-aqueous matrix | ✓ | | | 15. |
| All containers meet method/chemical preservation requirements: | ✓ | | | Initial when completed JC Date: 10-10-24 |
| | | | | Tests not preserved: |
| Headspace in VOA Vials: | | ✓ | | 16. |
| Trip Blank Present: | ✓ | | | 17. |
| | | | | Initial when completed: JC Date: 10-10-24 |

Comments: _____

***PM review** is documented electronically in LIMS, when the Project Manager closes the SRF Review schedule in LIMS. The status may be reviewed in the Status section of the Workorder Edit Screen.

Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): West Virginia

Data Deliverables:

[ ] Level II [ ] Level III [ ] Level IV

[ ] EQUIS

[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

**Rush (Pre-approval required):**

[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Analysis Requested

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Composite Start Date | Composite Start Time | Collected or Composite End Date | Collected or Composite End Time | # Cont. | Res. Chlorine Results | Res. Chlorine Units | 335.4 BVR Cyanide, Total | 624.1 Volatile Organics | 625.1 Reduced Volume | BVR 1664 SGT-HEM, TPH | BVR 200.7 Metals Total; BVR 245.1 Mercury | BVR 2540C Total Dissol. Solids | BVR 351.2 Total Kjeldahl Nitro; BVR 4500PB Total P | BVR Phenolic Total Recoverable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COMP | WT | G-C | 10/9/24 | 7:00am | 10/10/24 | 7:00 AM | | | | | | X | | X | X | X | |
| GRAB | WT | G | | | 10/10/24 | 7:00 AM | | | | X | X | | X | | | | X |
| | | | | | | | | | | | | | | | | | |
| 000758 trip Blank | | | | | | | 4 | | | | X | | | | | | |
| | | | | | | | | | | | | | | | | | |

Received by Pace Greensburg
Therm ID 16 Corr Factor +/-0.8
Receipt Temp 6.2
Corrected Temp 5.4
Correct Preservation - Y/N
Res. Chlorine - Y/N Lot# 042V331-KR
Rad Samples Screened <0.05 mrem/hr - Y/N

NON-C
no p

Additional Instructions from Pace®: Survey Meter 25014380

Collected By: (Printed Name) Chad Marsh

Signature:

Customer Remarks / Special Conditions / Possible Hazard

# Coolers: Thermometer ID: Correction Fac

| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
|---|---|---|---|
| | 10-10-24 / | | 10:24 10:42 |
| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
| 10·10·24 1600 | | 10/10/24 1600 | |
| Relinquished by/Company: (Signature) 10/10/24 1800 | Date/Time: 1730 | Received by/Company: (Signature) 10-10-24 | Date/Time: 1800 173 |
| Relinquished by/Company: (Signature) 10-10-24 | Date/Time: 1800 | Received by/Company: (Signature) Nicely's Del. Service 10-10-24 | Date/Time: 1900 |

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Project Name:

Invoice E-mail:

Specify Container Size ***

Site Collection Info/Facility ID (as applicable):

Purchase Order # (if applicable):

Quote #:

Identify Container Preservative Type***

Analysis Requested

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s):

Data Deliverables:

[ ] Level II [ ] Level III [ ] Level IV

[ ] EQUIS

[ ] Other_____

Regulatory Program (DW, RCRA, etc.) as applicable:

Reportable [ ] Yes [ ] No

Rush (Pre-approval required):

[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day Other _____

Date Results Requested:

DW PWSID # or WW Permit # as applicable:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Composite Start | | Collected or Composite End | | # Cont. | Residual Chlorine | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Date | Time | Date | Time | | Result | Units |
| | | | | | | | | | |
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| | | | | | | | | | |

Additional Instructions from Pace® :

Collected By:

Printed Name

Signature

Customer Remarks / Special Conditions / Possible Haza

# Coolers: | Thermometer ID: | Correction Factor (°C):

| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
|---|---|---|---|
| Nicely's Del. Service | 10-10-24 2300 | | 10-10-24 2300 |
| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |
| Relinquished by/Company: (Signature) | Date/Time: | Received by/Company: (Signature) | Date/Time: |

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

000759

DC#_Title: ENV-FRM-BEAV-0058 v03_Pace WV Sample Condition Upon Receipt (
Effective Date: 2/8/2023

**WO# : 30725488**

**PM: HMG** **Due Date: 10/25/24**

**CLIENT: MW-CLARKSBU**

## LIMS30 Lab Sample Condition Upon Receipt (West Virgin

**Courier:** ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ 3rd Party Courier ☑ Pace ☐ Other _____

**Tracking #:** _____

**Custody Seal on Cooler/Box/Containers Present:** ☐ yes ☑ no Seals intact: ☐ yes ☑ no

**Thermometer Used** M30 **Type of Ice:** (Wet) Blue None

**Cooler Temperature** **Observed Temp** 0.7 °C Correction Factor: 0 °C Final Temp: 0.7 °C

**Thermal Preservation Requirement Met** Yes ☑ No ☐

| pH paper Lot# | Date and Initials of person examining contents: |
|---|---|
| 2-049264 | JC 10-10-24 |

| | Yes | No | N/A | |
|---|---|---|---|---|
| Chain of Custody Present: | ✓ | | | 1. |
| Chain of Custody Filled Out: | | ✓ | | 2. no pres. listed |
| Chain of Custody Relinquished: | ✓ | | | 3. |
| Sampler Name & Signature on COC: | ✓ | | | 4. |
| Sample Labels match COC: -Includes date/time/ID Matrix: GW | ✓ | | | 5. |
| Samples Arrived within Hold Time: | ✓ | | | 6. |
| **Short Hold Time Analysis (<72hr remaining):** | | ✓ | | 7. |
| **Rush Turn Around Time Requested:** | | ✓ | | 8. |
| Sufficient Volume: | ✓ | | | 9. |
| Correct Containers Used: | ✓ | | | 10. |
| -Pace Containers Used: | ✓ | | | |
| Containers Intact: | ✓ | | | 11. |
| Orthophosphate field filtered: | | | ✓ | 12. |
| Hex Cr Aqueous sample field filtered: | | | ✓ | 13. |
| -pH adjusted within 24 hours? (If yes, indicate acid lot #) | | | ✓ | |
| Filtered volume received for Dissolved tests: | | | ✓ | 14. |
| All containers have been checked for chemical preservation: exceptions: VOA, coliform, O&G, LLMercury, Non-aqueous matrix | ✓ | | | 15. |
| All containers meet method/chemical preservation requirements: | ✓ | | | Initial when completed JC Date: 10-10-24 |
| | | | | Tests not preserved: |
| Headspace in VOA Vials: | | ✓ | | 16. |
| Trip Blank Present: | ✓ | | | 17. |
| | | | | Initial when completed: JC Date: 10-10-24 |

Comments: _____

***PM review** is documented electronically in LIMS, when the Project Manager closes the SRF Review schedule in LIMS. The status may be reviewed in the Status section of the Workorder Edit Screen.

west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
dep.wv.gov

# ORDER NUMBER 8 2 6 0

ISSUED UNDER THE
WATER POLLUTION CONTROL ACT
WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 11

AMENDMENT NUMBER 1

CERTIFIED RETURN RECEIPT REQUESTED

DATE: May 9, 2023

TO: Clarksburg Sanitary Board
222 West Main Street
Clarksburg, WV 26301

Whereby, Administrative Order No. 8260 was issued on May 19, 2015, resultant to the Clarksburg Sanitary Board wastewater collection system being subject to all the state and federal statutes pertaining to combined sewer overflow (CSO) controls and the implementation of a CSO Long-Term Control Plan (LTCP) containing an Implementation Schedule of CSO abatement projects to meet ultimate requirements of the Clean Water Act, The 1994 USEPA CSO Control Policy and West Virginia's CSO LTCP Implementation Policy. The permittee was issued Modification No. 2 to WV/NPDES Permit WV0023302 on May 9, 2023 which contained revised dates for Phases V-VIII for the LTCP Implementation Schedule.

The following items are, hereby, revised to the ORDER FOR COMPLIANCE section of Administrative Order No. 8260:

- The previously established CSO Implementation Schedule shall be superseded by Attachment A, here to.
    - CSO Implementation Schedule Phase I through Phase IV dates have passed as of the date of this Amendment and remain unchanged. It is recognized that these Phases have been completed.
    - CSO Implementation Schedule Phase V through Phase VIII dates have been revised in accordance with WV/NPDES Permit Modification No. 2 issued May 9, 2023.

All other terms and conditions of Administrative Order No. 8260 shall remain unchanged and in effect.

This Amendment to the ORDER shall become effective after receipt.

## RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this Amendment to the Order which you aggrieved to the Environmental Quality Board by filing a NOTICE of APPEAL on the form prescribed by such Board, in accordance with the provisions of Sections 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after receipt of this Order.

Katheryn Emery, Director
Division of Water and Waste Management

KE:rc
cc w/attachment:
EPA Region 3
Environmental Inspector Supervisor

**Administrative Order No. 8260**
**Amendment No. 1**
**May 9, 2023**

**Attachment A**
**CSO Implementation Schedule**

**Phase I** – The permittee has completed the following items **on or before December 31, 2009.**

1. Replace an existing gravity sewer line in the Davisson Run area to the Hill-N-Dale subdivision to eliminate the requirements of two (2) lift stations.
2. Installation of a storm sewer in Adamston to separate storm water from sanitary sewage.
3. Cleaning of approximately 3,400 LF of gravity sewer line to maximize flow to the WWTP.
4. Perform miscellaneous manhole rehabilitation work (removed and replaced 11 manholes).
5. The permittee shall continue to submit a brief summation of current LTCP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.

**Phase II** – The permittee has completed the following items **on or before June 30, 2011.**

1. Implement a CSO discharge monitoring program by installing a minimum of two (2) flow meters and a minimum of four (4) flow detection probes in the most active CSOs.
2. In accordance with WVDEP NCM policy, establish and include in the City's CSO OMM, policies and procedures for documenting customer complaints (which will be available for public review), training for WWTP and Public Works personnel, maintaining an inventory of all critical CSO equipment, inspection and cleaning of all critical CSO equipment, reducing the occurrences of dry weather flows, controlling solids and floatable materials, and implementation o fa pollution prevention program.
3. Develop and implement a public education and awareness program concerning the significance and impacts of CSO events.
4. Record and document public involvement concerning CSO operations.
5. The permittee shall continue to submit a brief summation of current LTP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.

**Phase III** – The permittee has completed the following items **on or before February 28, 2016.**

1. Construct a screen building to house the fine bar scree, disinfection (chlorination/dichlorination or UV), construction of an additional primary clarifier, equipment and concrete channels, and all necessary site work, piping, electrical, and mechanical. The final WWTP upgrade

components and configuration and will be determined during development of the facility plan, which is due to be completed during Phase II, by June 30, 2011.

**Phase III (Continued)**

2. Install a minimum of eight (8) flow meters and fifty-one (51) flow detection probes in the remaining CSO outfalls.
3. Capital improvements shall include: (a) rebuild or replace three (3) process air blowers, (b) purchase a new flusher, (c) purchase new backhoe, (d) rehabilitate approximately 500 LF of sewer line, and rehabilitate two (2) manholes.
4. The permittee shall continue to submit a brief summation of current LTCP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
5. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase III construction.

**Phase IV** – The permittee shall complete the following items **on or before December 31, 2018.**

1. Separate approximately 10,000 linear feet of pipe in all sub-sewershed areas except Downtown. This work covers all CSOs except for the following: 004, 082, 006, 077, 020, 022, 028, 017, 030, 019, 021, 023, 025, 027, 033, 034, 036, and 045.
2. Capital improvements will include: (a) septage receiving building and septage receiving unit, (b) RAS pump VFDs, (c) replace 16" influent pump at WWTP influent pumping station, (d) replace slide gate at WWTP pumping station, (e) purchase bridge and jib cranes for WWTP pumping station, (f) replace chlorine hoist, (g) dredge and close an existing ash lagoon, (h) replace approximately 1,000 LF of sewer line, and rehabilitate three (3) manholes, (i) replace wet well screening unit, (j) replace approximately 150 LF of chlorine drain line.
3. The permittee shall continue to submit a brief summation of current LTCP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase IV construction.

**Phase V** – The permittee shall complete the following items **on or before December 31, 2027.**

1. Should it become necessary in order to achieve water quality in the receiving stream during CSO discharges, the permittee shall install an additional 11 MG storage facility including associated piping, plumbing, and required aeration facilities. Storage facility location will be determined after completion of the Phase IV post construction monitoring evaluation.
2. Capital improvements will include: (a) install a new roof on all buildings at the WWTP, (b) replace automatic composite samplers, (c) replace belt filter press and conveyor system, (d) upgrade to boiler system and piping, (f) rehabilitate CSOs in disrepair, (g) continued separation of storm sewers from the combined sewer system.

3. The permittee shall continue to submit a brief summation of current LTCP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase V construction.

**Monitoring Period** – The permittee shall monitor their system for a period of three (3) years**.**

**Phase VI** – The permittee shall complete the following items **on or before December 31, 2034.**

1. Should it become necessary in order to achieve water quality in the receiving stream during CSO discharges, the permittee shall install an additional 11 MG storage facility including associated piping, plumbing, and required aeration facilities. Storage facility location will be determined after completion of the Phase V post construction monitoring evaluation.
2. Capital improvements will include: (a) replace sludge return pumps, (b) replace sludge collectors in final clarifiers, and (c) purchase three (3) new dump trucks.
3. The permittee shall continue to submit a brief summation of current LTCP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase VI construction.

**Phase VII** – The permittee shall complete the following items **on or before December 31, 2038.**

1. Should it become necessary in order to achieve water quality in the receiving stream during CSO discharges, the permittee shall install an additional 11 MG storage facility including associated piping, plumbing, and required aeration facilities. Storage facility location will be determined after completion of the Phase VI post construction monitoring evaluation.
2. Capital improvements will include: (a) replace belt press, and (b) as needed, replace miscellaneous laboratory equipment and replace valves and piping throughout the WWTP, (c) rehabilitate approximately 2,000 LF of sewer, and (d) rehabilitate ten (10) manholes.
3. The permittee shall continue to submit a brief summation of current LTCP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase VII construction.

**Phase VIII** – The permittee shall complete the following items **on or before December 31, 2042.**

1. Should it become necessary in order to achieve water quality in the receiving stream during CSO discharges, the permittee shall complete the planning, selection, design and implementation of the CSO management practices and controls to meet the requirement of the

Clean Water Act (CWA), the 1994 USEPA Combined Sewer Overflow (CSO) Control Policy and other USEPA guidance documents, and West Virginia's CSO Long-Term Control Plan Implementation Policy.

2. The permittee shall continue to submit a brief summation of current LTCP activities in the semiannual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
3. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase VIII construction.

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**DIVISION OF WATER AND WASTE MANAGEMENT**
**601 57TH STREET SE**
**CHARLESTON, WV 25304-2345**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WATER POLLUTION CONTROL PERMIT

**NPDES PERMIT NO.:** WV0023302
**SUBJECT:** Sewage

**ISSUE DATE:** May 29, 2020
**EFFECTIVE DATE :** July 01, 2020
**EXPIRATION DATE:** May 28, 2025
**SUPERSEDES:** Permit No. WV0023302 dated May 19, 2015

| **LOCATION:** | CLARKSBURG | Harrison | West Fork River |
|---|---|---|---|
| | **(City)** | **(County)** | **(Drainage Basin)** |

**See the next page for a list of Outlets.**

**TO WHOM IT MAY CONCERN:**

**This is to certify that:** CLARKSBURG SANITARY BD
222 WEST MAIN ST
CLARKSBURG, WV 26301

**is hereby granted a West Virginia NPDES Water Pollution Control Permit to:**
operate and maintain an existing combined wastewater collection system and an existing 8.0 million gallons per day activated sludge wastewater treatment plant which are further described underneath.

A combined wastewater collection system comprised of approximately 230,500 linear feet of eight (8) inch diameter gravity sewer line, 28,600 linear feet of 10-inch diameter gravity sewer line, 59,100 linear feet of 12-inch diameter gravity sewer line, 12,100 linear feet of 15-inch diameter gravity sewer line, 260 linear feet of 16-inch diameter gravity sewer line, 7,900 linear feet of 18-inch diameter gravity sewer line, 26,100 linear feet of 24-inch diameter gravity sewer line, 4,100 linear feet of 30-inch diameter gravity sewer line, 21,300 linear feet of 36-inch diameter gravity sewer line, 8,300 linear feet of 48-inch diameter gravity sewer line, necessary manholes and cleanouts, five (5) lift stations, 4,100 linear feet of 30 inch diameter force main, and all requisite appurtenances.

A wastewater treatment plant comprised of two (2) mechanical bar screens, a fine bar screen, a vortex grit removal chamber and classifier, three (3) primary clarifiers with a volume of 224,000 gallons each, six (6) aeration basins with a volume of 205,000 gallons each, three (3) secondary clarifiers with a volume of 290,000 gallons each, three (3) chlorine contact chambers with a volume of 76,400 gallons each, dechlorination facilities, a gravity sludge thickener with a volume of 173,000 gallons, a two (2) meter sludge dewatering belt press, a septage receiving station, and all requisite appurtenances.

These facilities are designed to serve a population equivalent of approximately 80,000 persons in the City of Clarksburg, and environs, the Town of Anmoore, the Town of Stonewood, the Town of Nutter Fort, the East View Public Service District, the Summit Park Public Service District, the Sun Valley Public Service District, and a portion of the Greater Harrison County Public Service District, and discharge treated wastewater through Outlet No. 001 to the West Fork River, approximately 28.6 miles from its mouth, of the Monongahela River.

To operate and maintain disposal systems, best management practices, and the nine (9) minimum controls for the direct discharge of sanitary wastewater and storm water from Combined Sewer Overflow (CSO) Outlet Nos. C002, C003, C004, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, C016, C018, C043, C069, C077, C081, and C082 to the West Fork River of the Monongahela River; Outlet No. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, C040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C066 and C067B to Elk Creek of the West Fork River of the Monongahela River. These CSO outlets are permitted to discharge only when the hydraulic capacity of the collection and/or treatment system is exceeded during wet weather events.

To operate and maintain disposal systems and best management practices for the discharge of untreated storm water runoff through Outlet No. 085, Outlet No. 086, Outlet No. 087, Outlet No. 088, and Outlet No. 089 to the West Fork River of the Monongahela River.

To implement a Publicly Owned Treatment Works (POTW) Pretreatment Program.

To acquire, construct, install, operate and maintain improvements to the existing wastewater treatment plant (WWTP) to be comprised of a septage receiving building and septage receiving unit, return activated sludge pump variable frequency drives, replace 16 inch influent pump at the WWTP influent pumping station, replace slide gate at WWTP pumping station, purchase bridge and jib cranes for WWTP pumping station, replace chlorine hoist, replace wet well screening unit, replace approximately 150 linear feet of chlorine drain line, and all requisite appurtenances.

To acquire, construct, install, operate and maintain improvements to the existing wastewater collection system to be comprised of replacement of approximately 1,100 linear feet of 24-inch diameter gravity sewer line, seven (7) manholes, associated storm sewer line work relative to the wastewater collection system improvements, and all requisite appurtenances.

To acquire, construct, install, operate and maintain the dredging and closure of the existing ash lagoon.

**This permit is subject to the following terms and conditions :**
The information submitted on, and with, Permit Application No. WV0023302, on the 4th day of December 2019, additional information, received the 28th day of January 2020, and additional information, received on the 13th day of February 2020, are all, hereby, made terms and conditions of this permit with like effect as if all such permit application information was set forth herein, and with other conditions set forth in Sections A, B, C, D, E, and F, and Appendix A.

The wastewater collection system and wastewater treatment plant improvements projects shall be constructed in accordance with the approved plans and specifications listed below:

. Date Approved: August 9, 2019

. Prepared By: The Thrasher Group
. 600 White Oaks Boulevard
. Bridgeport, WV 26330

. Title: City of Clarksburg Sanitary Board
. Harrison County, West Virginia
. Contract #1 - Septage Receiving Station and Wastewater Treatment Plant Improvements
. Contract #2 - Sanitary Sewer Collection System Improvements

. Contract #3 - Ash Lagoon Rehabilitation
. SRF Project No. C-544459

**The validity of this permit is contingent upon the payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.**

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| 001 | 39°18'24" | 80°21'06" | WEST FORK RV | 28.6 | N/A |
| 085 | 39°18'16" | 80°21'01" | WEST FORK RV | 28.76 | N/A |
| 086 | 39°18'15" | 80°21'02" | WEST FORK RV | 28.8 | N/A |
| 087 | 39°18'11" | 80°21'04" | WEST FORK RV | 28.88 | N/A |
| 088 | 39°18'09" | 80°21'06" | WEST FORK RV | 28.94 | N/A |
| 089 | 39°18'08" | 80°21'07" | WEST FORK RV | 28.99 | N/A |
| C002 | 39°18'06" | 80°21'08" | WEST FORK RV -- No Monitoring Required | 29.05 | N/A |
| C003 | 39°17'59" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 29.2 | N/A |
| C004 | 39°17'30" | 80°21'14" | WEST FORK RV -- No Monitoring Required | 30.12 | N/A |
| C005 | 39°17'01" | 80°21'28" | WEST FORK RV -- No Monitoring Required | 30.97 | N/A |
| C006 | 39°16'58" | 80°21'25" | WEST FORK RV -- No Monitoring Required | 31.04 | N/A |
| C007 | 39°16'53" | 80°21'24" | WEST FORK RV -- No Monitoring Required | 31.16 | N/A |
| C008 | 39°16'13" | 80°21'22" | WEST FORK RV -- No Monitoring Required | 32.71 | N/A |
| C009 | 39°16'51" | 80°21'11" | WEST FORK RV -- No Monitoring Required | 31.38 | N/A |
| C010 | 39°16'18" | 80°21'19" | WEST FORK RV -- No Monitoring Required | 32.58 | N/A |
| C011 | 39°16'51" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 31.41 | N/A |
| C012 | 39°16'33" | 80°21'23" | WEST FORK RV -- No Monitoring Required | 32.21 | N/A |
| C013 | 39°16'38" | 80°21'06" | WEST FORK RV -- No Monitoring Required | 31.96 | N/A |
| C014 | 39°16'41" | 80°21'05" | WEST FORK RV -- No Monitoring Required | 31.88 | N/A |
| C015 | 39°16'50" | 80°20'57" | WEST FORK RV -- No Monitoring Required | 31.7 | N/A |
| C016 | 39°16'42" | 80°21'00" | WEST FORK RV -- No Monitoring Required | 31.8 | N/A |
| C017 | 39°17'12" | 80°20'36" | ELK CK -- No Monitoring Required | 2.8 | N/A |
| C018 | 39°16'47" | 80°20'58" | WEST FORK RV -- No Monitoring Required | 31.7 | N/A |
| C019 | 39°17'00" | 80°20'30" | ELK CK -- No Monitoring Required | 1.14 | N/A |
| C020 | 39°16'55" | 80°21'06" | ELK CK -- No Monitoring Required | 0.02 | N/A |
| C021 | 39°16'59" | 80°20'27" | ELK CK -- No Monitoring Required | 1.2 | N/A |
| C022 | 39°17'04" | 80°21'08" | ELK CK -- No Monitoring Required | 0.33 | N/A |
| C023 | 39°16'58" | 80°20'25" | ELK CK -- No Monitoring Required | 1.24 | N/A |
| C025 | 39°16'56" | 80°20'21" | ELK CK -- No Monitoring Required | 1.3 | N/A |

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| C027 | 39°16'55" | 80°20'17" | ELK CK -- No Monitoring Required | 1.36 | N/A |
| C028 | 39°17'05" | 80°21'06" | ELK CK -- No Monitoring Required | 0.55 | N/A |
| C030 | 39°17'09" | 80°20'33" | ELK CK -- No Monitoring Required | 0.92 | N/A |
| C033 | 39°16'55" | 80°20'04" | ELK CK -- No Monitoring Required | 1.6 | N/A |
| C034 | 39°16'50" | 80°20'04" | ELK CK -- No Monitoring Required | 1.69 | N/A |
| C036 | 39°16'43" | 80°20'05" | ELK CK -- No Monitoring Required | 1.84 | N/A |
| C038 | 39°16'40" | 80°20'05" | ELK CK -- No Monitoring Required | 1.89 | N/A |
| C040 | 39°16'33" | 80°20'06" | ELK CK -- No Monitoring Required | 2.02 | N/A |
| C042 | 39°16'28" | 80°20'10" | ELK CK -- No Monitoring Required | 2.14 | N/A |
| C043 | 39°17'18" | 80°21'10" | WEST FORK RV -- No Monitoring Required | 30.49 | N/A |
| C044 | 39°16'19" | 80°20'04" | ELK CK -- No Monitoring Required | 2.48 | N/A |
| C045 | 39°16'43" | 80°20'06" | ELK CK -- No Monitoring Required | 1.83 | N/A |
| C046 | 39°16'20" | 80°20'04" | ELK CK -- No Monitoring Required | 2.5 | N/A |
| C047 | 39°16'40" | 80°20'06" | ELK CK -- No Monitoring Required | 1.89 | N/A |
| C049 | 39°16'38" | 80°20'06" | ELK CK -- No Monitoring Required | 1.93 | N/A |
| C050 | 39°16'21" | 80°20'03" | ELK CK -- No Monitoring Required | 2.52 | N/A |
| C051 | 39°16'36" | 80°20'06" | ELK CK -- No Monitoring Required | 1.97 | N/A |
| C052 | 39°16'25" | 80°20'00" | ELK CK -- No Monitoring Required | 2.61 | N/A |
| C053 | 39°16'26" | 80°20'12" | ELK CK -- No Monitoring Required | 2.18 | N/A |
| C057 | 39°16'34" | 80°19'44" | ELK CK -- No Monitoring Required | 2.92 | N/A |
| C060 | 39°16'29" | 80°19'50" | ELK CK -- No Monitoring Required | 2.78 | N/A |
| C062 | 39°16'33" | 80°19'44" | ELK CK -- No Monitoring Required | 2.9 | N/A |
| C064 | 39°16'33" | 80°19'29" | ELK CK -- No Monitoring Required | 3.26 | N/A |
| C065 | 39°16'05" | 80°19'30" | ELK CK -- No Monitoring Required | 4.61 | N/A |
| C066 | 39°16'32" | 80°19'22" | ELK CK -- No Monitoring Required | 3.36 | N/A |
| C067B | 39°16'02" | 80°19'17" | ELK CK -- No Monitoring Required | 4.82 | N/A |
| C069 | 39°16'20" | 80°21'16" | WEST FORK RV -- No Monitoring Required | 32.53 | N/A |
| C072 | 39°16'16" | 80°19'19" | ELK CK -- No Monitoring Required | 4.25 | N/A |
| C073 | 39°16'14" | 80°21'20" | WEST FORK RV -- No Monitoring Required | 32.65 | N/A |

| Inspectable Unit | Latitude | Longitude | Receiving Stream | Dist. to Stream Mouth (in Mile) | Milepost |
|---|---|---|---|---|---|
| C077 | 39°16'53" | 80°21'09" | WEST FORK RV -- No Monitoring Required | 31.45 | N/A |
| C078 | 39°16'32" | 80°21'04" | WEST FORK RV -- No Monitoring Required | 32.07 | N/A |
| C081 | 39°17'42" | 80°21'30" | WEST FORK RV -- No Monitoring Required | 29.75 | N/A |
| C082 | 39°17'12" | 80°21'20" | WEST FORK RV -- No Monitoring Required | 30.69 | N/A |
| S01 | 39°18'24" | 80°21'06" | N/A | N/A | N/A |

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | Other Units | | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A) | N/A | N/A | N/A | Rpt Only Minimum | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | Continuous | measured |
| 00310 - (BOD, 5-Day 20 Deg.C) (Summer May 1-Oct 31) (ML-B) (RF-A) | 2002 Avg. Monthly | 4003 Max. Daily | Lbs/Day | N/A | 20 Avg. Monthly | 40 Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00310 - (BOD, 5-Day 20 Deg.C) (Winter Nov 1-Apr 30) (ML-B) (RF-A) | 3002 Avg. Monthly | 6005 Max. Daily | Lbs/Day | N/A | 30 Avg. Monthly | 60 Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00530 - (Total Suspended Solids) (Year Round) (ML-A) (RF-A) | 3002 Avg. Monthly | 6005 Max. Daily | Lbs/Day | N/A | 30 Avg. Monthly | 60 Max. Daily | mg/l | 1/week | 24 hr Composite |
| 51012 - (BOD,5-day % Rem,dry weath (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 85 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51013 - (BOD,5-day %Rem,wet weathe (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 75 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51014 - (Solids,Susp.% Rem,dry weatl (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 85 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |
| 51015 - (Solids,Susp.% Rem,wet weatl (Year Round) (ML-K) (RF-A) | N/A | N/A | N/A | 70 Month. Avg. Min. | N/A | N/A | Percent | 2/month | Calculated |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 74055 - (Coliform, Fecal)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | N/A | 200<br>Mon. Geo. Mean | 400<br>Max. Daily | Cnts/100ml | 2/month | Grab |
| 00400 - (pH)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | 6<br>Inst. Min. | N/A | 9<br>Inst. Max. | S.U. | 1/week | Grab |
| 00300 - (Dissolved Oxygen)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | 7<br>Inst. Min. | N/A | N/A | mg/l | 2/week | Grab |
| 00610 - (Ammonia Nitrogen)<br>(Summer May 1-Oct 31) (ML-A) (RF-A) | 550<br>Avg. Monthly | 1101<br>Max. Daily | Lbs/Day | N/A | 5.5<br>Avg. Monthly | 11<br>Max. Daily | mg/l | 1/week | 24 hr Composite |
| 00610 - (Ammonia Nitrogen)<br>(Winter Nov 1-Apr 30) (ML-A) (RF-A) | 1101<br>Avg. Monthly | 2202<br>Max. Daily | Lbs/Day | N/A | 11<br>Avg. Monthly | 22<br>Max. Daily | mg/l | 1/week | 24 hr Composite |
| 50060 - (Chlorine, Total Residual)<br>(Year Round) (ML-A) (RF-A) | N/A | N/A | N/A | N/A | 0.04<br>Avg. Monthly | 0.057<br>Max. Daily | mg/l | 1/week | Grab |
| 01119 - (Copper, Total Recoverable)<br>(Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01114 - (Lead, Total Recoverable)<br>(Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | 24 hr Composite |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 01094 - (Zinc, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01002 - (Arsenic, Total (as As)) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01113 - (Cadmium, Total Recoverable) (Year Round) (ML-A) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 01032 - (Chromium, Hexavalent) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 00718 - (Cyanide, Weak Acid Dissocial (Year Round) (ML-A) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | Grab |
| 71900 - (Mercury, Total (as Hg)) (Year Round) (ML-A) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | ug/l | 1/quarter | Grab |
| 01074 - (Nickel, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |
| 01079 - (Silver, Total Recoverable) (Year Round) (ML-A) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | 24 hr Composite |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.001 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 001 (Sanitary)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00951 - (Fluoride, Total) (Year Round) (ML-A) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/quarter | 24 hr Composite |
| 61426 - (Chronic Tox-Ceriodaphnia Du (Year Round) (ML-B) (RF-D) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUc | 1/year | 24 hr Composite |
| 61428 - (Chronic Toxicity - Pimephales (Year Round) (ML-B) (RF-D) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | TUc | 1/year | 24 hr Composite |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Effluent BOD5 samples shall be collected at a location immediately preceding disinfection. All other effluent samples shall be collected at, or as near as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.085 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 085 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.085 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 085 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTI | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.086 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 086 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant)<br>(Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal)<br>(Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand)<br>(Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.086 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 086 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.087 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 087 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | Other Units | | Units | | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.087 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 087 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.088 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 088 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | Other Units | | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.088 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 088 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF | N/A | N/A | N/A | N/A | Rpt Only | Rpt Only | mg/l | 1/6 months | Grab |
| (Year Round) (ML-1) (RF-C) | | | | | Avg. Monthly | Max. Daily | | | |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.089 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 089 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | Other Units | | Units | Measurement Frequency | Sample Type |
| 50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mgd | 1/quarter | Estimated |
| 00310 - (BOD, 5-Day 20 Deg.C) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 74055 - (Coliform, Fecal) (Year Round) (ML-1) (RF-B) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | 400 Max. Daily | Cnts/100ml | 1/quarter | Grab |
| 00400 - (pH) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | Rpt Only Inst. Min. | N/A | Rpt Only Inst. Max. | S.U. | 1/6 months | Grab |
| 00610 - (Ammonia Nitrogen) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |
| 81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.089 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to discharge from Outlet Number(s) 089 (Storm Water Runoff)

**Such discharges shall be limited and monitored by the permittee as specified below:**

| Effluent Characteristic | Discharge Limitations | | | | | | | Monitoring Requirements | |
|---|---|---|---|---|---|---|---|---|---|
| | Quantity | | Units | | Other Units | | Units | Measurement Frequency | Sample Type |
| 00552 - (Oil and Grease, Hexane EXTF (Year Round) (ML-1) (RF-C) | N/A | N/A | N/A | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | mg/l | 1/6 months | Grab |

**Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):**
Samples shall be collected at, or as close as possible to, the point of discharge.

**This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.**

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Quantity | | Units | Limitations | Other Units | | Units | Monitoring Requirements: Measurement Frequency | Monitoring Requirements: Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 00400 - (pH)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | Rpt Only<br>Minimum | N/A | Rpt Only<br>Maximum | S.U. | 1/quarter | Grab |
| 61521 - (Arsenic, Sludge Tot. Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78476 - (Cadmium,Sludge,Tot Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78473 - (Chromium, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78475 - (Copper,Sludge,Tot,Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78468 - (Lead, Dry. Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78471 - (Mercury, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78465 - (Molybdenum,Dry Wgt)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Quantity | | Units | Limitations | Other Units | | Units | Monitoring Requirements: Measurement Frequency | Monitoring Requirements: Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 78469 - (Nickel, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 49031 - (Selenium,Sludge,Tot. Dry Wt.<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78467 - (Zinc, Dry Wt.)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 00916 - (Calcium, Total (as Ca))<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 61553 - (Solids, Total Sludge Percent)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | Rpt Only<br>Minimum | Rpt Only<br>Avg. | Rpt Only<br>Maximum | Percent | 1/quarter | 1 Week Comp |
| 78472 - (Potassium, Sludge Tot. Dry W<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 78478 - (Phosphorus,Sludge,Tot,Dry W<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 82294 - (Nitrogen, Ammonia Tot. DW)<br>(Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only<br>Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

**A.S01 SEWAGE SLUDGE LIMITATIONS AND MONITORING REQUIREMENTS:**

**Permit Limits**

During the period beginning 7/1/2020 and lasting through midnight 5/28/2025 the permittee is authorized to dispose sludge in accordance with the following from Outlet Number S01 (Sludge)

| Effluent Characteristic | Limitations Quantity | | Units | | Other Units | | Units | Monitoring Requirements Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|
| 78470 - (Nitrogen, Sludge Tot. Dry Wt) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 51020 - (Organic Nitrogen) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |
| 00927 - (Magnesium,Tot (as Mg)) (Year Round) (ML-+) (RF-B) | N/A | N/A | N/A | N/A | N/A | Rpt Only Maximum | mg/kg | 1/quarter | 1 Week Comp |

Sludge

## B. SCHEDULE OF COMPLIANCE

1. **The permitee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :**

   Effective date of permit.

2. **Reports of compliance or non-compliance with, and progress reports on interim and final requirements contained in the above compliance schedule, if any, shall be postmarked no later than 14 days following each schedule date.**

## Section C - Other Requirements

1. The herein-described treatment works, structures, electrical and mechanical equipment shall be adequately protected from physical damage by the maximum expected one hundred (100) year flood level, and operability shall be maintained during the twenty-five (25) year flood level.
2. The entire sewage treatment facility shall be adequately protected by fencing.
3. The proper operation and maintenance of the listed sewage treatment facility shall be performed, or supervised, by a certified operator possessing at least a Class IV certificate for Wastewater System Operators, as issued by the State of West Virginia. The on-site attendance of this facility's Class IV operator shall be determined, and directed, by the Bureau for Public Health, Office of Environmental Health Services.
4. The arithmetic mean of values for effluent samples collected in a period of seven (7) consecutive days shall not exceed 45.0 mg/l for five (5) day Biochemical Oxygen Demand (BOD5), winter limitation, and Total Suspended Solids (TSS). Furthermore, the permittee may submit mitigating factors as an attachment to its Discharge Monitoring Report (DMR) related to an excursion of this requirement. The Director may choose to take those mitigating factors into consideration in determining whether enforcement action is required.
5. The permittee shall submit monthly according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration and/or quantities the values of the constituents listed in Section A analytically determined to be in the plant effluent(s). Additional information pertaining to effluent monitoring and reporting can be found in Appendix A, Part III.
6. The required DMRs shall be received by the agency no later than 25 days following the end of the reporting period in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

**Director**
**Division of Water and Waste Management**
**601 57th Street, SE**
**Charleston, West Virginia 25304**
**Attn: Permitting Program**

**U. S. Environmental Protection Agency**
**Region III, Water Protection Division**
**NPDES Enforcement Branch (3WP42)**
**1650 Arch Street**
**Philadelphia, PA 19103**

**Department of Environmental Protection**
**Environmental Enforcement**
**2031 Pleasant Valley Road**
**Fairmont, West Virginia 26554**

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
7. For any noncompliance reports required to be submitted in writing by Appendix A, Part IV of this Permit, a copy of said report shall also be forwarded to the Environmental Protection Agency (EPA) at the address specified in Section C.6.b of this permit.
8. The permittee shall not use alternate DMRs without prior approval from this agency.
9. In conjunction with all other reporting requirements of this permit, copies of all future correspondence regarding this permit will be forwarded to the Environmental Inspector and Environmental Inspector Supervisor at the following address:

**Department of Environmental Protection**
**Environmental Enforcement**
**2031 Pleasant Valley Road**
**Fairmont, West Virginia 26554**

## Section C - Other Requirements

10. The average daily design flow of the Publicly Owned Treatment Works (POTW)has been established at 8.0 million gallons per day (MGD). When the average monthly effluent flow reported on Discharge Monitoring Reports reaches, or exceeds, 90 percent of the established average design flow (7.2 MGD) during three (3) consecutive monthly periods, the permittee shall submit a Plan of Action to the Director. The Plan of Action shall present, at a minimum, an analysis of current hydraulic and organic loadings on the plant, an analysis of the future projected loadings, and a Schedule of Tasks to accomplish procedures necessary to maintain required treatment levels.

    Should the permittee experience and report average monthly flows at or greater than 7.2 MGD during three (3) consecutive monthly periods, but can demonstrate that these monthly average flows resulted from the maximization of wet weather flow through the POTW in accordance with the Combined Sewer Overflow requirements of this permit, then submission of the following information shall satisfy the requirement in Section C.10 above for the submission of a Plan of Action:

    a. During the period, compliance with applicable BOD5, TSS, and Fecal Coliform effluent limitations was maintained.

    b. Average monthly dry weather flows experienced at the POTW over the period are less than 7.2 MGD.

    c. The permittee is compliant with the Combined Sewer Overflow requirements of this permit, and that continued operation in accordance with said requirements will ensure the maintenance of required treatment levels.

11. Should any future collection system extensions be projected to cause an increase in the wastewater flow to the POTW that is equal to or greater than 400,000 gallons per day (5% of average monthly design flow), then the permittee shall immediately contact the Director to secure approval of said extension. After consideration of the complexity of the projected extension and the available treatment capacity of the POTW, the Director may require the permittee to seek approval of said extension through a modification of the permit.

12. All monitoring shall be conducted in accordance with sample collection, preservation, and analytical procedures specified in 40 CFR Part 136. The analytical test procedures, set forth in 40 CFR Part 136, prescribe colorimetric methods for certain parameters. The digestion process for the performance of total recoverable is not sufficient for the utilization of a colorimetric procedure. Therefore, colorimetric procedures shall not be acceptable for the analysis of parameters prescribed as total recoverable.

13. Effluent monitoring for the following pollutants shall be conducted using the most sensitive methods and detection levels commercially available and economically feasible. The following methods are to be used unless the permittee desires to use an EPA Approved Test Method with a listed lower method detection level (MDL). Regardless, it is recognized that detection levels can vary from analysis to analysis and that non-detect results at a different MDL for the specified test method would not constitute a permit violation.

| Parameter | EPA Method No. | Method Detection Level (ug/l) |
|---|---|---|
| Copper, Total Recoverable | 200.8 | 0.5 |
| Lead, Total Recoverable | 200.8 | 0.6 |
| Zinc, Total Recoverable | 200.8 | 1.8 |
| Chromium, Dissolved Hexavalent | 218.6 | 0.6 |
| Arsenic, Total | 200.8 | 1.4 |
| Nickel, Total Recoverable | 200.8 | 0.5 |
| Cadmium, Total Recoverable | 200.8 | 0.5 |
| Silver, Total Recoverable | 200.8 | 0.1 |
| Mercury, Total* | 245.7 | 0.0018 |
| Mercury, Total* | 1631 | 0.0002 |
| Cyanide, Free | Refer to Section C.14 | |

*The permittee may use either Method 245.7 or Method 1631 for the analysis of mercury.

14. For the measurement of Free Cyanide, the permittee shall use the standard method for weak acid dissociable cyanide, as specified in the latest edition of Standard Methods.

## Section C - Other Requirements

15. The Division recognizes that the permittee may not be able to achieve established MDLs due to matrix interferences. The Division also believes that it is important to distinguish between instances when the MDLs are not achieved due to poor laboratory technique and when, in fact, matrix interferences do occur. Therefore, if the permittee believes that it cannot achieve an MDL sensitive enough to confirm compliance, then the permittee may pursue the development of a lab-specific MDL in accordance with procedures outlined and specified in Appendix B of 40 CFR Part 136. Should it be determined that there are matrix interferences which preclude the permittee's certified laboratory from achieving the published MDL, the permit may be reopened and the MDL can be modified accordingly.
16. In incidences where a specific test method is not defined, the permittee shall utilize an EPA approved method with a MDL sensitive enough to confirm compliance with the permit effluent limit for that parameter. If a MDL is not sensitive enough to confirm compliance, the most sensitive approved method must be used. If a more sensitive EPA approved method becomes available, that method shall be used. Should the current and/or new method not be sensitive enough to confirm compliance with the permitted effluent limit, analytical results reported as "not detected" at the MDL of the most sensitive method available will be deemed compliant for purposes of permit compliance.
17. Any "not detected (ND)" sampling result obtained by the permittee must be "ND" at the method detection limit (MDL) for the test method used for that parameter and shall be reported on the DMR as less than the MDL used (<MDL). The permittee shall not report a sampling result as Zero or "ND" or report the result as less than a minumum level (ML), reporting limit (RL), or practical quantitation limit (PQL).

    When averaging values of analytical results for DMR reporting purposes for monthly averages, the permittee should use actual analytical results when these results are greater than or equal to the MDL and should use zero (0) when these results are less than the MDL. If all analytical results are non-detect at the MDL (<MDL), then the permittee should use the actual MDL in the calculation for averaging and report the result as less than the average calculation.
18. Over the term of this permit, the permittee is allowed up to three (3) excursion(s) of the maximum daily fecal coliform effluent limitation prescribed in Section A.001. The number of allowed excursions is based upon one (1) percent of the number of required self-monitoring events. Utilization of the excursion allowance is conditioned as follows:
    a. Excursion allowances are afforded only to self-monitoring results and only when self-monitoring activities assess compliance with the maximum daily effluent limitation by analysis of an individual grab sample. No excursion allowance can be applied to analytical results obtained by representatives of the Director in the performance of their compliance assessment activities. Additionally, representatives of the Director may assess compliance with the maximum daily effluent limitation by collection and analysis of an individual grab sample.
    b. No more than one (1) excursion may be utilized in any calendar month.
    c. The excursion allowance is contingent upon the permittee's prompt return to compliance as evidenced by the next required fecal coliform self-monitoring event.
    d. The result for which an excursion allowance is claimed shall be included in the calculation of the average monthly effluent value.
    e. Should an excursion allowance be utilized by the permittee, said allowance shall be reported as an attachment to the Discharge Monitoring Report. This attachment should state that (1) an excursion allowance was taken in accordance with the requirements outlined above, (2) the total number of allowances taken to date during the term of this permit, and (3) the total number of allowances remaining during the term of this permit. The permittee shall maintain an on-site record of the excursion allowances utilized during the term of the permit.
19. The permittee shall be required to test the sewage treatment plant's influent in order to calculate the percent (%) removal parameters for BOD5 and TSS contained in Section A.001 of this permit. Influent sampling requirements include:

## Section C - Other Requirements

19. a. Percent removal shall be defined as a percentage expression of the removal efficiency across the wastewater treatment plant for a given pollutant parameter, as determined from the thirty day average values of the influent concentrations to the facility and the thirty day average effluent pollutant concentrations. Only influent and effluent samples taken concurrently as specified below shall be used for reporting.

    b. Influent BOD5 and TSS samples shall be collected using the permittee's established sampling schedule at least four (4) times per month for the wastewater treatment facility. The permittee should not vary from their established sampling schedule, however, they should attempt to collect at least two (2) wet weather-influent samples per month and two (2) dry weather-influent samples per month. Additionally, the Division recognizes that meteorological conditions during any specific week, or any specific month, may prevent the collection of dry weather or wet weather samples during the established sampling schedule at the recommended frequencies. If the permittee does not discharge during wet-weather conditions, the permittee should indicate "No wet weather discharge" on the Discharge Monitoring Report for that reporting period.

    c. The permittee shall collect representative BOD5 and TSS influent samples using their established sampling procedures over a 24 hour period.

    d. Influent BOD5 and TSS sampling shall be performed over the same 24 hour time period as the effluent BOD5 and TSS sampling.

    e. Wet weather shall be defined for this specific requirement as a day in which the total measured volume of wastewater through the wastewater plant at Outlet No. 001 exceeds 8.0 MGD.

20. Total Residual Chlorine (TRC) self-monitoring and compliance evaluations shall be performed as follows:

    a. The permittee shall use EPA-approved (or accepted) analytical methods that are sensitive enough to determine compliance with calculated permit effluent limitations. Examples of acceptable methods that meet the method detection limit (MDL) requirements are:
    HACH ULR Chlorine Residual DPD Colormetric Method 10014 (Published MDL of 2 ug/l)
    HACH Chlorine Amperometric Back Titration Method 10025 (Published MDL of 6 ug/l).

    b. The calculated permit effluent limitations for TRC in most current circumstances are not quantifiable using EPA approved (or accepted) analytical methods. An interim minimum level (IML) is calculated when a method-specified minimum level does not exist. The IML is approximately equal to 3.18 times the lab-specified MDL. Based upon current knowledge and technology, the Division has determined that an interim minimum level of 100 ug/l shall be used as the compliance evaluation level for TRC.

    c. Matrix interference precludes most of the State's certified WWTP laboratories from achieving the published MDL as specified and also precludes the Division from determining compliance with the calculated permit effluent limitations for TRC. Based upon data collected concerning lab-specific MDLs by the Division from a number of the State's certified WWTP laboratories, it has been determined that a WV-specified reporting level for TRC should be established at 32 ug/l.

    d. When actual analytical results are greater than or equal to 32 ug/l, the permittee shall report these actual analytical results on the Discharge Monitoring Report (DMR). The permittee shall report "less than (<) 32 ug/l" on the DMR when results are less than the WV-specified MDL.

    e. When calculating averages of analytical result values, the permittee shall use the actual analytical result when these results are greater than or equal to 32 ug/l. Additionally, when calculating averages of analytical result values, the permittee shall use zero (0) when the actual analytical result obtained is less than 32 ug/l.

21. The permittee shall annually (1/year) perform chronic toxicity tests as described below, on the effluent from Outlet No. 001:

    a. Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. 24-hour flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing. An appropriate statistical test shall be used to determine whether differences in control and effluent data are significant.

## Section C - Other Requirements

21. a. 1) The permittee shall conduct a three (3) brood (6-8 days) Ceriodaphnia Dubia survival and reproduction toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confident level in survival or reproduction between Ceriodaphnia Dubia exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20 percent of the test organisms die, or less than 60 percent of surviving females in controls produced their third brood, that test shall be repeated.

2) The permittee shall conduct a seven (7) day Pimephales Promelas fathead minnow larval survival and growth toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confidence level in survival or growth between fathead minnows exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20 percent of the test organisms die, or average dry weight of surviving controls was less than 0.25 mg/l that test shall be repeated.

b. Results shall be reported in terms of chronic toxic units (TUc) and shall be submitted with the corresponding monthly Discharge Monitoring Report (DMR).

TUc= 100/NOEC or NOEL
Where NOEC (or NOEL) is No Observed Effect Concentration (or Level), which is expressed as percent (volume) effluent in dilution water.
For Example, if NOEC is 10%, TUc= 100/10=10

When the effluent demonstrates no toxicity at 100% effluent (no observed effect), the permittee may report zero TUc.

c. The monitoring required, herein, shall be conducted in accordance with the sample collection, preservation, and analytical procedures specified in 40 CFR Part 136.

d. In addition to the monitoring data reporting requirements of 40 CFR Part 136, the exact age of the test organisms at the initiation of the test shall be reported. Values of less than or equal to 24 hours are acceptable for Pimephales Promelas, fathead minnow. The range of the Ceriodaphnia Dubia used must be reported as a range in hours. All Ceriodaphnia Dubia used in the test must be less than 24 hours of age at test commencement. The age difference between the youngest and oldest Ceriodaphnia Dubia used in the test must not exceed eight (8) hours.

e. The chronic toxicity testing shall, therafter, be performed on an annual (1/year) basis. There shall be a minimum of three (3) months between sampling events.

f. If chronic effluent toxicity testing exceeds levels of 4.1 TUc, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial demonstration of the exceedance. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.

g. If the second test does not show an exceedance, chronic effluent toxicity testing shall continue in accordance with the requirements, as prescribed herein. However, if the second test shows an exceedance, the Director shall impose further requirements, as may be necessary.

h. The Director may impose further requirements should the chronic effluent toxicity testing results demonstrate an irregular pattern of exceedances.

22. The permittee may accept sewage sludge, grease trap waste, and/or domestic septage into its wastewater treatment facility for subsequent treatment and disposal. Approval is subject to, and contingent upon, compliance with the following terms and conditions:

a. The septage hauler(s), from which the permittee accepts sewage sludge and/or domestic septage, shall be registered to operate under the General Permit for sewage sludge and/or septage handling and disposal. The permittee should obtain and maintain a copy of the septage hauler(s) general permit registration(s) as part of its recordkeeping.

## Section C - Other Requirements

22. c. The permittee shall report monthly on the enclosed Sewage Sludge Management Report the amount of sewage sludge and/or domestic septage accepted.

    d. The permittee shall assure that the acceptance and processing of any sewage sludge, grease trap waste, and/or domestic septage does not result in effluent discharge limitation violations, or adversely impact sludge disposal.

    e. The permittee shall coordinate the acceptance of sewage sludge, grease trap waste, and/or domestic septage during wet weather flow periods, with the implementation of the maximization of the facilities.

    f. Approval of the permittee's acceptance of sewage sludge, grease trap waste, and/or domestic septage in no way relieves the permittee of its obligation to comply with all terms and conditions of its WV/NPDES Water Pollution Control Permit and shall not constitute an affirmative defense in any enforcement action brought against the permittee.

23. Unless otherwise authorized under Section A or Section F of this permit, any discharge from any point other than a permitted treatment system outfall or a permitted combined sewer system outfall is expressly prohibited. In the event there is a prohibited discharge from a sewer conveyance system, the permittee shall follow the reporting requirements contained in Appendix A, Part IV, Section 2.

24. Within six (6) months of the issuance of this permit, the permittee shall develop revisions to, and implement, the storm water pollution prevention plan (SWPPP) for the wastewater treatment facility site. The SWPPP shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with the industrial activity. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with the industrial activity at the facility and to assure compliance with the terms and conditions of this permit. A copy of the plan shall be retained at the site for review upon request.

25. The following storm water requirements apply to Outlet No. 085, Outlet No. 086, Outlet No. 087, Outlet No. 088, and Outlet No. 089:

    a. Samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Samples shall be taken during the first thirty (30) minutes, or as soon thereafter as practicable, of the storm event.

    b. Each outlet shall be monitored separately.

| Pollutant | Benchmark Value |
|---|---|
| Biological Oxygen Demand | 30.0 mg/l |
| Chemical Oxygen Demand | 120.0 mg/l |
| Total Suspended Solids | 100.0 mg/l |
| Ammonia Nitrogen | 4.0 mg/l |
| Iron, Total Recoverable | 1.5 mg/l |
| pH | 6.0 - 9.0 SU |
| Oil & Grease | 15.0 mg/l |

    c. When the concentration results from a minimum of four (4) consecutive samples of a pollutant are all less than the corresponding benchmark value for the pollutant, additional monitoring for the pollutant is not required (all pH values of the samples must be within the range 6.0 to 9.0 S.U.). The facility shall submit, each year, to the Division of Water and Waste Management, in lieu of the monitoring data, a certification (form will be provided upon request) that there has not been a significant change in the industrial activity or the pollution prevention measures in the area of the facility that drains to the outlet for which sampling is to be waived. If the concentration of a pollutant exceeds the corresponding benchmark concentration or a pH value is not within the range of 6.0 to 9.0 S.U., monitoring shall be continued and storm water pollution prevention practices shall be revised and implemented. A letter stating the revised and implemented storm water pollution prevention practices shall be submitted to the Division of Water and Waste Management at the address listed in Section C.6.b.

## Section C - Other Requirements

26. If there is evidence indicating potential or realized impacts on water quality due to any stormwater discharge associated with the wastewater treatment facility covered by this permit, the permit may be promptly modified and/or reissued to include effluent limitations and/or other requirements to control such storm water discharges.

27. The permittee shall be required to sample the discharge from Outlet No. 001 for the pollutants listed in Appendix J, Table 2 of 40 CFR 122 as part of its next reissuance permit application following the procedures listed below. This sampling data shall be submitted as a necessary part of the next reissuance permit application.

    a. Grab samples shall be collected for pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, fecal coliform, and volatile organics. Twenty-four (24) hour composite samples shall be collected for all other pollutants found in Appendix J, Table 2 of 40 CFR 122.

    b. A minimum of three (3) test results for each pollutant shall be obtained a minimum of four (4) months apart. Each sampling result shall be collected in a manner to be representative of seasonal variations (such as April, August, and December).

    c. All data collected over the term of the previous permit for a specific pollutant shall be summarized and submitted to the agency by the permittee.

    d. The sample collection, preservation, and analysis shall be conducted in accordance with the procedures of 40 CFR Part 136. The permittee shall assure that all required quantitative data are collected in accordance with sufficiently sensitive analytical methods approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O. For the purposes of this requirement, a method approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O is "sufficiently sensitive" when:

        i) The method minimum level (ML) is at or below the level of the applicable water quality criterion for the measured pollutant or pollutant parameter; or

        ii) The method ML is above the applicable water quality criterion, but the amount of the pollutant or pollutant parameter in a facility's discharge is high enough that the method detects and quantifies the level of the pollutant or pollutant parameter in the discharge; or

        iii) The method has the lowest ML of the analytical methods approved under 40 CFR part 136 or required under 40 CFR chapter I, subchapter N or O for the measured pollutant or pollutant parameter.

        iv) When there is no analytical method that has been approved under 40 CFR part 136, required under 40 CFR chapter I, subchapter N or O, and is not otherwise required by the Director, the applicant may use any suitable method but shall provide a description of the method. When selecting a suitable method, other factors such as a method's precision, accuracy, or resolution, may be considered when assessing the performance of the method.

28. The permittee operates and maintains a Combined Sewer System (CSS), and as a result must implement the needed procedures in order to effectuate compliance with the terms and conditions of the Federal Combined Sewer Overflow Policy and the State Combined Sewer Overflow Strategy. Maximization of flow to the wastewater treatment plant is a requirement. The permittee has determined that the wastewater treatment plant is capable of handling a flow of 12.0 million gallons per day (MGD) through its secondary treatment trains without impacting compliance with the concentration effluent discharge limitations for five (5) day Biochemical Oxygen Demand, Total Suspended Solids, and Ammonia Nitrogen. In order to afford the permittee opportunity to implement maximization, mass limitations for these parameters have been established utilizing a flow of 12.0 MGD.

    a. While the permittee is required to maximize flow to the wastewater treatment plant, this in no way relieves the permittee of its obligation to comply with all terms and condition of the permit. As such, the permittee must ensure that the wastewater treatment facility is attaining all of the discharge requirements and effluent discharge limitations set forth in the permit.

    b. The recognition being afforded in Section C.28.a, above, shall not constitute an affirmative defense in any enforcement action brought against the permittee for violations of the WV/NPDES Water Pollution Control Permit.

## Section C - Other Requirements

29. This permit does not afford regulation of any separate storm water outlet or discharge in the collection system. Any storm water discharge (s) resultant to the wastewater collection system improvements project shall be regulated, as applicable, under the terms and conditions of the Municipal Separate Storm Sewer System (MS4) General Permit and the appropriate registration.

30. Combined sewer overflow outlets should not be removed from the permit until the outlet is permanently eliminated. The adjustment to the combined sewer overflow outlets shall be performed as a part of a future permit proceeding.

## Section D - Sewage Sludge Management Requirements

1. The permittee shall monitor and report monthly on the enclosed Sewage Sludge Management Report form the quality and quantity of sewage sludge produced. The required report shall be received by the agency no later than 25 days following the end of the reporting period and in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

   **Director**
   **Division of Water and Waste Management**
   **601 57th Street SE**
   **Charleston, West Virginia 25304-2345**
   **Attention: Permitting Program**

   **Department of Environmental Protection**
   **Environmental Enforcement**
   **2031 Pleasant Valley Road**
   **Fairmont, West Virginia 26554**

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
2. The permittee shall provide copies of monthly reports to the county or regional solid waste authority in which the facility or land application site(s) is located.
3. The Sewage Sludge Monitoring Report form shall be submitted quarterly. The required report shall be received by the agency no later than 25 days following the end of the reporting period and in accordance with the following requirements.
   a. The agency is now requiring the permittee to utilize our electronic DMR (eDMR) system which is now mandatory.
   b. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it.

   **Director**
   **Division of Water and Waste Management**
   **601 57th Street SE**
   **Charleston, West Virginia 25304-2345**
   **Attention: Permitting Program**

   **Department of Environmental Protection**
   **Environmental Enforcement**
   **2031 Pleasant Valley Road**
   **Fairmont, West Virginia 26554**

   c. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request from DEP personnel.
4. In conjunction with all other reporting requirements of this permit, copies of all future correspondence regarding this permit will be forwarded to the Environmental Inspector and Environmental Inspector Supervisor at the following address:

   **Department of Environmental Protection**
   **Environmental Enforcement**
   **2031 Pleasant Valley Road**
   **Fairmont, West Virginia 26554**

## Section D - Sewage Sludge Management Requirements

5. The following method of sludge disposal shall be used for sewage sludge generated and/or processed at the permitted facility:

   Landfill Disposal: Sewage sludge may be disposed at a landfill by placing the sewage sludge in the landfill cell, provided that the landfill obtains approval from the Division of Water and Waste Management to allow the acceptance of sewage sludge from the permittee, and provided that the landfill(s) is/are identified in the permit application. Prior approval by the Division of Water and Waste Management is required to change landfill disposal site(s).

6. Areas used for processing, curing, and/or storage of sewage sludge shall be designed, constructed and operated to prevent release of contaminants to the groundwater and/or surface water.

7. All analyses performed on soils and sewage sludges shall be analyzed in accordance with analytical methods listed in 40 CFR Part 503.8 except that Nutrients may be analyzed in accordance with the most recently approved edition of Standard Methods and pH may be analyzed using EPA Method 9045D.

8. Sewage sludge disposed in a landfill cell shall be a non-hazardous material as defined in 40 CFR Part 261.24 and a minimum of 20 percent solids. If the sewage sludge is not 20 percent solids, a bulking agent may be used to achieve 20 percent solids before the sewage sludge is weighed in at the landfill. Alternative sludge disposal methods at the landfill can be utilized upon obtaining prior written approval from the Director of the Division of Water and Waste Management.

9. If sewage sludge is used for revegetation, or spread in any other manner at the landfill, the sewage sludge shall meet all of the land application requirements. These requirements include vector attraction and pathogen reduction methods, heavy metals limits, and abiding by an approved loading rate based on soil analyses.

10. The permittee shall maintain all records and reports of all monitoring required by Section D of this permit for five (5) years after the date of monitoring or reporting. Records should include all sample results; any landfill receipts; copies of all required reports; and records of all data used to complete these reports.

11. The limitations and monitoring requirements listed in Section A.S01 of this Permit shall apply to the sewage sludge or sewage sludge products.

12. The appropriate composite sampling procedures shall be based upon the particular sludge processing methods used by the permittee. The composite sampling procedures for the various methods are described as follows:

    Belt Press or Vacuum Filter - During the week that the composite sample is obtained, the permittee shall take a minimum of three (3) grab samples during each day of the week that the dewatering system is in operation. These grab samples are to be mixed together and the final sample obtained from the composite. Samples should be collected at a point immediately after the dewatering operation.

    Liquid Sludge - During the week that the composite sample is obtained, the permittee shall take a representative grab sample from each truck load of sewage sludge hauled during that week. These grab samples are to be mixed together and the final sample obtained from the composite. Samples should be collected from the sewage sludge being pumped into the truck or as the sewage sludge is being discharged from the truck.

    Sewage Sludge Drying Beds - During the week that the composite sample is obtained, the permittee shall take a minimum of four (4) grab samples from each bed finished during that week. These grab samples are to be mixed together and the final sample obtained from the composite.

    Composting or Stock Piles - The permittee shall obtain a minimum of eight (8) grab samples from the pile of finished product. These grab samples are to be mixed together and the final sample obtained from the composite.

13. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the Enlarged Hepzibah Public Service District treatment facilities (Erie Plant and Spelter Plant). Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

## Section D - Sewage Sludge Management Requirements

14. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the Pocahontas County Public Service District treatment facilities. Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

15. The Clarksburg Sanitary Board sewage treatment facility may accept sewage sludge from the City of Shinnston treatment facilities. Sewage sludge from the above listed source must be deposited into the WWTP's sewage sludge processing facilities for final processing and disposal.

## Section E - Approved Pretreatment Programs

1. The permittee shall implement the Industrial Pretreatment Program in accordance with the Clean Water Act and the regulations, 40 CFR Part 403, promulgated, thereunder. Also, the program shall be implemented in accordance with the program submission, approved on December 12, 2002 and as modified on August 31, 2007.
2. The permittee shall implement the program upon all industrial users of the Publicly Owned Treatment Works (POTW), irrespective of the geographical location of the users. The permittee shall secure and maintain adequate legal authority to control users located in Town of Anmore, Town of Stonewood, Town of Nutter Fort, East View PSD, Summit Park PSD, Sun Valley PSD, Greater Harrison PSD, as well as any users located in unincorporated areas outside the corporate boundaries of the City of Clarksburg.
3. The permittee shall submit proposed changes to the approved pretreatment program in accordance with 40 CFR Part 403.18, and shall obtain prior approval of Substantial Modifications as defined by 40 CFR Part 403.18(c).
4. At a minimum, the permittee's implementation of the pretreatment program shall meet the requirements as listed below:
   a. The permittee shall issue individual discharge permits to all significant industrial users (SIUs) as defined by 40 CFR Part 403.3(t). Permits shall contain the minimum requirements of 40 CFR Part 403.8(f)(1)(iii). The permittee shall reissue permits to SIUs prior to their expiration. Administrative extensions of expiring permits shall not be granted without written consent from the Director.
   b. The permittee shall inspect each SIU at least once per year. The annual inspection shall evaluate the manufacturing process, chemical storage areas, pretreatment facilities, spill prevention and control procedures, slug discharge control procedures, hazardous waste generation and disposal procedures, self-monitoring procedures and records.
   c. The permittee shall sample and analyze the nondomestic wastewater discharge(s) of each SIU at least once per year (1/year). Such monitoring shall include all parameters limited in the SIU's permit and shall be performed in accordance with 40 CFR Part 136, where applicable.
   d. The permittee shall perform quarterly assessments of SIU compliance, and document the names of SIUs that demonstrate significant noncompliance (SNC) and the SNC criteria violated. The permittee shall publish the name of any SIU that demonstrates significant noncompliance in the pretreatment year, as required by 40 CFR Part 403.8(f)(2)(vii). Publication shall occur, on or before the 31st day of August following the end of the annual program year (July 1 through June 30).
   e. The permittee shall take timely and appropriate enforcement for all instances of industrial user noncompliance in accordance with an Enforcement Response Plan as required by 40 CFR Part 403.8(f)(5). The permittee shall take "formal" enforcement actions against SIUs demonstrating Significant Noncompliance as defined by 40 CFR 403.8(f)(2)(vii). A formal enforcement action is an Administrative Order or other more stringent action.
   f. The permittee shall ensure that adequate resources (equipment and personnel) are available to fully implement the City's pretreatment program.
   g. **The permittee's Maximum Allowable Headworks Loading (MAHL) and local limits were reviewed at this re-issuance in accordance with the proposed effluent limitations from Outfall 001. Local limits for all the pollutants are technically based. No change is needed for the local limits in the Sewer Use Ordinance.**
5. The permittee shall conduct monitoring, at its wastewater treatment plant, as follows:
   a. The POTW effluent shall be monitored quarterly for total form of arsenic, mercury, cadmium,chromium,hex chromium, copper, lead, nickel, silver, zinc, and cyanide. For all parameters, except for cyanide, 24 hour composite samples shall be obtained. An individual grab sample shall be obtained for cyanide. Effluent monitoring shall be performed concurrent with influent monitoring required in Section E.5.b of the pretreatment requirements.

## Section E - Approved Pretreatment Programs

5. b. The POTW influent shall be monitored on a quarterly basis for total form of arsenic, mercury, cadmium, chromium, hex chromium, copper, lead, nickel, silver, zinc, and cyanide. For all parameters, except cyanide, 24 hour composite samples shall be obtained. An individual grab sample shall be obtained for cyanide. Influent monitoring shall be performed concurrent with effluent monitoring required in Section E.5.a of the pretreatment requirements.

   c. The permittee shall conduct annual (1/year) monitoring of the POTW influent for all priority pollutants not specified in Section A.001. For volatile organics, a minimum of four (4) individual samples shall be obtained. The samples may be analyzed separately, or may be combined in the laboratory, using flask or purge device compositing techniques, as specified in EPA's draft guidance, VOA Compositing Procedures, and the composite sample then analyzed. Twenty-four (24) hour composite samples shall be obtained and analyzed for base neutrals, acid extractables, pesticides and metals.

   If priority pollutants are non-detect at the method detection level in the first year of the permit, then these pollutants need only be monitored only in the final year of the permit. The pollutants that are present above the method detection level must be monitored annually and a source identification assessment shall be conducted for those pollutants. If a successive year's sampling for a pollutant results in a non-detect, then sampling for these pollutants need only be monitored in the final year of the permit. Influent sampling during the final year of the permit shall be conducted at a time such that the results can be provided with the reissuance application.

   d. The permittee shall conduct monitoring of the POTW's dewatered sludge as required by 40 CFR Part 503 and in accordance with Section D of this permit and the WV Sludge Management Regulations.

6. On or before the 31st day of August following the end of the annual program year (July 1 through June 30), the permittee shall submit an annual report that describes the permittee's pretreatment implementation activities of the previous program year (July 1 through June 30). The annual pretreatment program report shall include the following information:

   a. SIU Listing - Provide an updated list of all current SIUs. The list shall indicate which SIUs are subject to Categorical Pretreatment Standards, and the applicable standard.

   b. SIU Permits - Provide a list of the issuance and expiration dates of each SIU permit, and the names of SIUs that are without a valid permit.

   c. Sampling and Inspection - Provide the number of inspections and sampling events performed by the permittee at SIUs and a listing of SIUs that were not sampled and the SIUs that were not inspected.

   d. Compliance and Enforcement - Provide a summary of the violations of the pretreatment standards and requirements that occurred during the year. The summary shall include the results of the quarterly SNC assessments required by Section E.4.d above, and for each SIU that demonstrated SNC, the permittee shall describe the specific enforcement action taken and the current compliance status of the SIU. The summary shall also provide the number(s) of each type of enforcement action taken by the permittee, and a copy of the published list of SIUs in SNC, as required by Section E.4.d above.

   e. POTW Operations - Provide a description of any interference, upset or permit violations experienced by the POTW which are attributable to the discharges of industrial users. A summary of the results of the influent, effluent and sludge monitoring required by Section E.5 above shall be included.

   f. Local Limitations - For each pollutant that a local limitation exists provide a summary of the current total available industrial load (MAIL) for the POTW and the allocation of that load to existing industrial users for the previous year. Include the loads allocated by the addition and/or deletion of industrial users and uncontrollable sources such as but not limited to domestic waste background loads, non-significant industrial users, etc. For each pollutant that a local limitation exists provide a summary of the influent loading as a fraction of the maximum allowable headworks loading (MAHL).

7. The Director and the U.S. EPA retain the right to require the permittee to institute changes to the pretreatment program if:

   a. The requirements of 40 CFR Part 403 are not satisfied by program implementation;

## Section E - Approved Pretreatment Programs

7. b. Problems such as interference, pass through, or sludge contamination develop;

c. Federal or State requirements change.

## Section F - Combined Sewer System Overflows

1. Outlet Numbers C002-C023, C025,C027-C028, C030, C033-C034, C036, C038, C040, C042-C047, C049-C053, C057, C060, C062, C064-C067B, C069, C072-C073, C077-C078, C081, and C082, listed below, serve as combined sewer relief points. Combined sewer overflows (CSOs) are allowed only when flows in the combined sewer system exceeds the conveyance and/or treatment capacities during wet weather periods. Wet weather shall be defined for this requirement as any period of time in which flows within the combined sewer system, or portion thereof, are being substantially influenced by rainfall, snowmelt, and/or other natural phenomena. Dry weather overflow events from any CSO are prohibited. The permittee shall ensure that all CSO events comply with the requirements found in Section F and any other pertinent portions of this permit. The requirements of this permit shall not supersede the 1994 CSO Policy or the recommended EPA Guidance for Nine Minimum Controls.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C002 | River Road<br>Latitude 39° 18' 06" N<br>Longitude 80° 21' 08" W | West Fork River<br>(Mile Point 29.05)<br>of the Monongahela River |
| C003 | Pearlman Avenue<br>Latitude 39° 17' 59" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 29.2)<br>of the Monongahela River |
| C004 | Adams Avenue<br>Latitude 39° 17' 30" N<br>Longitude 80° 21' 14" W | West Fork River<br>(Mile Point 30.12)<br>of the Monongahela River |
| C005 | Duncan Avenue<br>Latitude 39° 17' 01" N<br>Longitude 80° 21' 28" W | West Fork River<br>(Mile Point 30.97)<br>of the Monongahela River |
| C006 | River Avenue<br>Latitude 39° 16' 58" N<br>Longitude 80° 21' 25" W | West Fork River<br>(Mile Point 31.04)<br>of the Monongahela River |
| C007 | Hart Street<br>Latitude 39° 16' 53" N<br>Longitude 80° 21' 24" W | West Fork River<br>(Mile Point 31.16)<br>of the Monongahela River |
| C008 | Riverside Drive<br>Latitude 39° 16' 13" N<br>Longitude 80° 21' 22" W | West Fork River<br>(Mile Point 32.71)<br>of the Monongahela River |
| C009 | North and Hart Streets<br>Intersection<br>Latitude 39° 16' 51" N<br>Longitude 80° 21' 11" W | West Fork River<br>(Mile Point 31.38)<br>of the Monongahela River |
| C010 | Verdun Street<br>Latitude 39° 16' 18" N<br>Longitude 80° 21' 19" W | West Fork River<br>(Mile Point 32.58)<br>of the Monongahela River |
| C011 | Hart Street<br>Latitude 39° 16' 51" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 31.41)<br>of the Monongahela River |
| C012 | End of Verdun Street<br>Latitude 39° 16' 33" N<br>Longitude 80° 21' 23" W | West Fork River<br>(Mile Point 32.21)<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

| 1. Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C013 | Dane Street and Stadium Drive<br>Latitude 39° 16' 38" N<br>Longitude 80° 21' 06" | West Fork River (Mile Point 31.96) of the Monongahela River |
| C014 | Grove Avenue<br>Latitude 39° 16' 41" N<br>Longitude 80° 21' 05" W | West Fork River (Mile Point 31.88) of the Monongahela River |
| C015 | Ferry Street<br>Latitude 39° 16' 50" N<br>Longitude 80° 20' 57" W | West Fork River (Mile Point 31.7) of the Monongahela River |
| C016 | Grove Avenue<br>Latitude 39° 16' 42" N<br>Longitude 80° 21' 00" W | West Fork River (Mile Point 31.8) of the Monongahela River |
| C017 | College Street<br>Latitude 39° 17' 12" N<br>Longitude 80° 20' 36" W | Elk Creek (Mile Point 2.8) of the West Fork River of the Monongahela River |
| C018 | Park Boulevard<br>Latitude 39° 16' 47" N<br>Longitude 80° 20' 58" W | West Fork River (Mile Point 31.7) of the Monongahela River |
| C019 | Under Sixth Street Bridge<br>Latitude 39° 17' 00" N<br>Longitude 80° 20' 30" W | Elk Creek (Mile Point 1.14) of the West Fork River of the Monongahela River |
| C020 | Milford Street Bridge<br>Latitude 39° 16' 55" N<br>Longitude 80° 21' 06" W | Elk Creek (Mile Point 0.016) of the West Fork River of the Monongahela River |
| C021 | Between Fourth and Sixth Street Bridges<br>Latitude 39° 16' 59" N<br>Longitude 80° 20' 27" W | Elk Creek (Mile Point 1.196) of the West Fork River of the Monongahela River |
| C022 | Baltimore Avenue<br>Latitude 39° 17' 04" N<br>Longitude 80° 21' 08" W | Elk Creek (Mile Point 0.329) of the West Fork River of the Monongahela River |
| C023 | Between Fourth and Sixth Street Bridges<br>Latitude 39° 16' 58" N<br>Longitude 80° 20' 25" W | Elk Creek (Mile Point 1.237) of the West Fork River of the Monongahela River |
| C025 | Downstream of Fourth Street Bridge<br>Latitude 39° 16' 56" N<br>Longitude 80° 20' 21" W | Elk Creek (Mile Point 1.296) of the West Fork River of the Monongahela River |
| C027 | End of School Street<br>Latitude 39° 16' 55" N<br>Longitude 80° 20' 17" W | Elk Creek (Mile Point 1.361) of the West Fork River of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C028 | Brockway Parking Lot<br>Latitude 39° 17' 05" N<br>Longitude 80° 21' 06" W | Elk Creek<br>(Mile Point 0.546)<br>of the West Fork River<br>of the Monongahela River |
| C030 | North 8th Street<br>Latitude 39° 17' 09" N<br>Longitude 80° 20' 33" W | Elk Creek<br>(Mile Point 0.922)<br>of the West Fork River<br>of the Monongahela River |
| C033 | North 1st Street<br>Latitude 39° 16' 55" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.602)<br>of the West Fork River<br>of the Monongahela River |
| C034 | Sandy Boulevard<br>Latitude 39° 16' 50" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 1.689)<br>of the West Fork River<br>of the Monongahela River |
| C036 | Main Street Bridge<br>Latitude 39° 16' 43" N<br>Longitude 80° 20' 05" W | Elk Creek<br>(Mile Point 1.835)<br>of the West Fork River<br>of the Monongahela River |
| C038 | Monticello Avenue<br>Latitude 39° 16' 40" N<br>Longitude 80° 20' 05" W | Elk Creek<br>(Mile Point 1.892)<br>of the West Fork River<br>of the Monongahela River |
| C040 | Monticello Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 2.023)<br>of the West Fork River<br>of the Monongahela River |
| C042 | Monticello Avenue<br>Latitude 39° 16' 28" N<br>Longitude 80° 20' 10" W | Elk Creek<br>(Mile Point 2.141)<br>of the West Fork River<br>of the Monongahela River |
| C043 | Water Street<br>Latitude 39° 17' 18" N<br>Longitude 80° 21' 10" W | West Fork River<br>(Mile Point 30.49)<br>of the Monongahela River |
| C044 | Elkins Lane<br>Latitude 39° 16' 19" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 2.483)<br>of the West Fork River<br>of the Monongahela River |
| C045 | East Main and Water Street<br>Latitude 39° 16' 43" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.833)<br>of the West Fork River<br>of the Monongahela River |
| C046 | Elkins Lane<br>Latitude 39° 16' 20" N<br>Longitude 80° 20' 04" W | Elk Creek<br>(Mile Point 2.495)<br>of the West Rork River<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C047 | Water Street<br>Latitude 39° 16' 40" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.889)<br>of the West Fork River<br>of the Monongahela River |
| C049 | End of Washington Avenue<br>Latitude 39° 16' 38" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.927)<br>of the West Fork River<br>of the Monongahela River |
| C050 | Elkins Lane and Charles Street<br>Latitude 39° 16' 21" N<br>Longitude 80° 20' 03" W | Elk Creek<br>(Mile Point 2.517)<br>of the West Fork River<br>of the Monongahela River |
| C051 | Water Street<br>Latitude 39° 16' 36" N<br>Longitude 80° 20' 06" W | Elk Creek<br>(Mile Point 1.967)<br>of the West Fork River<br>of the Monongahela River |
| C052 | End of Main Street<br>Latitude 39° 16' 25" N<br>Longitude 80° 20' 00" W | Elk Creek<br>(Mile Point 2.606)<br>of the West Fork River<br>of the Monongahela River |
| C053 | Water Street<br>Latitude 39° 16' 26" N<br>Longitude 80° 20' 12" W | Elk Creek<br>(Mile Point 2.181)<br>of the West Fork River<br>of the Monongahela River |
| C057 | Howard Street<br>Latitude 39° 16' 34" N<br>Longitude 80° 19' 44" W | Elk Creek<br>(Mile Point 2.92)<br>of the West Fork River<br>of the Monongahela River |
| C060 | End of Tyler Avenue<br>Latitude 39° 16' 29" N<br>Longitude 80° 19' 50" W | Elk Creek<br>(Mile Point 2.782)<br>of the West Fork River<br>of the Monongahela River |
| C062 | Buckhannon Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 19' 44" W | Elk Creek<br>(Mile Point 2.9)<br>of the West Fork River<br>of the Monongahela River |
| C064 | Stanley Avenue<br>Latitude 39° 16' 33" N<br>Longitude 80° 19' 29" W | Elk Creek<br>(Mile Point 3.261)<br>of the West Fork River<br>of the Monongahela River |
| C065 | End of Oakland Avenue<br>Latitude 39° 16' 05" N<br>Longitude 80° 19' 30" W | Elk Creek<br>(Mile Point 4.611)<br>of the West Fork River<br>of the Monongahela River |

## Section F - Combined Sewer System Overflows

1.

| Outlet No. | Name and/or Location | Receiving Stream |
|---|---|---|
| C066 | Concord Court<br>Latitude 39° 16' 32" N<br>Longitude 80° 19' 22" W | Elk Creek<br>(Mile Point 3.357)<br>of the West Fork River<br>of the Monongahela River |
| C067B | Osage Court (East End)<br>Latitude 39° 16' 02" N<br>Longitude 80° 19' 17" W | Elk Creek<br>(Mile Point 4.823)<br>of the West Fork River<br>of the Monongahela River |
| C069 | Thorn Street<br>Latitude 39° 16' 20" N<br>Longitude 80° 21' 16" W | West Fork River<br>(Mile Point 32.53)<br>of the Monongahela River |
| C072 | Tuna Street<br>Latitude 39° 16' 16" N<br>Longitude 80° 19' 19" W | Elk Creek<br>(Mile Point 4.252)<br>of the West Fork River<br>of the Monongahela River |
| C073 | End of Camden Street<br>Latitude 39° 16' 14" N<br>Longitude 80° 21' 20" W | West Fork River<br>(Mile Point 32.65)<br>of the Monongahela River |
| C077 | North End of River Avenue<br>Latitude 39° 16' 53" N<br>Longitude 80° 21' 09" W | West Fork River<br>(Mile Point 31.45)<br>of the Monongahela River |
| C078 | Hope Gas Meter Station<br>Latitude 39° 16' 32" N<br>Longitude 80° 21' 04" W | West Fork River<br>(Mile Point 32.07)<br>of the Monongahela River |
| C081 | Manhole No. 18<br>Latitude 39° 17' 42" N<br>Longitude 80° 21' 30" W | West Fork River<br>(Mile Point 29.75)<br>of the Monongahela River |
| C082 | Manhole No. 42<br>Latitude 39° 17' 12" N<br>Longitude 80° 21' 20" W | West Fork River<br>(Mile Point 30.69)<br>of the Monongahela River |

2. Technology-Based Effluent Limitations For CSOs. The permittee shall comply with the following technology-based requirements:

a. CONDUCT PROPER OPERATION AND REGULAR MAINTENANCE PROGRAMS

The permittee shall prepare and implement a proper Operation and Maintenance Program for their combined sewer system (CSS). The permittee shall prepare, maintain, and implement a Combined Sewer Overflow (CSO) Operation and Maintenance Manual (OMM) describing routine operation, inspection, maintenance, and training activities. The OMM shall be reviewed and updated at least one time per year to ensure the OMM's accuracy. The OMM shall include, but is not limited to, the following listed elements.

1) The permittee shall establish an annual CSO budget and shall provide documentation of the process used to establish said budget in the OMM.

2) The permittee shall provide and document as a part of the OMM the following items:

i) Current and accurate sketch/map of CSS depicting CSO outfall locations, receiving streams, identified sensitive areas, and the location of rain gauges.

ii) For a minimum of three years, all inspection reports and forms, operation and maintenance logs, training records, customer complaints, and annual summaries of wet and dry weather CSO events.

## Section F - Combined Sewer System Overflows

2. a. 2) iii) Accurate program documents that describes current operations, inspection, and maintenance procedures for any CSO equipment and structures.

iv) Summaries of up-to-date information concerning wet and dry weather CSO events that can be publicly viewed.

3) The permittee shall establish municipal ordinances to prevent illicit CSS connections and to prevent dumping of debris into the CSS.

4) The permittee shall provide adequate training programs pertaining to CSO activities for the staff.

6) The permittee shall establish and maintain regularly scheduled outfall inspections with procedures that can accurately detect and document wet and dry weather CSO discharge events.

5) The permittee shall identify and document any sensitive areas (e.g. receiving stream segments having primary contact recreation uses, marinas and boat ramps, drinking water intakes, public parks) and shall document whether there are CSOs outfalls discharging in or just upstream of these sensitive areas. Based on this information, CSO outfalls shall be prioritized for proper development of CSO controls.

7) The permittee shall maintain, at a minimum, one (1) rain gauge in order to obtain measurements of local precipitation during wet weather periods. Additional gauges may be required depending upon the size of the CSS. The rain gauge measurement data shall be submitted as a part of the periodic reports and will assist the permittee in developing an accurate characterization of the CSS during wet weather CSO discharge events.

8) The permittee shall prepare a list of critical CSO equipment and shall establish and properly document a preventive maintenance schedule for said equipment. The permittee shall properly document any repairs made to the CSS and/or CSO equipment/structures.

9) The permittee shall establish, implement, and document a routine maintenance schedule for the following specific activities described and listed below. There may be need to do some of these activities at times by necessity; however, an established schedule to routinely complete these activities shall be put in place.

i) Routine inspection and cleaning of catch basins and manholes.
ii) Routine inspection , cleaning and maintenance of lift stations including pumps.
iii) Routine vacuum cleaning and/or jet flushing of the combined sewer system.
iv) Routine street cleaning.
v) Routine inspections of portions of the combined collection system.

10) Periodic inspections of grease traps from restaurants, schools, and other facilities with food services shall be conducted and documented. Periodic inspections of businesses and /or other customers that may be contributing waste streams other than domestic sewage shall be conducted and documented.

11) The permittee shall establish a procedure detailing how CSS customer complaints are taken, tracked, processed, and resolved. A summary of complaints and resolutions for the past three years shall be readily available for review by the public or the WVDEP.

b. MAXIMIZE USE OF STORAGE IN COLLECTION SYSTEM

The permittee shall identify, and document in the OMM, portions of the combined sewer system (CSS) usable for storage and determine the CSS storage capacity including the configuration, size, and lift station capacities. The permittee shall identify, and document in the OMM, any unused tanks or piping that could potentially be used as off-line storage at the existing facilities. The permittee shall identify any bottlenecks in the combined sewer system and provide recommendations on increasing flows through these areas. The permittee shall identify procedures (and document them in the OMM) such as pre-storm drawdowns of lift station wet wells and interceptor collection lines that could provide additional wet weather storage capacity.

## Section F - Combined Sewer System Overflows

2. c. REVIEW AND MODIFICATION OF PRETREATMENT PROGRAM

The permittee shall document in the OMM, the procedures used to inspect and evaluate the necessity of pretreatment for indirect non-domestic wastewater dischargers (i.e., restaurants, gasoline stations, garages, funeral homes, hospitals, schools, etc.) to minimize their impacts on CSO discharges. The permittee shall maintain a list of non-domestic dischargers to their combined collection systems and evaluate the necessity to require dischargers to reduce or cease their discharges during wet weather periods when CSO discharges are occurring. A summary of pretreatment inspections or evaluations shall be submitted as a part of the CSO Summary Report (CSR) as required in Section D.6 below.

d. MAXIMIZATION OF FLOW TO POTW FOR TREATMENT

The permittee shall document the plans and procedures being implemented to maximize the combined wastewater flow to the POTW during wet weather events and to deliver as much of the combined wastewater flow as possible to the treatment plant within the treatment plant's hydraulic capacity and the treatment plant's constraints as imposed by the permit effluent limitations. The plan shall be documented in the OMM and a summary of any ongoing activities shall be submitted as a part of the periodic CSO Summary Report (CSR). The permittee shall evaluate annually and document any maximization procedures implemented including the following:

1) Because accuracy in measuring flow is a critical element in CSO control, the permittee shall calibrate the WWTP's flow measurement devices each year and shall document in a log when these calibrations occur. If possible, the permittee should use a staff gauge or other plant flow measuring device, to check for flow measurement accuracy at least one time a month (1/month) and document these checks in a log.
2) Evaluate and document the performance of critical CSO equipment in the combined sewer system and POTW.
3) Evaluate and document the potential of raising CSO diversion weirs or other devices to the maximum heights possible to reduce CSO activity.
4) Evaluate and document the comparison between existing flow rates to design capacity for both the POTW and the lift station pumps.
5) Evaluate and document the capacities of major interceptors and pumping stations delivering flows to the POTW.
6) Evaluate and document wet weather flow rates to the POTW compared to typical dry weather flows.
7) Evaluate and document whether some portion of wet weather flow could receive partial treatment at the POTW.
8) Evaluate and document the status of any excessive inflow and infiltration (I&I) correction projects.
9) Evaluate and document whether CSO discharge events are occurring even when the POTW flow volumes at the POTW falls below the rated design capacity. If occurrences are happening, develop corrective actions that can be taken to prevent recurrence.

e. ELIMINATION OF CSOs DURING DRY WEATHER

Dry weather overflows (DWO) from CSOs are prohibited and shall be reported to the WVDEP's emergency spill line within 24 hours of its detection. The permittee shall conduct annual evaluations for the following:

1) Evaluate the number of reported DWO events that have occurred during the past three years.
2) Determine the causes of DWO, and provide the actions that the permittee has taken and will take in the future to prevent recurrence.
3) Evaluate the existing methods of detecting DWO and their efficacy.
4) Evaluate remediation procedures for the treatment, removal, or flushing of objectionable materials deposited in receiving streams or the stream bank after DWO - due to either complaints or health issues.

## Section F - Combined Sewer System Overflows

2. e. 5) Evaluate whether a DWO event could potentially directly endanger the health of recreational stream users or the environment itself.

6) Identify the processes used to make these evaluations and document them in the OMM.

7) A summary of these annual results shall be submitted as a part of the CSO Summary Report (CSR).

f. CONTROL OF SOLIDS AND FLOATABLE MATERIALS

The permittee shall control solid and floatable materials discharging from all CSO discharges and the permittee shall have these objectionable materials removed should an abnormally large amount of these materials be deposited in the receiving stream or on the stream bank. The permittee shall conduct an annual evaluation of past performance, and recommend corrective actions to reduce the presence of solids and floatable materials in CSO discharges and the receiving steam. The process of making these evaluations shall be documented in the OMM. Actions taken to control solid and floatable materials shall be documented in the CSO Summary Report (CSR). The following list is items that should be reviewed:

1) The permittee shall evaluate and implement control technologies at each outfall to control solids and floatable materials. These technologies should be maintained and documented.

2) The permittee shall evaluate and give consideration to installing screens at catch basins and or outfall structures prior to discharging to receiving streams.

3) The permittee shall evaluate having annual leaf pickups as a preventative measure.

4) The permittee shall evaluate having a community recycling programs as a preventative measure.

5) The permittee shall evaluate providing trash containers in high traffic areas.

6) The permittee shall evaluate their control of illegal dumping and their enforcement of local litter laws.

7) The permittee shall evaluate and give consideration to installing outfall booms, netting, etc. for control of floatable materials.

8) The permittee shall evaluate the effectiveness of a street cleaning program.

g. POLLUTION PREVENTION

The permittee shall summarize any pollution prevention activity in the CSO Summary Report (CSR), and conduct an annual evaluation and recommend corrective actions. The following items should be evaluated:

1) The permittee shall evaluate the need for source control measures at the government level for pollution prevention.

2) The permittee shall provide educational opportunities for the general public concerning the need for their assistance to reduce pollution reaching the combined sewer system.

3) The permittee shall evaluate the opportunity of organizing the collection and disposal of household hazardous waste materials.

h. PUBLIC NOTIFICATION

The permittee shall conduct an annual evaluation on the effectiveness of its public notification process by reviewing and providing documentation of the following items:

1) The permittee shall ensure and document that adequate warning signs are installed at each CSO outfall that notify and alert the public to avoid contact with waters near or downstream of discharging CSO outfalls.

2) The permittee shall evaluate the feasibility and document that adequate warning signs are installed at public stream access points (e.g. marinas and boat launches) that notify and alert the public to avoid recreational contact with waters during or just after any CSO discharge.

## Section F - Combined Sewer System Overflows

2. h. 3) The permittee shall develop and document procedures to provide to the general public, and specific entities that might be expected to be affected by CSO discharges, information concerning CSO discharge occurrences and their impacts to water quality in the receiving stream(s) (e.g. newspaper public notifications, newspaper advertisements, public service announcements on radio and/or television).

4) The permittee shall develop and document procedures for public notification in circumstances where public notification concerning of CSO discharge activity is critical and immediate.

5) The permittee shall ensure and document the availability of CSO pamphlets for distribution and education of the general public.

6) The permittee shall ensure and document the availability of a logbook of CSO discharges and activities that is readily available for public review (e.g. payment offices, town halls, community centers).

7) The permittee shall evaluate and document any public education programs concerning CSOs and the community's response and any other plans addressing them.

8) The permittee shall record and document any public involvement including any comments or suggestions made by the public concerning CSOs.

9) The permittee shall notify the water treatment facility when CSOs upstream of the water intakes become active. The permittee shall document these notifications in a log.

i. MONITORING TO CHARACTERIZE CSO IMPACTS TO RECEIVING STREAMS AND THE EFFICIENCY OF CSO CONTROLS

The permittee shall monitor CSO outfall discharges and the receiving waters into which these CSOs discharge and shall characterize their impacts and also make determinations about concerning how well CSO controls are improving water quality in the receiving stream(s).

1) The permittee shall ensure and document that they have installed and are maintaining a rain gauge(s) to measure precipitation within the CSS drainage areas.

2) The permittee shall evaluate and document whether they use or can use stream gage information from the National Weather Service or the US Geological Survey to specify the amount and intensity of rain or snow events that could trigger CSO activity and also to obtain stream flow data for analysis.

3) The permittee shall ensure and document the specific location and the receiving stream of each CSO outfall in the CSS and shall also investigate and determine if any CSO outfalls discharge to environmentally sensitive areas. CSO outfalls that discharge to environmentally sensitive areas (i.e. near water intakes; near parks, schools, or marinas; water recreation areas or areas where there exists a high possibility of human contact and exposure; and areas likely to affect threatened or endangered animal species) should be given a high priority. Outfalls that have the highest frequency of discharge or that discharge the greatest volume of wastewater should also be considered a high priority.

4) The permittee shall implement and document the procedures utilized by the permittee to collect and summarize data concerning the total number of CSO overflow events (both wet and dry weather) and the frequency and duration of CSO activities for at least a representative number of CSO outfalls. The permittee shall monitor and maintain a record of CSO activity for the duration and estimated volume for all overflow events that occur at a minimum of 10 percent (%) of the highest priority CSO outlets in the permittee's combined collection system. The permittee shall also record rainfall data during these CSO overflow events. The CSO flow monitoring data and rainfall data shall be submitted to this agency as a portion of the semiannual progress reports required below.

5) The permittee shall implement and document the procedures utilized by the permittees to correlate the precipitation data and the CSO activity data in order to predict what measured amount and intensity of rainfall/snowmelt events will trigger CSO activity.

## Section F - Combined Sewer System Overflows

2. i. 6) The permittee shall implement and document the procedures utilized to collect water quality data and other information on chemical, physical, and biological impacts resulting from CSO discharges (e.g. swimming area closings, excessive floatable materials in streams, fish kills, sludge banks, impaired habitat for aquatic life).

7) The permittee shall implement and document the procedures utilized by the permittee following the completion of a CSO control project in order to evaluate any improvements made to water quality from said control projects.

3. WATER QUALITY-BASED EFFLUENT LIMITATIONS FOR CSOs

a. To the extent provided by law, the discharges from the permittee's CSOs shall not cause or contribute to an in-stream excursion above any numeric or narrative criteria developed and adopted as part of the WV water quality standards.

b. The permittee has chosen the presumptive approach. The permittee shall discharge no more than an average of four (4) to six (6) overflow events per year.

4. LONG-TERM CONTROL PLAN (LTCP)

a. The permittee shall implement and effectively operate and maintain the current CSO controls and any completed CSO abatement projects in accordance with the CSO Long-Term Control Plan that was approved by the Division, on the 29th day of April 2010.

b. Post-Construction Compliance Monitoring- The LTCP shall include a post-construction monitoring program that is adequate to ascertain the effectiveness of the CSO controls and can be used to verify attainment of water quality standards. The program shall include details of monitoring protocols to be followed, including CSO and ambient monitoring.

5. POST CONSTRUCTION COMPLIANCE MONITORING

The permittee shall implement an approved post-construction monitoring program that is adequate to ascertain the effectiveness of the CSO controls, and to verify attainment of water quality standards and protection of designated uses.

6. REPORTING REQUIREMENTS

a. The permittee shall submit a semiannual (1/6 months) CSO Summary Report (CSR) detailing actions taken to meet the CSO Policy requirements and the LTCP. The CSR shall include the flow monitoring information as required in Section F.2.i above. The CSO summary reports shall be postmarked no later than 20 days or shall be received no later than 25 days following the end of the six (6) month calendar period.

b. The semiannual CSO Summary Reports (CSRs) shall be addressed and submitted to the following:

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Director                                    Department of Environmental Protection
Division of Water and Waste Management      Environmental Enforcement
601 57th Street SE                          2031 Pleasant Valley Road
Charleston, West Virginia  25304-2345       Fairmont, West Virginia 26554
Attention: Permitting Program
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7. CSO LANGUAGE REOPENER CLAUSE

a. This permit may be modified or revoked and reissued to include new or revised conditions should new information, not available at the time of permit issuance or permit modification issuance, indicate that CSO controls imposed under the terms of the permit have failed to ensure the attainment of the WV water quality standards.

b. This permit may be modified or revoked and reissued to include new or revised conditions based upon new information resulting from the implementation of the LTCP.

8. TOTAL MAXIMUM DAILY LOAD (TMDL)

## Section F - Combined Sewer System Overflows

8. a. The receiving stream, West Fork River, for Outlet Nos. C002, C003, C004, C005, C006, C007, C008, C009, C010, C011, C012, C013, C014, C015, 016, C018, C043, C069, C073, C077, C078, C081, and C082, had TMDLs developed, in July 2014, for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

b. The receiving stream, Elk Creek, for Outlet Nos. C017, C019, C020, C021, C022, C023, C025, C027, C028, C030, C033, C034, C036, C038, 040, C042, C044, C045, C046, C047, C049, C050, C051, C052, C053, C057, C060, C062, C064, C065, C066, C067B, and C072, had TMDLs developed, in July 2014, for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the aforementioned CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

c. For the CSO outfalls noted above, LTCP implementation procedures should include scheduling the TMDL compliance measures in the LTCP and implementation of those measures shall be represented in the LTCP compliance schedule (implementation schedule). If any changes in water quality standards and/or TMDL revisions or updates occur during implementation of the LTCP, the LTCP may need to be revised to address those changes.

The herein-described activity is to be extended, modified, added to, made, enlarged, acquired, constructed or installed, and operated, used and maintained strictly in accordance with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0023302; with the plan of maintenance and method of operation thereof submitted with such application(s); and with any applicable rules and regulations promulgated by the Environmental Quality Board and the Secretary of the Department of Environmental Protection.

Failure to comply with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0023302; and with the plan of maintenance and method of operation thereof submitted with such application(s) shall constitute grounds for the revocation or suspension of this permit and the invocation of all the enforcement procedures set forth in Chapter 22, Article 11, or 15 of the Code of West Virginia.

This permit is issued in accordance with the provisions of Chapter 22, Article 11 and 12 and/or 15 of the Code of West Virginia and is transferable under the terms of Section 11 of Article 11.

Katheryn Emery, P.E., Acting Director

# Appendix A

## I. MANAGEMENT CONDITIONS:

**1. Duty to Comply**

a) The permittee must comply with all conditions of this permit. Permit noncompliance constitutes a violation of the CWA and State Act and is grounds for enforcement action; for permit modification, revocation and reissuance, suspension or revocation; or for denial of a permit renewal application.

b) The permittee shall comply with all effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

**2. Duty to Reapply**

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit at least 180 days prior to expiration of the permit.

**3. Duty to Mitigate**

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

**4. Permit Actions**

This permit may be modified, revoked and reissued, suspended, or revoked for cause. The filing of a request by the permittee for permit modification, revocation and reissuance, or revocation, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

**5. Property Rights**

This permit does not convey any property rights of any sort or any exclusive privilege.

**6. Signatory Requirements**

All applications, reports, or information submitted to the Director shall be signed and certified as required in Title 47, Series 10 , Section 4.6 of the West Virginia Legislative Rules.

**7. Transfers**

This permit is not transferrable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

**8. Duty to Provide Information**

The permittee shall furnish to the Director, within a reasonable specified time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, suspending, or revoking this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

**9. Other Information**

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

**10. Inspection and Entry**

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

a) Enter upon the permittee's premises in which an effluent source or activity is located, or where records must be kept under the conditions of this permit;

b) Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;

c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the State Act, any substances or parameters at any location.

**11. Permit Modification**

This permit may be modified, suspended, or revoked in whole or in part during its term in accordance with the provisions of Chapter 22-11-12 of the Code of West Virginia.

**12. Water Quality**

This discharge shall not cause or materially contribute to: distinctly visible floating or settable solids, suspended solids, scum, foam or oily slicks; deposits or sludge bank on the bottom; odors in the vicinity of the waters; taste or odor that would adversely affect the designated uses of the affected waters; distinctly visible color which may impair or interfere with the designated uses of the affected waters; and shall not cause a fish or mussel kill. The limitations and conditions in this permit for the discharges identified in this permit are limitations and conditions that are necessary to meet applicable West Virginia water quality standards, Requirements Governing Water Quality Standards 47 CSR 2.

**13. Outlet Markers**

A permanent marker at the establishment shall be posted in accordance with Title 47, Series 11, Section 9 of the West Virginia Legislative Rules.

**14. Liabilities**

a) Any person who violates a permit condition implementing sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, 308 or 405 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than 1 year, or both.

b) Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 2 years, or by both.

c) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 2 years, or by both.

d) Nothing in I.14 a), b), and c) shall be construed to limit or prohibit any other authority the Director may have under the State Water Pollution Control Act, Chapter 22, Article 11.

## II. OPERATION AND MAINTENANCE:

**1. Proper Operation and Maintenance**

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. Unless otherwise required by Federal or State law, this provision requires the operation of back-up auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit. For domestic waste treatment facilities, waste treatment operators as classified by the WV Bureau of Public Health Laws, W. Va. Code Chapter 16-1, will be required except that in circumstances where the domestic waste treatment facility is receiving any type of industrial waste, the Director may require a more highly skilled operator.

**2. Need to Halt or Reduce Activity Not a Defense**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

**3. Bypass**

a) Definitions
   (1) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility; and
   (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of II.3.c) and II.3.d) of this permit.

c) (1) If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass;
   (2) If the permittee does not know in advance of the need for bypass, notice shall be submitted as required in IV.2.b) of this permit.

d) Prohibition of bypass
   (1) Bypass is permitted only under the following conditions, and the Director may take enforcement action against a permittee for a bypass, unless;
      (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
      (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
      (C) The permittee submitted notices as required under II.3.c) of this permit.
   (2) The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed in II.3.d.(1) of this permit.

**4. Upset**

a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.

b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitation if the requirements of II.4.c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.

c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
   (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
   (2) The permitted facility was at the time being properly operated;
   (3) The permittee submitted notice of the upset as required in IV.2.b) of this permit.
   (4) The permittee complied with any remedial measures required under I.3. of this permit.

d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

**5. Removed Substances**

Where removed substances are not otherwise covered by the terms and conditions of this permit or other existing permit by the Director, any solids, sludges, filter backwash or other pollutants (removed in the course of treatment or control of wastewaters) and which are intended for disposal within the State, shall be disposed of only in a manner and at a site subject to the approval by the Director. If such substances are intended for disposal outside the State or for reuse, i.e., as a material used for making another product, which in turn has another use, the permittee shall notify the Director in writing of the proposed disposal or use of such substances, the identity of the prospective disposer or users, and the intended place of disposal or use, as appropriate.

## III. MONITORING AND REPORTING

**1. Representative Sampling**

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

**2. Reporting**

a) Permittee shall submit, according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration, and/or quantities, the values of the constituents listed in Part A analytically determined to be in the plant effluent(s). DMR submissions shall be made in accordance with the terms contained in Section C of this permit.

b) Enter reported average and maximum values under "Quantity" and "Concentration" in the units specified for each parameter, as appropriate.

c) Specify the number of analyzed samples that exceed the allowable permit conditions in the columns labeled "N.E." (i.e., number exceeding).

d) Specify frequency of analysis for each parameter as number of analyses/specified period (e.g.,3/month is equivalent to 3 analyses performed every calendar month). If continuous, enter "Cont.". The frequency listed on format is the minimum required.

**3. Test Procedures**

Samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136, unless other test procedures have been specified elsewhere in this permit.

**4. Recording of Results**

For each measurement or sample taken pursuant to the permit, the permittee shall record the following information.

a) The date, exact place, and time of sampling or measurement;

b) The date(s) analyses were performed;

c) The individual(s) who performed the sampling or measurement;

d) The individual(s) who performed the analyses; if a commercial laboratory is used, the name and address of the laboratory;

e) The analytical techniques or methods used, and

f) The results of such analyses. Information not required by the DMR form is not to be submitted to this agency, but is to be retained as required in III.6.

**5. Additional Monitoring by Permittee**

If the permittee monitors any pollutant at any monitoring point specified in this permit more frequently than required by this permit, using approved test procedures or others as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

**6. Records Retention**

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

**7. Definitions**

a) "Daily discharge" means the discharge of a pollutant measured during a calendar day or within any specified period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.

b) "Average monthly discharge limitation" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.

c) "Maximum daily discharge limitation" means the highest allowable daily discharge.

d) "Composite Sample" is a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall be two hours.

e) "Grab Sample" is an individual sample collected in less than 15 minutes.

f) "is" = immersion stabilization - a calibrated device is immersed in the effluent stream until the reading is stabilized.

g) The "daily average temperature" means the arithmetic average of temperature measurements made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month, or during the operating month if flows are of shorter duration.

h) The "daily maximum temperature" means the highest arithmetic average of the temperatures observed for any two (2) consecutive hours during a 24 hour day, or during the operating day if flows are of shorter duration.

i) The "monthly average fecal coliform" bacteria is the geometric average of all samples collected during the month.

j) "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or which a relationship to absolute volume has been obtained.

k) "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to pump capabilities, water meters and batch discharge volumes.

l) "Non-contact cooling water" means the water that is contained in a leak-free system, i.e., no contact with any gas, liquid, or solid other than the container for transport; the water shall have no net poundage addition of any pollutant over intake water levels, exclusive of approved anti-fouling agents.

## IV. OTHER REPORTING

**1. Reporting Spills and Accidental Discharges**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to Title 47, Series 11, Section 2 of the West Virginia Legislative Rules promulgated pursuant to Chapter 22, Article 11. Attached is a copy of the West Virginia Spill Alert System for use in complying with Title 47, Series 11, Section 2 of the Legislative rules as they pertain to the reporting of spills and accidental discharges.

**2. Immediate Reporting**

a) The permittee shall report any noncompliance which may endanger health or the environment immediately after becoming aware of the circumstances by using the Agency's designated spill alert telephone number. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

b) The following shall also be reported immediately:

(1) Any unanticipated bypass which exceeds any effluent limitation in the permit;

(2) Any upset which exceeds any effluent limitation in the permit; and

(3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit shall be reported immediately. This list shall include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.

c) The Director may waive the written report on a case-by-case basis if the oral report has been received in accordance with the above.

d) Compliance with the requirements of IV.2 of this section, shall not relieve a person of compliance with Title 47, Series 11, Section 2.

**3. Reporting Requirements**

a) Planned changes. The permittee shall give notice to the Director of any planned physical alterations or additions to the permitted facility which may affect the nature or quantity of the discharge. Notice is required when:

(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in Section 13.7.b of Series 10, Title 47; or

(2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under IV.2 of this section.

b) Anticipated noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

c) In addition to the above reporting requirements, all existing manufacturing, commercial, and silvicultural discharges must notify the Director in writing as soon as they know or have reason to believe:

(1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, or any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

(A) One hundred micrograms per liter (100 ug/l);

(B) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitro phenol; and for 2-methyl 4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;

(C) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.9 of Series10, Title 47.

(D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47;

(2) That any activity has occurred or will occur which would result in any discharge (on a non-routine or infrequent basis) of a toxic which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

(A) Five hundred micrograms per liter (500 ug/l);

(B) One milligram per liter (1 mg/l) for antimony;

(C) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.7 of Series 10, Title 47;

(D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47.

(3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a routine or frequent basis of that toxic pollutant at levels which exceed five times the detection limit for that pollutant under approved analytical procedure.

(4) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a non-routine or infrequent basis of that toxic pollutant at levels which exceed ten times the detection limit for that pollutant under approved analytical procedure.

**4. Other Noncompliance**

The permittee shall report all instances of noncompliance not reported under the above paragraphs at the time monitoring reports are submitted. The reports shall contain the information listed in IV.2.a). Should other applicable noncompliance reporting be required, these terms and conditions will be found in Section C of this permit.

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Wastewater Treatment Plant) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-A<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | Continuous | measured |
| 00310 (ML-B) RF-A<br>BOD, 5-Day 20 Deg.C<br>Summer May 1-Oct 31 | Reported | | | | | | | | | | | | |
| | Permit Limits | 2002<br>Avg. Monthly | 4003<br>Max. Daily | Lbs/Day | | N/A | 20<br>Avg. Monthly | 40<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 00310 (ML-B) RF-A<br>BOD, 5-Day 20 Deg.C<br>Winter Nov 1-Apr 30 | Reported | | | | | | | | | | | | |
| | Permit Limits | 3002<br>Avg. Monthly | 6005<br>Max. Daily | Lbs/Day | | N/A | 30<br>Avg. Monthly | 60<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 00530 (ML-A) RF-A<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | 3002<br>Avg. Monthly | 6005<br>Max. Daily | Lbs/Day | | N/A | 30<br>Avg. Monthly | 60<br>Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| 51012 (ML-K) RF-A<br>BOD,5-day % Rem,dry weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 85<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| 51013 (ML-K) RF-A<br>BOD,5-day %Rem,wet weather<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | 75<br>Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Wastewater Treatment Plant) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 51014 (ML-K) RF-A | Reported | | | | | | | | | | | | |
| Solids,Susp.% Rem,dry weather | Permit Limits | N/A | N/A | | | 85 Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| Year Round | | | | | | | | | | | | | |
| 51015 (ML-K) RF-A | Reported | | | | | | | | | | | | |
| Solids,Susp.% Rem,wet weather | Permit Limits | N/A | N/A | | | 70 Month. Avg. Min. | N/A | N/A | N/A | Percent | | 2/month | Calculated |
| Year Round | | | | | | | | | | | | | |
| 74055 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Coliform, Fecal | Permit Limits | N/A | N/A | | | N/A | 200 Mon. Geo. Mean | 400 Max. Daily | N/A | Cnts/100m | | 2/month | Grab |
| Year Round | | | | | | | | | | | | | |
| 00400 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| pH | Permit Limits | N/A | N/A | | | 6 Inst. Min. | N/A | 9 Inst. Max. | N/A | S.U. | | 1/week | Grab |
| Year Round | | | | | | | | | | | | | |
| 00300 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Dissolved Oxygen | Permit Limits | N/A | N/A | | | 7 Inst. Min. | N/A | N/A | N/A | mg/l | | 2/week | Grab |
| Year Round | | | | | | | | | | | | | |
| 00610 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Ammonia Nitrogen | Permit Limits | 550 Avg. Monthly | 1101 Max. Daily | Lbs/Day | | N/A | 5.5 Avg. Monthly | 11 Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| Summer May 1-Oct 31 | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Wastewater Treatment Plant) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00610 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Ammonia Nitrogen | Permit Limits | 1101 Avg. Monthly | 2202 Max. Daily | Lbs/Day | | N/A | 11 Avg. Monthly | 22 Max. Daily | N/A | mg/l | | 1/week | 24 hr Composite |
| Winter Nov 1-Apr 30 | | | | | | | | | | | | | |
| 50060 (ML-A) RF-A | Reported | | | | | | | | | | | | |
| Chlorine, Total Residual | Permit Limits | N/A | N/A | | | N/A | 0.04 Avg. Monthly | 0.057 Max. Daily | 0.1 | mg/l | | 1/week | Grab |
| Year Round | | | | | | | | | | | | | |
| 01119 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Copper, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01114 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Lead, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01094 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Zinc, Total Recoverable | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 01002 (ML-A) RF-C | Reported | | | | | | | | | | | | |
| Arsenic, Total (as As) | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Wastewater Treatment Plant) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 01113 (ML-A) RF-B<br>Cadmium, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| 01032 (ML-A) RF-C<br>Chromium, Hexavalent<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 00718 (ML-A) RF-B<br>Cyanide, Weak Acid Dissociable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/quarter | Grab |
| 71900 (ML-A) RF-B<br>Mercury, Total (as Hg)<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | ug/l | | 1/quarter | Grab |
| 01074 (ML-A) RF-C<br>Nickel, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |
| 01079 (ML-A) RF-C<br>Silver, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | 24 hr Composite |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Wastewater Treatment Plant) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 001
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00951 (ML-A) RF-B | Reported | | | | | | | | | | | | |
| Fluoride, Total | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | mg/l | | 1/quarter | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 61426 (ML-B) RF-D | Reported | | | | | | | | | | | | |
| Chronic Tox-Ceriodaphnia Dubia | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUc | | 1/year | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |
| 61428 (ML-B) RF-D | Reported | | | | | | | | | | | | |
| Chronic Toxicity - Pimephales | Permit Limits | N/A | N/A | | | N/A | Rpt Only Avg. Monthly | Rpt Only Max. Daily | N/A | TUc | | 1/year | 24 hr Composite |
| Year Round | | | | | | | | | | | | | |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 085
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 085
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-B<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 086
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 086
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 087
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 087
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 088
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 088
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 089
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 50050 (ML-1) RF-B<br>Flow,in Conduit or thru plant<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mgd | | 1/quarter | Estimated |
| 00310 (ML-1) RF-C<br>BOD, 5-Day 20 Deg.C<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00530 (ML-1) RF-C<br>Total Suspended Solids<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 74055 (ML-1) RF-B<br>Coliform, Fecal<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | 400<br>Max. Daily | N/A | Cnts/100m | | 1/quarter | Grab |
| 00400 (ML-1) RF-C<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Inst. Min. | N/A | Rpt Only<br>Inst. Max. | N/A | S.U. | | 1/6 months | Grab |
| 00610 (ML-1) RF-C<br>Ammonia Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

* CEL = Compliance Evaluation Level

| Name of Principal Executive Officer | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of a fine and imprisonment for knowing violations. | Date Completed |
|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Storm Water) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 089
WASTELOAD FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00980 (ML-1) RF-C<br>Iron, Total Recoverable<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 81017 (ML-1) RF-C<br>Chem. Oxygen Demand<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |
| 00552 (ML-1) RF-C<br>Oil and Grease, Hexane EXTR.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | Rpt Only<br>Avg. Monthly | Rpt Only<br>Max. Daily | N/A | mg/l | | 1/6 months | Grab |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Sludge) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00400 (ML-+) RF-B<br>pH<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | N/A | Rpt Only<br>Maximum | N/A | S.U. | | 1/quarter | Grab |
| 61521 (ML-+) RF-B<br>Arsenic, Sludge Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78476 (ML-+) RF-B<br>Cadmium,Sludge,Tot Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78473 (ML-+) RF-B<br>Chromium, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78475 (ML-+) RF-B<br>Copper,Sludge,Tot,Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78468 (ML-+) RF-B<br>Lead, Dry. Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Sludge) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 78471 (ML-+) RF-B<br>Mercury, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78465 (ML-+) RF-B<br>Molybdenum,Dry Wgt<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78469 (ML-+) RF-B<br>Nickel, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 49031 (ML-+) RF-B<br>Selenium,Sludge,Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78467 (ML-+) RF-B<br>Zinc, Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 00916 (ML-+) RF-B<br>Calcium, Total (as Ca)<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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|---|---|---|
| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Sludge) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 61553 (ML-+) RF-B<br>Solids, Total Sludge Percent<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | Rpt Only<br>Minimum | Rpt Only<br>Avg. | Rpt Only<br>Maximum | N/A | Percent | | 1/quarter | 1 Week Comp |
| 78472 (ML-+) RF-B<br>Potassium, Sludge Tot. Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78478 (ML-+) RF-B<br>Phosphorus,Sludge,Tot,Dry Wt.<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 82294 (ML-+) RF-B<br>Nitrogen, Ammonia Tot. DW<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 78470 (ML-+) RF-B<br>Nitrogen, Sludge Tot. Dry Wt<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |
| 51020 (ML-+) RF-B<br>Organic Nitrogen<br>Year Round | Reported | | | | | | | | | | | | |
| | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only<br>Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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WRD 2A-82

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
SEWAGE SLUDGE MONITORING REPORT

Permit Limits

FACILITY NAME: (Sludge) CLARKSBURG SANITARY BD
LOCATION OF FACILITY: CLARKSBURG; Harrison County
PERMIT NO.: WV0023302 S01
RESULTS FOR THE MONTH OF:

CERTIFIED LABORATORY NAME:
CERTIFIED LABORATORY ADDRESS:
INDIVIDUAL PERFORMING ANALYSIS:

| Parameter | | Quantity | | | | Other Units | | | | | | Measurement Frequency | Sample Type |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Units | N.E. | | | | CEL* | Units | N.E. | | |
| 00927 (ML-+) RF-B | Reported | | | | | | | | | | | | |
| Magnesium,Tot (as Mg) Year Round | Permit Limits | N/A | N/A | | | N/A | N/A | Rpt Only Maximum | N/A | mg/kg | | 1/quarter | 1 Week Comp |

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| Title of Officer | | Signature of Principal Executive Officer or Authorized Agent |

# SEWAGE SLUDGE MANAGEMENT REPORT

FACILITY NAME: (CLARKSBURG SANITARY BD)CLARKSBURG SANITARY BD DESIGN FLOW: 8,000,000 gpd PERMIT NUMBER: WV0023302
ADDRESS: 222 West Main St, Clarksburg, WV 26301 YEAR: MONITORING FREQUENCY:
MONTH: LAST SAMPLE DATE:

Total Sludge Generated this Report Period: (Dry Tons) Disposal Method:
Sludge Generated this Year to Date: (Dry Tons) Amount Disposed: (Dry tons)
Sewage Sludge/Domestic Septage Received: (Gallons) Name of Landfill or Compost Facility :

**Percent Solids:** Average: Measurement Frequency: Number of Loads Landfilled With Less Than 20% Solids:

**Pathogen Reduction Method:**

- ☐ Not Applicable. No land application of sewage sludge.
- ☐ Fecal Coliform Monitoring: Geometric mean of last seven samples is col/dry gram
  **Sample results for this report period were:** col/dry gram col/dry gram
- ☐ Lime Addition: pH of sample two hours after lime addition: Range
- ☐ Aerobic Digestion: Average detention time for this report period:(days)
  Digester Temperature: Average Range
- ☐ Anaerobic Digestion: Average detention time for this report period:(days)
  Digester Temperature: Average Range
- ☐ Other: (Provide Description)

**NE: Number of loads land applied which did not fully meet pathogen reduction requirements:**

**Vector Attraction Reduction Method:**

- ☐ Not Applicable. No land application of sewage sludge.
- ☐ 38% Volatile Solids Reduction: Average volatile solids reduction for the month of was percent
- ☐ SOUR: The average Specific Oxygen Uptake rate for the month of was mg Oxygen/hour/dry gram
- ☐ Lime Addition: pH of sample two hours after lime addition: Range
  pH of sample 24 hours after lime addition: Range
- ☐ Other: (Provide Description)

**NE: Number of loads land applied which did not fully meet vector attraction reduction requirements:**

***I certify under penalty of law that the management practices, vector attraction reduction requirements, and the pathogen reduction requirements of Federal regulations 40 CFR Part 503 and State Regulation Title 33, Series 2 have been met for all sewage sludge land applied during this report period. This determination has been made under my supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate information used to determine these requirements have been met. I also certify that this document and all the attachments were prepared under my direction or supervision, and that the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are penalties for false certification including the possibility of fine and imprisonment.***

OFFICIAL TITLE

SIGNATURE DATE

Additional Comments or Explanation:

**EMERGENCY RESPONSE SPILL ALERT SYSTEM**
**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**REQUIREMENTS:**

Title 47, Series 11, Section 2 of the West Virginia Legislative Rules, Environmental Protection, Water Resources - Waste Management, Effective July 1, 1994.

**RESPONSIBILITY FOR REPORTING:**

Each and every person who may cause or be responsible for any spill or accidental discharge of pollutants into the waters of the State shall give immediate notification to the Division of Water and Waste Management's Emergency Notification Number, 1-800-642-3074. Such notification shall set forth insofar as possible and as soon thereafter as practical the time and place of such spill or discharge, type or types and quantity or quantities of the material or materials therein, action or actions taken to stop such spill or discharge and to minimize the polluting effect thereof, the measure or measures taken or to be taken in order to prevent a recurrence of any such spill or discharge and such additional information as may be requested by the Division of Water and Waste Management. This also applies to spills to the waters of the State resulting from accidents to common carriers by highway, rail and water.

It shall be the responsibility of each industrial establishment or other entity discharging directly to a stream to have available the following information pertaining to those substances that are employed or handled in its operation in sufficiently large amounts as to constitute a hazard in case of an accidental spill or discharge into a public stream:

(1) Potential toxicity in water to man, animals and aquatic life;
(2) Details on analytical procedures for the quantitative estimation of such substances in water and
(3) Suggestions on safeguards or other precautionary measures to nullify the toxic effects of a substance once it has gotten into a stream.

Failure to furnish such information as required by Section 14, Article 11, Chapter 22, Code of West Virginia may be punishable under Section 24, Article 11, Chapter 22, and/or Section 22, Article 11, Chapter 22, Code of West Virginia.

It shall be the responsibility of any person who causes or contributes in any way to the spill or accidental discharge of any pollutant or pollutants into State waters to immediately take any and all measures necessary to contain such spill or discharge. It shall further be the responsibility of such person to take any and all measures necessary to clean-up, remove and otherwise render such spill or discharge harmless to the waters of the State.

When the Director determines it necessary for the effective containment and abatement of spills and accidental discharges, the Director may require the person or persons responsible for such spill or discharge to monitor affected waters in a manner prescribed by the Director until the possibility of any adverse effect on the waters of the State no longer exists.

**VOLUNTARY REPORTING BY LAW OFFICERS, U. S. COAST GUARD, LOCK MASTERS AND OTHERS:**

In cases involving river and highway accidents where the responsible party may or may not be available to report the incident, law officers, U. S. Coast Guard, Lock Masters and other interested person(s) should make the report.

WHO TO CONTACT:
Notify the following number: **1-800-642-3074**

INFORMATION NEEDED:
- Source of spill or discharge
- Location of incident
- Time of incident
- Material spilled or discharged
- Amount spilled or discharged
- Toxicity of material spilled or discharged
- Personnel at the scene
- Actions initiated
- Shipper/Manufacturer identification
- Railcar/Truck identification number
- Container type

## NOTICE TO PERMITTEES

The 1999 regular session of the West Virginia legislature revised the Water Pollution Control Act, Chapter 22, Article 11, Section 10 of the Code of West Virginia relating to fees associated with permits. This section of the Code requires all holders of a State water pollution control permit or a national pollutant discharge elimination system permit to be assessed an annual permit fee, based upon rules promulgated by the Secretary of the Department of Environmental Protection. The Secretary has promulgated a final rule in accordance with the code revision to this effect and these rules were effective May 4, 2000. The rules establish an annual permit fee based upon the relative potential to degrade the waters of the State which, in most instances, relate to volume of discharge. However, for sewage facilities, the annual permit fee is based upon the number of customers served by the facility. You may contact the Secretary of State's Office, State Capitol Building, Charleston, WV 25305, to obtain a copy of the rules. The reference is Title 47, Legislative Rules, Department of Environmental Protection, Division of Water Resources, Series 26 Water Pollution Control Permit Fee Schedules.

Based upon the volume of discharge for which your facility is currently permitted, the number of customers served by your facility or for the category you fall within, pursuant to Section 7 of Title 47, Series 26, your annual permit fee is **$2500.00**. This fee is due no later than the anniversary date of permit issuance in each year of the term of the permit or in the case of coverage under a general permit, the fee is due no later than the anniversary date of your coverage under the general permit. **You will be invoiced by this agency at the appropriate time for the fee**. Failure to submit the annual fee within ninety(90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect.

## RIGHT OF APPEAL

**Notice is hereby given of your right to appeal the terms and conditions of this permit which you are aggrieved by to the Environmental Quality Board by filing a NOTICE OF APPEAL on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of the above permit.**

west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0495
Fax: (304) 926-0463

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
dep.wv.gov

CERTIFIED RETURN RECEIPT REQUESTED

**ORDER NO.:** 8260

**DATE:** May 19, 2015

**TO:** City of Clarksburg
Sanitary Board
222 West Main Street
Clarksburg, WV 26301

**RE:** WV/NPDES Water Pollution Control Permit No. WV0023302

The following FINDINGS are made and ORDER issued pursuant to the authority vested in the Director of the Division of Water and Waste Management under Chapter 22, Article 11 of the Code of West Virginia.

# FINDINGS OF FACT

1. The City of Clarksburg owns and operates an existing combined wastewater collection and treatment system that discharges pollutants into the waters of the State.

2. The City of Clarksburg was issued WV/NPDES Permit No. WV0023302, on the 19th day of May 2015, for the operation and maintenance of the existing 8.0 million gallons per day wastewater collection and treatment system, and the discharge of treated wastewater from said system.

3. The wastewater collection system operated by the City of Clarksburg is a combined sewer system and contains within this system 56 combined sewer overflow (CSO) relief points which discharge untreated sewage and contaminated storm water during wet weather events when flows exceed the conveyance and/or treatment capacity of the collection system.

4. USEPA issued a National Combined Sewer Overflow Control Strategy on August 10, 1989 (54 Federal Register 37370). This Strategy reaffirmed that CSOs are point sources subject to National Pollutant Discharge Elimination System (NPDES) permit requirements and to Clean Water Act requirements. The CSO Strategy recommended that all CSOs be identified and categorized according to their status of compliance with these requirements. In addition, the CSO Strategy charged all States with developing statewide permitting strategies designed to reduce, eliminate, or control CSOs.

5. In mid-1991 USEPA initiated a process to accelerate implementation of the CSO Control Strategy. The initiative resulted in the development of the CSO Control Policy that was issued on April 19, 1994 (59 Federal Register 18688). The CSO Control Policy contains provisions for developing appropriate, site-specific NPDES permit requirements for all Combined Sewer Systems that overflow due to wet weather events. It also announces an enforcement initiative that requires the immediate elimination of overflows that occur during dry weather and ensures that the remaining Clean Water Act requirements are complied with as soon as possible.

6. The CSO Control Policy requires the development and implementation of a Long-Term Control Plan (LTCP) that will provide a range of CSO control alternatives that will be sufficient to provide for the attainment of water quality standards, including designated uses of CSO-impacted receiving streams.

7. The LTCP requires an engineering analysis to determine the costs of the various CSO control options and portray those options in the framework of affordability for the community and also stand-alone cost effectiveness in order to determine the costs that are reasonable to incur.

8. The City of Clarksburg submitted a CSO LTCP, and the Division completed its review and approval on February 19, 2003.

9. Administrative Order No. 5709, was issued on May 5, 2005 requiring the City of Clarksburg to submit revisions to the approved LTCP resultant to the US EPA's interpretation of the CSO Control Policy and the necessary provisions that needed to be contained in an LTCP.

10. The City of Clarksburg then used the most current guidance and reached agreement on how to proceed and determine what specific additional information submission may be necessary. As a result, a revised LTCP was submitted to the agency on December 13, 2007, which also included a proposed implementation schedule. The agency approved the revised LTCP on April 29, 2010.

11. The CSO Control Policy provides streamlined requirements for small CSO systems, defined as those serving 75,000 people or less. The City of Clarksburg qualifies as a small CSO system.

12. The Wet Weather Water Quality Act of 2000 dated December 15, 2000 requires that all permits, orders, and decrees issued for a discharge from a municipal combined storm and sanitary sewer shall conform to the CSO Control Policy issued on April 19, 1994.

13. The receiving streams, West Fork River and Elk Creek had TMDLs developed, in July 2014, for aluminum, iron, pH, chloride, and fecal coliform bacteria. The 2014 EPA approved TMDL specifies wasteload allocations of 200 counts per 100 milliliters for fecal coliform for the CSO outlets. As such, the permittee must implement procedures in its LTCP to afford compliance with the wasteload allocations prescribed by the TMDL.

14. Because the City of Clarksburg's compliance with Section F.3 of WV/NPDES Permit No. WV0023302, issued on the 19th day of May 2015, is uncertain this ORDER requires the City of Clarksburg to:

## ORDER FOR COMPLIANCE

1. The City of Clarksburg shall continue to implement its approved Nine (9) Minimum Controls Program, including the public notice and reporting requirements relating to CSO events.

2. This Order shall supersede Order No. 5709, issued May 5, 2005, along with Amendment No. 1, issued April 29, 2010, Amendment No. 2, issued March 18, 2011, and Amendment No 3, issued December 2, 2013.

3. The implementation schedule contained in the approved LTCP shall, hereby, become an enforceable term and condition of this ORDER. Additionally, this ORDER shall be amended, as necessary, to include the mechanisms necessary to implement the requirements of the CSO Control Policy.

4. The City of Clarksburg shall implement and effectively operate and maintain all current CSO control measures and any completed CSO abatement projects in accordance with the revised LTCP as approved by the Division.

5. The City of Clarksburg shall develop and submit a post-construction compliance monitoring plan that is adequate to ascertain the effectiveness of the CSO controls and that can be used

5. (Continued)

to verify attainment of water quality standards. The plan shall include details of monitoring protocols to be followed including CSO and ambient monitoring. The post-construction compliance-monitoring plan may be developed as a part of the LTCP revised information submittal of Order for Compliance, Section 4, as specified above.

6. The approved LTCP becomes an integral part of this Order. The Implementation Schedule included in the LTCP shall become a part of this Order and is found in "Attachment A" of this Order. The permittee shall adhere to this Implementation Schedule.

7. The City of Clarksburg recognizes that the CSO Outlets discharges are required to achieve any wasteload prescribed upon it by the Environmental Protection Agency (EPA) approved TMDL. The City of Clarksburg may need to revise its LTCP to identify CSO receiving streams with a complete TMDL for fecal coliform and to further recognize those specific CSOs affected by the TMDL and the associated wasteload allocations prescribes by the TMDL. The City shall submit a singular, complete, stand-alone final copy of its amended LTCP including the implementation schedule no later than the 18th day of May 2016.

8. The City of Clarksburg shall be required every year to make requests to known funding agencies including the Infrastructure and Jobs Development Council, the Small Cities Block Grants, Appalachian Regional Commission, Rural Utilities Service, Corp of Engineers, and Congressional STAG Appropriations, for monies to construct CSO abatement projects during the term of this ORDER. Documentation of these funding requests shall be submitted to the Division as a part of the required quarterly CSO progress reports.

9. The City of Clarksburg shall submit a LTCP Status Report as part of the semiannual CSO Summary Reports being currently provided.

Compliance with the terms and conditions of this ORDER shall not be construed to relieve the City of Clarksburg of the obligation to comply with the other terms and conditions of its WV/NPDES permit, or of any applicable Federal, State, or local law. Violation of this ORDER is a violation of the West Virginia State Code, Chapter 22, Article 11, and may result in further enforcement action as outlined in the Act.

This ORDER shall be effective 20 days from its receipt.

## RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this Order with which you are aggrieved to the Environmental Quality Board by filing a NOTICE of APPEAL on the form prescribed by such Board, in accordance with the provisions of Sections 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after receipt of this Order.

By: _____
Scott G. Mandirola
Acting Director

SGM/jdm

City of Clarksburg
Administrative Order No. 8260
May 19, 2015

Attachment A

**CSO Implementation Schedule**

**Phase I** - The permittee has completed the following items **on or before December 31, 2009.**

1. Replace an existing gravity sewer line in the Davisson Run area to Hill-N-Dale subdivision to eliminate the requirements of two (2) lift stations.
2. Installation of a storm sewer in Adamston to separate storm water from sanitary sewage.
3. Cleaning of approximately 3,400 LF of gravity sewer line to maximize flow to the WWTP.
4. Perform miscellaneous manhole rehabilitation work (removed and replaced 11 manholes).
5. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.

**Phase II** - The permittee shall complete the following items **on or before June 30, 2011**

1. Implement a CSO discharge monitoring program by installing a minimum of two (2) flow meters and a minimum of four (4) flow detection probes in the most active CSOs.
2. In accordance with WVDEP NMC policy, establish and include in the City's CSO OMM, policies and procedures for documenting customer complaints (which will be available for public review), training for WWTP and Public Works personnel, maintaining an inventory of all critical CSO equipment, inspection and cleaning of all critical CSO equipment, reducing the occurrences of dry weather flows, controlling solids and floatable materials, and implementation of a pollution prevention program.
3. Develop and implement a public education and awareness program concerning the significance and impacts of CSO events.
4. Record and document public involvement concerning CSO operations.
5. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.

**Phase III** – The permittee shall complete the following items **on or before February 28, 2016.**

1. Construct a screen building to house the fine bar screen, disinfection (chlorination/dechlorination or UV), construction of an additional primary clarifier, equipment and concrete channels, and all necessary site work, piping, electrical, and mechanical. The final WWTP upgrade components and configuration and will be

**Phase III (Continued)**

1. (Continued)

determined during development of the facility plan, which is due to be completed during Phase II, by June 30, 2011.
2. Install a minimum of eight (8) flow meters and fifty-one (51) flow detection probes in the remaining CSO outfalls
3. Capital improvements shall include: (a) rebuild or replace three process air blowers, (b) dredge and close an existing ash lagoon, (c) purchase a new flusher, (d) purchase new backhoe, (e) rehabilitate approximately 500 L.F of sewer line, and rehabilitate two (2) manholes.
4. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
5. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase III construction.

**Phase IV** – The permittee shall complete the following items **on or before December 31, 2018.**

1. Separate approximately 40,000 linear feet of pipe in all sub-sewershed areas except Downtown and Glen Elk. This work covers all CSOs except for the following: 004, 082, 006, 077, 020,022, 028, 017, 030, 019, 021, 023, 025, 027, 033, 034, 036, and 045.
2. Capital improvements will include: (a) replace pump station bar screens, (b) clean out wet well, (c) replace all WWTP flow measuring equipment, (d) replace all aeration tank diffusers, (e) purchase two (2) new dump trucks, (f) purchase two (2) new crew trucks, (g) rehabilitate approximately 1,000 L.F. of sewer line, and rehabilitate six (6) manholes.
3. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase IV construction.

**Phase V** – The permittee shall complete the following items **on or before December 31, 2024.**

1. Should it become necessary in order to achieve water quality in the receiving stream during CSO discharges, the permittee shall install an 11 MG storage facility including associated piping, plumbing, and required aeration facilities. Storage facility location will be determined after completion of the Phase IV post construction monitoring evaluation.
2. Capital improvements will include: (a) install a new roof on the solids disposal building, (b) replace automatic composite samplers, (c) replace sludge thickener drive unit, (d) replace chlorinators and sulfurnators, (e) purchase a new flusher, (f) purchase a new backhoe, (g) rehabilitate 500 L.F. of sewer line, and (h) rehabilitate three (3) manholes.
3. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase V construction.

**Phase VI** – The permittee shall complete the following items **on or before December 31, 2028.**

1. Should it become necessary in order to achieve water quality in the receiving stream during CSO discharges, the permittee shall install an additional 11 MG storage facility including associated piping, plumbing, and required aeration facilities. Storage facility location will be determined after completion of the Phase V post construction monitoring evaluation.
2. Capital improvements will include: (a) replace sludge return pumps, (b) replace sludge collectors in final clarifiers, (c) install a new roof on the operations and the pump station buildings, and (d) purchase three (3) new dump trucks.
3. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase VI construction.

**Phase VII** – The permittee shall complete the following items **on or before December 31, 2032.**

1. Should it become necessary in order to achieve water quality in the receiving stream during CSO discharges, the permittee shall install an additional 11 MG storage facility including associated piping, plumbing, and required aeration facilities. Storage facility location will be determined after completion of the Phase VI post construction monitoring evaluation
2. Capital improvements will include: (a) replace belt press, and (b) as needed, replace miscellaneous laboratory equipment and replace valves and piping throughout the WWTP, (c) rehabilitate approximately 2,000 L.F. of sewer line, and (d) rehabilitate ten (10) manholes.
3. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
4. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase VII construction.

**Phase VIII** – The permittee shall complete the following items **on or before December 31, 2036.**

1. Should it become necessary in order to achieve water quality in the receiving streams during CSO discharges, the permittee shall complete the planning, selection, design and implementation of the CSO management practices and controls to meet the requirement of the Clean Water Act (CWA), the 1994 USEPA Combine Sewer Overflow (CSO) Control Policy and other USEPA guidance documents, and West Virginia's CSO Long-Term Control Plan Implementation Policy.
2. The permittee shall continue to submit a brief summation of current LTCP activities in the semi-annual CSO Summary Reports. The flows to the WWTP shall be monitored, evaluated, and summarized in the semi-annual CSO Summary Report.
3. Submit a post construction monitoring evaluation within twelve (12) months after completion of Phase VIII construction.