COLORADO
Department of Public Health & Environment

WATER QUALITY CONTROL DIVISION

COMPLIANCE ORDER ON CONSENT **NUMBER: MC-24XXXX-X**

IN THE MATTER OF: **TOWN OF ERIE**
CDPS PERMIT NO. CO0048445
WELD COUNTY, COLORADO

The Colorado Department of Public Health and Environment ("Department"), through the Water Quality Control Division ("Division"), issues this Compliance Order on Consent ("Consent Order"), pursuant to the Division's authority under §§25-8-602 and 605, C.R.S. of the Colorado Water Quality Control Act ("Act") §§25-8-101 to 803, C.R.S., and its implementing regulations, with the express consent of the Town of Erie ("Erie"). The Division and Erie may be referred to collectively as the "Parties."

STATEMENT OF PURPOSE

1. The mutual objectives of the Parties in entering into this Consent Order are:

   a. To establish enforcement action limits for Erie's current, Division-approved effluent flow, influent hydraulic capacity, and influent organic capacity until Colorado Discharge Permit System ("CDPS") Permit Number CO0048445 ("Permit") is renewed by the Division.

   b. To resolve, without litigation, the civil penalties associated with the alleged violations cited herein and in the Notice of Violation / Cease and Desist Order, Number: DO-200909-1 ("NOV/CDO"), that the Division issued to Erie on September 9, 2020.

DIVISION'S FINDINGS OF FACT AND DETERMINATION OF VIOLATIONS

2. Based upon the Division's investigation into and review of the compliance issues identified herein, and in accordance with §§25-8-602 and 605, C.R.S., the Division has made the following determinations regarding Erie and Erie's compliance with the Act and its Permit.

3. At all times relevant to the alleged violations identified herein, Erie was a municipality as defined by §31-1-101(6), C.R.S.

4. Erie is a "person" as defined by §25-8-103(13), C.R.S. and its implementing permit regulation, 5 CCR 1002-61, §61.2(73).

5. Erie owns and/or operates the Erie North Water Reclamation Facility, located at approximately 40.0979, -105.0432, north of the Town of Erie, Weld County, Colorado ("Facility").

6. The Facility consists of an influent pump station, headworks, integrated fixed film activated sludge ("IFAS"), secondary clarification, and ultraviolet ("UV") disinfection for wastewater treatment. The current Division-approved hydraulic capacity of the Facility is 3.03 million gallons per day ("MGD") and the current Division-approved organic capacity is 5,233 pounds ("lbs.") of biochemical oxygen demand ("BOD") per day, as specified in Site Approval ES.20.SA.05520.

7. The Facility is the subject of the Permit. The current version of the Permit became effective on February 1, 2011, was modified May 1, 2015, and is currently administratively continued.

8. The Permit authorizes Erie to discharge treated wastewater from the Facility through Outfall 001A into Boulder Creek. Outfall 001A is physically located at approximately 40.0979, -105.0432 and is the only external outfall permitted to Erie. The Permit also requires Erie to monitor influent loading to the Facility at a representative point prior to entering any treatment ("Permitted Feature 300I").

9. Pursuant to 5 CCR 1002-61, §61.8, Erie must comply with all the terms and conditions of the Permit, and violations of such terms and conditions as specified in the Permit may make Erie subject to civil and criminal liability pursuant to §§25-8-601 through 612, C.R.S.

10. On December 29, 2017, a representative of the Division ("Inspector") conducted an on-site inspection of the Facility pursuant to the authority under §25-8-306, C.R.S., to determine Erie's compliance with the Act and the Permit ("2017 Inspection"). During the 2017 Inspection, the Inspector interviewed Facility representatives, reviewed the Facility's records, and performed a physical inspection of the Facility.

Failure to Comply with Permit Effluent Limits

11. Pursuant to Part I.A.1. of the Permit, Erie's permitted discharge shall not contain effluent parameter concentrations which exceed the limitations specified in Part I.A.2. of the Permit/Attachment A.

12. Pursuant to Part I.A.2. of the Permit, in order to provide an indication of compliance or non-compliance with the effluent limitations of the Permit, Erie is required to monitor defined effluent parameters at specified frequencies and report the results on a Discharge Monitoring Report ("DMR").

13. Erie's submitted DMRs include, among other information and data, the effluent concentration data summarized in Attachment B for ammonia, copper, flow, pH, total suspended solids ("TSS"), and manganese, which exceeded the effluent limits as specified in Part I.A.2. of the Permit/Attachment A.

14. Ammonia, copper, flow, pH, TSS, and manganese are "pollutants", or indicators thereof, as defined by §25-8-103(15), C.R.S. and its implementing permit regulation, 5 CCR 1002-61, §61.2(76).

15. The Permit does not authorize the pollutant levels identified in Attachment B and, during the reporting periods specified in Attachment B, Erie did not have any other permit authorizing such discharge into state waters.

16. Erie's failure to comply with the Permit effluent limits set forth in Part I.A.2. of the Permit/Attachment A constitutes violations of Part I.A.1. and Part I.A.2. of the Permit.

Failure to Properly Report

17. Pursuant to Part I.A.2. of the Permit, in order to obtain an indication of compliance or non-compliance with the effluent limitations specified in the Permit, Erie is required to monitor all effluent parameters specified in the Permit at the frequencies specified by the Permit. The results of such monitoring shall be reported on the DMR.

18. Pursuant to Part I.D.1. of the Permit, Erie is required to report all monitoring results on a monthly basis using Division approved DMRs or through Net DMR. Erie is required to ensure that the DMRs are received by the Division by no later than the 28th day of the month following the end of the reporting period. Pursuant to Part I.D.8. of the Permit, each DMR shall include a certification by Erie that the information provided therein is true, accurate and complete to the knowledge of Erie.

19. Erie failed to submit DMRs to the Division by the 28th day of the month following the reporting periods identified below:

ERIE NORTH WATER RECLAMATION FACILITY
LATE DISCHARGE MONITORING REPORTS

DMR Reporting Period	Monitoring Point	DMR Due Date	Date Received
November 1, 2016 – November 30, 2016	001A	12/28/2016	08/30/2019
October 1, 2016 – December 31, 2016	001X	01/28/2017	08/30/2019
December 1, 2016 – December 31, 2016	001A	01/28/2017	08/30/2019
January 1, 2017 – January 31, 2017	001A	02/28/2017	08/30/2019
April 1, 2017 – June 30, 2017	001X	07/28/2017	08/30/2019
June 1, 2017 – June 30, 2017	001A	07/28/2017	08/30/2019
December 1, 2017 – December 31, 2017	001A	01/28/2018	09/03/2019

20. Erie failed to submit complete DMRs by the due date required in Part I.D.1. of the Permit for the reporting periods and parameters identified in Attachment C.

21. Erie's failure to submit complete DMRs to the Division by the 28th day of the month following each reporting period, as identified in Paragraph 19 and Paragraph 20 above, constitutes violations of Part I.D.1. of the Permit.

Failure to Maintain Records

22. Pursuant to Part I.D.6.a. of the Permit, Erie is required to establish and maintain records that include:
    a. The date, type, exact place, and time of sampling or measurements;
    b. The individual(s) who performed the analyses; and
    c. The analytical techniques or methods used.

23. During the 2017 Inspection, the Inspector identified deficiencies in the forms, logs, and bench sheets used when staff at the Facility collected and analyzed samples. Specifically, the sample method, sample type, measurement time, sample time, and/or analyst name were not included in Erie's records. Following the inspection, Erie provided documentation confirming the bench sheets

had been updated to include the required missing information and the Facility's staff had been informed of the changes.

24. Erie's failure to record and maintain the required records constitutes violations of Part I.D.6.a. of the Permit.

Failure to Collect Representative Sample

25. Pursuant to Part I.A.2. of the Permit, Erie is required to monitor Whole Effluent Toxicity ("WET") testing using composite samples.

26. Part I.C.4. of the Permit defines composite samples to be a minimum of four grab samples collected at equally spaced two hour intervals and proportioned according to flow.

27. During the 2017 Inspection, the Inspector identified that Erie was not collecting flow proportioned samples and, therefore, not collecting the required composite samples. In a letter dated March 13, 2018, Erie indicated the sampling technique had been corrected and representative flow proportioned composite samples were being collected for WET testing.

28. Erie's failure to collect representative composite samples, as required by the Permit, constitutes violations of Part I.A.2. of the Permit.

ORDER AND AGREEMENT

29. Based on the foregoing factual and legal determinations, pursuant to its authority under §§25-8-602 and 605, C.R.S., and in satisfaction of the civil penalties associated with the alleged violations cited herein and in the NOV/CDO, the Division orders Erie to comply with all provisions of this Consent Order, including all requirements set forth below.

30. Erie agrees to the terms and conditions of this Consent Order. Erie agrees that this Consent Order constitutes a notice of alleged violation and an order issued pursuant to §§25-8-602 and 605, C.R.S., and is an enforceable requirement of the Act. Erie also agrees not to challenge directly or collaterally, in any judicial or administrative proceeding brought by the Division or by Erie against the Division:

    a. The issuance of this Consent Order;
    b. The factual and legal determinations made by the Division herein; and
    c. The Division's authority to bring, or the court's jurisdiction to hear, any action to enforce the terms of this Consent Order under the Act.

31. Notwithstanding the above, Erie does not admit to any of the factual or legal determinations made by the Division herein, and any action undertaken by Erie pursuant to this Consent Order shall not constitute evidence of fault and liability by Erie with respect to the conditions of the Facility. Erie expressly reserves its rights to deny any of the Division's factual or legal determinations or defend itself in any other third party proceeding relating to the information identified in this Consent Order.

Compliance Requirements

32. Part I.A.2. of the Permit currently requires, among other effluent monitoring requirements, the

following:

ERIE NORTH WATER RECLAMATION FACILITY PERMITTED FEATURE/LIMIT SET 001A						
ICIS CODE	EFFLUENT PARAMETER	EFFLUENT LIMITATIONS MAXIMUM CONCENTRATIONS			MONITORING REQUIREMENTS	
		30-Day Average	7-Day Average	Daily Maximum	Frequency	Sample Type
50050	Effluent Flow (MGD)	1.5	-	Report	Continuous	Recorder

33. Part I.A.3. of the Permit currently requires, among other influent monitoring requirements, the following:

ERIE NORTH WATER RECLAMATION FACILITY PERMITTED FEATURE 300I			
ICIS CODE	INFLUENT PARAMETER	MONITORING REQUIREMENTS	
		Frequency	Sample Type
00180 G	Plant Capacity (% of Capacity – Hydraulic)*	Monthly	Calculated
00180 G	Plant Capacity (% of Capacity – Organic)*	Monthly	Calculated
*The % capacity is to be reported against the listed capacities of 1.5 MGD for the hydraulic capacity and 3,223 lbs/day for the organic capacity as noted in Site Approval 5054. The percentage should be calculated using the 30-day average values divided by the corresponding capacity, times 100.			

34. On September 7, 2016, Erie received Site Location Approval Number ES.16.SA.02610 from the Division for its Facility Capacity Improvement Project, which, among other improvements, increased the hydraulic capacity of the Facility from 1.5 MGD to 1.95 MGD and the organic capacity of the Facility from 3,223 lbs BOD/day to 5,372 lbs BOD/day. On November 29, 2016, Erie received Design Approval Number ES.16.CWPDR.02611 from the Division for its Facility Capacity Improvement Project, and on August 15, 2017, the Division received Erie's self-certification that the Facility Capacity Improvement Project was completed and constructed in accordance with the design documents approved by the Division.

35. On October 29, 2020, Erie received Site Location Approval Number ES.20.SA.05520 from the Division for its Facility Expansion Project, which, among other improvements, increased the hydraulic capacity of the Facility from 1.95 MGD to 3.03 MGD and the organic capacity of the Facility from 5,372 lbs BOD/day to 9,376 lbs BOD/day. On December 18, 2020, Erie received Design Approval Number ES.20.CWPDR.05521 from the Division for its Facility Expansion Project, and on July 8, 2024, the Division received Erie's self-certification that the Facility Expansion Project was completed and constructed in accordance with the design documents approved by the Division.

36. Given that Erie's permit is currently administratively continued and cannot be modified to reflect Erie's current, Division-approved hydraulic capacity, the Parties have determined that the following enforcement action limit is appropriate and shall replace the flow limitation in Part I.A.2. of the Permit. Such limits will begin December 1, 2024 and last until the Permit is renewed by the Division:

ERIE NORTH WATER RECLAMATION FACILITY PERMITTED FEATURE/LIMIT SET 001A						
ICIS CODE	EFFLUENT PARAMETER	EFFLUENT LIMITATIONS MAXIMUM CONCENTRATIONS			MONITORING REQUIREMENTS	
		30-Day Average	7-Day Average	Daily Maximum	Frequency	Sample Type
50050	Effluent Flow (MGD)	3.03	-	Report	Continuous	Recorder

37. Given that Erie's permit is currently administratively continued and cannot be modified to reflect Erie's current, Division-approved hydraulic and organic capacities, the Parties have determined that the following enforcement action limits are appropriate. Such limits will begin December 1, 2024 and last until the Permit is renewed by the Division:

ERIE NORTH WATER RECLAMATION FACILITY PERMITTED FEATURE 300I			
ICIS CODE	INFLUENT PARAMETER	MONITORING REQUIREMENTS	
		Frequency	Sample Type
00180 G	Plant Capacity (% of Capacity – Hydraulic)*	Monthly	Calculated
00180 G	Plant Capacity (% of Capacity – Organic)*	Monthly	Calculated
*The % capacity is to be reported against the listed capacities of 3.03 MGD for the hydraulic capacity and 9,376 lbs/day for the organic capacity as noted in Site Approval ES.20.SA.05520. The percentage should be calculated using the 30-day average values divided by the corresponding capacity, times 100.			

SUPPLEMENTAL ENVIRONMENTAL PROJECT

38. Erie shall pay $85,000.00 in the form of expenditures on a Supplemental Environmental Project ("SEP") in order to achieve settlement of this matter.

39. Erie shall perform the SEP identified below. Erie's total expenditure for the SEP shall be not less than $85,000.00. Erie shall include the following language in any public statement, oral or written, making reference to the SEP: "This project was undertaken in connection with the settlement of an enforcement action taken by the Colorado Department of Public Health and Environment for alleged violations of the Colorado Water Quality Control Act."

40. Erie shall undertake the following SEP, which the Parties agree is intended to secure significant environmental or public health protection and improvements:

    a. Erie shall fund a project that supports Eco-Cycle in reducing waste generated at schools in and near Erie, and landfilled in the Front Range Landfill located in Erie. Waste diversion and reduction will be accomplished through the following activities:

        i. Green Star Schools ("GSS") Program – Eco-Cycle will onboard six new GSS Program schools in and near Erie. The GSS Program introduces compost collection, improves recycling, and promotes reuse through an extensive and ongoing education program.

ii. Reusable Zero Waste Event Kits – Eco-Cycle will furnish 20 reusable zero waste event kits to schools in and near Erie. Reusable Zero Waste Event Kits include 30 reusable plates, cups, spoons, forks, and cloth napkins in a reusable storage container. Each kit also contains an instruction sheet. Zero Waste Event Kits replace single-use disposables and will be used at school-sponsored events where food and drinks are served. These events may include but are not limited to classroom celebrations, staff meetings, teacher conference dinners, PTO and PTA meetings, and larger school community events such as dances and graduations. After use, the kit materials are washed by school staff or adult volunteers and returned for reuse.

Erie shall donate $85,000.00 to Eco-Cycle to perform the above-described SEP. A copy of the executed SEP Agreement is attached to this Order as Attachment D. Erie shall make the payment to Eco-Cycle in one $85,000.00 installment due within 30 calendar days of the effective date of this Consent Order. The payment shall include a cover letter identifying the donation to Eco-Cycle and be sent to:

Eco-Cycle
6400 Arapahoe Rd
Boulder, CO 80303

Erie shall provide the Division with a copy of the cover letter and check within 30 calendar days of payment made to Eco-Cycle.

b. Erie shall not deduct the payment of the SEP donation described above for any tax purpose or otherwise obtain any favorable tax treatment of such payment or project

c. Erie hereby certifies that, as of the date of this Consent Order, it is not under any existing legal obligation to perform or develop the SEP. Erie further certifies that it has not received, and will not receive, credit in any other enforcement action for the SEP. In the event that Erie has, or will receive credit under any other legal obligation for the SEP, Erie shall pay $85,000 to the Division as a civil penalty within 30 calendar days of receipt of a demand for payment by the Division. Method of payment shall be by certified or cashier's check drawn to the order of the "Colorado Department of Public Health and Environment," and delivered to:

Jocelyn Brink
Colorado Department of Public Health and Environment
Water Quality Control Division
Mail Code: WQCD-CWE-B2
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

SCOPE AND EFFECT OF CONSENT ORDER

41. The Parties agree and acknowledge that this Consent Order constitutes a full and final settlement of the civil penalties associated with the violations cited herein and in the NOV/CDO.

42. This Consent Order is subject to the Division's "Public Notification on Administrative Enforcement

Actions Policy," which includes a 30-day public comment period. The Division and Erie each reserve the right to withdraw consent to this Consent Order if comments received during the 30-day period result in any proposed modification to the Consent Order.

43. This Consent Order constitutes a final agency order or action upon a determination by the Division following the public comment period. Any violation of the provisions of this Consent Order by Erie, including any false certifications, shall be a violation of a final order or action of the Division for the purpose of §25-8-608, C.R.S., and may result in the assessment of civil penalties of up to $64,326 per day for each violation.

44. The Parties' obligations under this Consent Order are limited to the matters expressly stated herein or in approved submissions required hereunder. All submissions made pursuant to this Consent Order are incorporated into this Consent Order and become enforceable under the terms of this Consent Order as of the date of approval by the Division.

45. The Division's approval of any submission, standard, or action under this Consent Order shall not constitute a defense to, or an excuse for, any prior violation of the Act, or any subsequent violation of any requirement of this Consent Order or the Act.

46. Notwithstanding Paragraph 31 above, the violations described in this Consent Order will constitute part of Erie's compliance history.

47. Erie shall comply with all applicable Federal, State, and/or local laws in fulfillment of its obligations hereunder and shall obtain all necessary approvals and/or permits to conduct the activities required by this Consent Order. The Division makes no representation with respect to approvals and/or permits required by Federal, State, or local laws other than those specifically referred to herein.

LIMITATIONS, RELEASES AND RESERVATION OF RIGHTS AND LIABILITY

48. Upon the effective date of this Consent Order, and during its term, this Consent Order shall stand in lieu of any other enforcement action by the Division with respect to civil penalties for the specific instances of violations cited herein and in the NOV/CDO. The Division reserves the right to bring any action to enforce this Consent Order, including actions for penalties or the collection thereof, and/or injunctive relief.

49. This Consent Order does not grant any release of liability for any violations not specifically cited herein.

50. Erie reserves its rights and defenses regarding the Facility other than proceedings to enforce this Consent Order.

51. Nothing in this Consent Order shall preclude the Division from imposing additional requirements necessary to protect human health or the environment and to effectuate the purposes of the Consent Order. Nor shall anything in this Consent Order preclude the Division from imposing additional requirements in the event that additional information is discovered that indicates such requirements are necessary to protect human health or the environment.

52. Erie releases and covenants not to sue the State of Colorado or its employees, agents or representatives as to all common law or statutory claims or counterclaims or for any injuries or

damages to persons or property resulting from acts or omissions of Erie, or those acting for or on behalf of Erie, including its officers, employees, agents, successors, representatives, contractors, consultants or attorneys in carrying out activities pursuant to this Consent Order. Erie shall not hold out the State of Colorado or its employees, agents or representatives as a party to any contract entered into by Erie in carrying out activities pursuant to this Consent Order. Nothing in this Consent Order shall constitute an express or implied waiver of immunity otherwise applicable to the State of Colorado, its employees, agents or representatives.

NOTICES

53. Unless otherwise specified, any report, notice or other communication required under the Consent Order shall be sent to:

For the Division:

Jocelyn Brink
Colorado Department of Public Health and Environment
Water Quality Control Division
Mail Code: WQCD-CWE-B2
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530
Telephone: 303-692-2840
E-mail: jocelyn.brink@state.co.us

For the Town of Erie**:**

Todd Fessenden, Director of Public Works
Town of Erie
PO Box 750
Erie, Colorado 80516
Telephone: 303-926-2895
E-mail: tfessenden@erieco.org

OBLIGATIONS UNAFFECTED BY BANKRUPTCY

54. The obligations set forth herein are based on the Division's police and regulatory authority. These obligations require specific performance by Erie of corrective actions carefully designed to prevent on-going or future harm to public health or the environment, or both. Enforcement of these obligations is not stayed by a petition in bankruptcy. Erie agrees that the penalties set forth in this Consent Order are not in compensation of actual pecuniary loss. Further, the obligations imposed by this Consent Order are necessary for Erie and the Facility to achieve and maintain compliance with State law.

MODIFICATIONS

55. This Consent Order may be modified only upon mutual written agreement of the Parties.

NOTICE OF EFFECTIVE DATE

56. This Consent Order shall be fully effective, enforceable and constitute a final agency action upon notice from the Division following closure of the public comment period referenced in Paragraph 43.

BINDING EFFECT AND AUTHORIZATION TO SIGN

57. This Consent Order is binding upon Erie and its elected officials, employees, agents, representatives, successors in interest, and assigns. The undersigned warrant that they are authorized to legally bind their respective principals to this Consent Order. Erie agrees to provide a copy of this Consent Order to any contractors and other agents performing work pursuant to this Consent Order and require such agents to comply with the requirements of this Consent Order. In the event that a party does not sign this Consent Order within 30 calendar days of the other party's signature, this Consent Order becomes null and void. This Consent Order may be executed in multiple counterparts, each of which shall be deemed an original, but all of which shall constitute one and the same Consent Order. The Parties agree that this Consent Order may be electronically signed. The Parties agree that the electronic signatures appearing on this Consent Order are the same as handwritten signatures for the purposes of validity, enforceability, and admissibility.

FOR THE TOWN OF ERIE:

_____ Date: _____

Todd Fessenden, Director of Public Works

FOR THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT:

_____ Date: _____

Kelly Morgan
Clean Water Compliance & Enforcement Section Manager
WATER QUALITY CONTROL DIVISION

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. Permitted Features(s)

Beginning no later than the effective date of this permit and lasting through the expiration date, the permittee is authorized to discharge from, and self monitoring samples taken in accordance with the monitoring requirements shall be obtained from permitted feature(s):

001A following disinfection and prior to mixing with the receiving stream. 40.0979 N, 105.0432 W

The location(s) provided above will serve as the point(s) of compliance for this permit and are appropriate as they are located after all treatment and prior to discharge to the receiving water.

In accordance with the Water Quality Control Commission Regulations for Effluent Limitations, Section 62.4, and the Colorado Discharge Permit System Regulations, Section 61.8(2), 5 C.C.R. 1002-61, the permitted discharge shall not contain effluent parameter concentrations which exceed the following limitations specified below or exceed the specified flow limitation.

2. Limitations, Monitoring Frequencies and Sample Types for Effluent Parameters

In order to obtain an indication of the probable compliance or noncompliance with the effluent limitations specified in Part I.A, the permittee shall monitor all effluent parameters at the frequencies and sample types specified below. Such monitoring will begin immediately and last for the life of the permit unless otherwise noted. The results of such monitoring shall be reported on the Discharge Monitoring Report form (See Part I.D.)

Self-monitoring sampling by the permittee for compliance with the monitoring requirements specified above shall be performed at the location(s) noted in Part I.A.1 above.

If the permittee, using an approved analytical method, monitors any parameter more frequently than required by this permit, then the results of such monitoring shall be included in the calculation and reporting of the values required in the Discharge Monitoring Report Form (DMRs) or other forms as required by the Division. Such increased frequency shall also be indicated.

Percentage Removal Requirements (BOD_5 and TSS and TSS Limitations) - If noted in the limits table(s), the arithmetic mean of the BOD_5 and TSS concentrations for effluent samples collected during the calendar month shall demonstrate a minimum of eighty-five percent (85%) removal of both BOD_5 and TSS, as measured by dividing the respective difference between the mean influent and effluent concentrations for the calendar month by the respective mean influent concentration for the calendar month, and multiplying the quotient by 100.

Oil and Grease Monitoring: For every outfall with oil and grease monitoring, in the event an oil sheen or floating oil is observed, a grab sample shall be collected and analyzed for oil and grease, and reported on the appropriate DMR under parameter 03582. In addition, corrective action shall be taken immediately to mitigate the discharge of oil and grease. A description of the corrective action taken should be included with the DMR.

Total Residual Chlorine: Monitoring for TRC is required only when chlorine is in use.

Metals: Metals concentrations measured in compliance with the effluent monitoring requirements listed in Part I.A of this permit may be used to satisfy any pretreatment or industrial waste management metals monitoring requirements listed in Part I.B.8, if the metals are in the same form (i.e. total). The special sampling procedures (e.g. 24-hour composite samples) specified in Part I.B.8 must be followed.

Permitted Feature 001A

ICIS Code	Effluent Parameter	Effluent Limitations Maximum Concentrations				Monitoring Requirements	
		30-Day Average	7-Day Average	Daily Maximum	2-yr Rolling Average	Frequency	Sample Type
50050	Effluent Flow (MGD)	1.5		Report		Continuous	Recorder
00010	Temp (°C) – **beginning 9/1/11**	NA	Report	Report		Continuous	Recorder
00400	pH (su)			6.5-9		Daily	Grab
31633	E. coli (#/100 ml)	126	252			2 Days/Week	Grab
50060	TRC (mg/l)	0.068		0.072		5 Days/Week	Grab
00610	NH3 as N, Tot (mg/l) Jan	4.8		4.8		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Feb	2.8		2.8		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Mar	3.1		3.3		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Apr	2.7		2.9		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) May	2.3		2.3		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Jun	2.4		3.8		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Jul	2		2		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Aug	1.9		1.9		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Sep	2.1		2.1		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Oct	3.2		4.4		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Nov	4.8		9		2 Days/Week	Composite
00610	NH3 as N, Tot (mg/l) Dec	5		7.8		2 Days/Week	Composite
00310	BOD5, effluent (mg/l)	30	45			2 Days/Week	Composite
81010	BOD5 (% removal)	85 (min)				2 Days/Week	Calculated
00530	TSS, effluent (mg/l)	30	45			2 Days/Week	Composite
81011	TSS (% removal)	85 (min)				2 Days/Week	Calculated
03582	Oil and Grease (mg/l)	NA		10		Daily	Visual
00978	As, Tot (µg/l)	Report		Report		Monthly	Composite
01309	As, PD (ug/l)	NA		1276		Monthly	Composite
01313	Cd, PD (µg/l), through 12/31/2014	1.9		18	Report	Monthly	Composite
01313	Cd, PD (ug/l), beginning 1/1/2015	1.9		18	0.11	Monthly	Composite
01314	Cr +3, PD (µg/l) through 12/31/2014	NA		1215		Monthly	Composite
01118	Cr, TR (ug/l), through 12/31/2014	NA		Report	Report	Monthly	Composite
01118	Cr, TR (ug/l), beginning 1/1/2015	NA		189	28	Monthly	Composite
01220	Cr+6, Dis (ug/l)	68		61	11	Monthly	Composite
01306	Cu, PD (µg/l), through 12/31/2014	75		82	Report	Monthly	Composite
01306	Cu, PD (µg/l), beginning	75		82	4.9	Monthly	Composite

	1/1/2015						
00718	CN, WAD (µg/l) through 12/31/2014	NA		19	Report	Monthly	Composite
00718	CN, WAD (µg/l) beginning 1/1/2015	NA		19	2.8	Monthly	Composite
01046	Fe, Dis (µg/l) through 12/31/2014	Report		NA	Report	Monthly	Composite
01046	Fe, Dis (µg/l) beginning 1/1/2015	1302		NA	102	Monthly	Composite
00980	Fe, TR (µg/l)	3713		NA	1151	Monthly	Composite
01318	Pb, PD (µg/l)) through 12/31/2014	27		526	Report	Monthly	Composite
01318	Pb, PD (ug/l) beginning 1/1/2015	27		526	0.81	Monthly	Composite
01319	Mn, PD (µg/l)	2302		14207		Monthly	Composite
01056	Mn, Dis (µg/l)) through 12/31/2014	Report			Report	Monthly	Composite
01056	Mn, Dis (µg/l) beginning 1/1/2015	55			18	Monthly	Composite
71900	Hg, Tot (µg/l) through 12/31/2014	0.062		NA	Report	Monthly	Composite
71900	Hg, Tot (µg/l) beginning 1/1/2015	0.062		NA	0.0093	Monthly	Composite
01322	Ni, PD (µg/l) through 12/31/2014	591		3249	Report	Monthly	Composite
01322	Ni, PD (µg/l) beginning 1/1/2015	591		3249	87	Monthly	Composite
01323	Se, PD (µg/l) through 12/31/2014	4.6		56	Report	Monthly	Composite
01323	Se, PD (µg/l) beginning 1/1/2015	4.6		56	2.4	Monthly	Composite
01304	Ag, PD (µg/l) through 12/31/2014	6.1		26	Report	Monthly	Composite
01304	Ag, PD (µg/l)) beginning 1/1/2015	6.1		26	0.51	Monthly	Composite
22708	U, TR (ug/l) through 12/31/2014	NA		Report	Report	Monthly	Composite
22708	U, TR (ug/l) beginning 1/1/2015	NA		113	33	Monthly	Composite
01303	Zn, PD (µg/l) through 12/31/2014	NA		915	Report	Monthly	Composite
01303	Zn, PD (ug/l) beginning 1/1/2015	NA		915	192	Monthly	Composite
	WET, chronic						
TKP6C	Static Renewal 7 Day Chronic *Pimephales promelas*			NOEC or IC25 > IWC		Quarterly	3 Composites / Test
TKP3B	Static Renewal 7 Day Chronic *Ceriodaphnia dubia*			NOEC or IC25 > IWC		Quarterly	3 Composites / Test

Report #: CAEVRBX004

Created Date: March 2, 2012

Approved By:

Colorado Department of Public Health and Environment

Water Quality Control Division

Effluent Violation Report

Date of Report: 9/4/24

*** Query Name:Effluent Data ***

Major/Minor (Enter "Major" or "Minor") (Enter * to select all) *
Monitoring Period End Date From: 08/01/2015
Monitoring Period End Date To: 09/04/2024
Enter NPDES ID: (Optional)
Matching NPDES ID: (Optional)CO0048445
Primary Permit SIC Code: (Optional)
Outfalls: (Optional)
Parameter Desc: (Optional)
Enter Primary Permit SIC Code Not Equal to: (Optional)

Attachment B

Permit #	CO0048445
Facility Name	ERIE NORTH WATER RECLAMATION FACILITY
Permit Name	Erie Town of

Permit Status	Major/Minor Ind.	County	Primary SIC Code	Water Body:	COSPBO07b	Boulder Creek
Admin Continued	Major	Weld	4952			

NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	8/1/15	8/31/15	00610 - Nitrogen, ammonia total [as N]	=3.2	mg/L	1.9	DAILY MX	68	E90			
CO0048445	001A	10/1/15	10/31/15	01306 - Copper, potentially dissolved	=5	ug/L	4.9	ROLL AVG	2	E90		H	2
CO0048445	001A	11/1/15	11/30/15	01306 - Copper, potentially dissolved	=5.3	ug/L	4.9	ROLL AVG	8	E90		H	2
CO0048445	001A	12/1/15	12/31/15	01306 - Copper, potentially dissolved	=5.3	ug/L	4.9	ROLL AVG	8	E90		H	2
CO0048445	001A	1/1/16	1/31/16	01306 - Copper, potentially dissolved	=5.8	ug/L	4.9	ROLL AVG	18	E90		H	2
CO0048445	001A	2/1/16	2/29/16	01306 - Copper, potentially dissolved	=5.4	ug/L	4.9	ROLL AVG	10	E90		H	2
CO0048445	001A	3/1/16	3/31/16	01306 - Copper, potentially dissolved	=5.4	ug/L	4.9	ROLL AVG	10	E90		U	2
CO0048445	001A	4/1/16	4/30/16	01306 - Copper, potentially dissolved	=5.4	ug/L	4.9	ROLL AVG	10	E90		U	2
CO0048445	001A	5/1/16	5/31/16	01306 - Copper, potentially dissolved	=5.08	ug/L	4.9	ROLL AVG	4	E90		U	2
CO0048445	001A	7/1/16	7/31/16	01306 - Copper, potentially dissolved	=5.89	ug/L	4.9	ROLL AVG	20	E90		R	2
CO0048445	001A	8/1/16	8/31/16	01306 - Copper, potentially dissolved	=7.24	ug/L	4.9	ROLL AVG	48	E90		R	2
CO0048445	001A	9/1/16	9/30/16	00610 - Nitrogen, ammonia total [as N]	=2.3	mg/L	2.1	DAILY MX	10	E90			
CO0048445	001A	9/1/16	9/30/16	01306 - Copper, potentially dissolved	=7.78	ug/L	4.9	ROLL AVG	59	E90		R	2

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Major/Minor (Enter "Major" or "Minor") (Enter * to select all) *
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Monitoring Period End Date To: 09/04/2024
Enter NPDES ID: (Optional)
Matching NPDES ID: (Optional)CO0048445
Primary Permit SIC Code: (Optional)
Outfalls: (Optional)
Parameter Desc: (Optional)
Enter Primary Permit SIC Code Not Equal to: (Optional)

NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	10/1/16	10/31/16	01306 - Copper, potentially dissolved	=8.29	ug/L	4.9	ROLL AVG	69	E90		R	2
CO0048445	001A	11/1/16	11/30/16	01306 - Copper, potentially dissolved	=8.4	ug/L	4.9	ROLL AVG	71	E90			
CO0048445	001A	12/1/16	12/31/16	01306 - Copper, potentially dissolved	=8.5	ug/L	4.9	ROLL AVG	73	E90			
CO0048445	001A	1/1/17	1/31/17	01306 - Copper, potentially dissolved	=8	ug/L	4.9	ROLL AVG	63	E90			
CO0048445	001A	2/1/17	2/28/17	00610 - Nitrogen, ammonia total [as N]	=3.9	mg/L	2.8	DAILY MX	39	E90			
CO0048445	001A	2/1/17	2/28/17	01306 - Copper, potentially dissolved	=8.5	ug/L	4.9	ROLL AVG	73	E90		R	2
CO0048445	001A	3/1/17	3/31/17	01306 - Copper, potentially dissolved	=8.3	ug/L	4.9	ROLL AVG	69	E90		R	2
CO0048445	001A	4/1/17	4/30/17	01306 - Copper, potentially dissolved	=7.9	ug/L	4.9	ROLL AVG	61	E90		R	2
CO0048445	001A	5/1/17	5/31/17	00610 - Nitrogen, ammonia total [as N]	=2.69	mg/L	2.3	30DA AVG	17	E90			
CO0048445	001A	5/1/17	5/31/17	00610 - Nitrogen, ammonia total [as N]	=6.16	mg/L	2.3	DAILY MX	168	E90		R	2
CO0048445	001A	5/1/17	5/31/17	01306 - Copper, potentially dissolved	=8.2	ug/L	4.9	ROLL AVG	67	E90		R	2
CO0048445	001A	5/1/17	5/31/17	50050 - Flow, in conduit or thru treatment plant	=1.505	MGD	1.5	30DA AVG	0	E90			
CO0048445	001A	6/1/17	6/30/17	01306 - Copper, potentially dissolved	=8.6	ug/L	4.9	ROLL AVG	76	E90			
CO0048445	001A	7/1/17	7/31/17	01306 - Copper, potentially dissolved	=8.6	ug/L	4.9	ROLL AVG	76	E90		R	2
CO0048445	001A	8/1/17	8/31/17	01306 - Copper, potentially dissolved	=8.6	ug/L	4.9	ROLL AVG	76	E90		R	2
CO0048445	001A	9/1/17	9/30/17	01306 - Copper, potentially dissolved	=8.5	ug/L	4.9	ROLL AVG	73	E90		R	2
CO0048445	001A	10/1/17	10/31/17	01306 - Copper, potentially dissolved	=8.4	ug/L	4.9	ROLL AVG	71	E90		R	2
CO0048445	001A	11/1/17	11/30/17	01306 - Copper, potentially dissolved	=8.2	ug/L	4.9	ROLL AVG	67	E90		R	2

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Major/Minor (Enter "Major" or "Minor") (Enter * to select all) *
Monitoring Period End Date From: 08/01/2015
Monitoring Period End Date To: 09/04/2024
Enter NPDES ID: (Optional)
Matching NPDES ID: (Optional)CO0048445
Primary Permit SIC Code: (Optional)
Outfalls: (Optional)
Parameter Desc: (Optional)
Enter Primary Permit SIC Code Not Equal to: (Optional)

NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	12/1/17	12/31/17	01306 - Copper, potentially dissolved	=8.4	ug/L	4.9	ROLL AVG	71	E90			
CO0048445	001A	1/1/18	1/31/18	01306 - Copper, potentially dissolved	=7.9	ug/L	4.9	ROLL AVG	61	E90		R	2
CO0048445	001A	2/1/18	2/28/18	00610 - Nitrogen, ammonia total [as N]	=4.04	mg/L	2.8	DAILY MX	44	E90			
CO0048445	001A	2/1/18	2/28/18	01306 - Copper, potentially dissolved	=8.1	ug/L	4.9	ROLL AVG	65	E90		R	2
CO0048445	001A	3/1/18	3/31/18	01306 - Copper, potentially dissolved	=8.3	ug/L	4.9	ROLL AVG	69	E90		R	2
CO0048445	001A	4/1/18	4/30/18	01306 - Copper, potentially dissolved	<8.2	ug/L	4.9	ROLL AVG	67	E90		R	2
CO0048445	001A	5/1/18	5/31/18	01306 - Copper, potentially dissolved	=8.4	ug/L	4.9	ROLL AVG	71	E90		R	2
CO0048445	001A	6/1/18	6/30/18	01306 - Copper, potentially dissolved	=8.7	ug/L	4.9	ROLL AVG	78	E90		R	2
CO0048445	001A	7/1/18	7/31/18	01306 - Copper, potentially dissolved	=7.4	ug/L	4.9	ROLL AVG	51	E90		R	2
CO0048445	001A	8/1/18	8/31/18	01306 - Copper, potentially dissolved	=5.8	ug/L	4.9	ROLL AVG	18	E90			
CO0048445	001A	9/1/18	9/30/18	01306 - Copper, potentially dissolved	=5	ug/L	4.9	ROLL AVG	2	E90			
CO0048445	001A	4/1/19	4/30/19	00400 - pH	=6.43	SU	6.5	MINIMUM		E90			
CO0048445	001A	4/1/19	4/30/19	01306 - Copper, potentially dissolved	=5	ug/L	4.9	ROLL AVG	2	E90			
CO0048445	001A	5/1/19	5/31/19	00610 - Nitrogen, ammonia total [as N]	=2.7	mg/L	2.3	DAILY MX	17	E90			
CO0048445	001A	5/1/19	5/31/19	01306 - Copper, potentially dissolved	=5	ug/L	4.9	ROLL AVG	2	E90		H	3
CO0048445	001A	6/1/19	6/30/19	01306 - Copper, potentially dissolved	=5.2	ug/L	4.9	ROLL AVG	6	E90		H	3
CO0048445	001A	7/1/19	7/31/19	01306 - Copper, potentially dissolved	=5.5	ug/L	4.9	ROLL AVG	12	E90		H	3
CO0048445	001A	8/1/19	8/31/19	01306 - Copper, potentially dissolved	=5.7	ug/L	4.9	ROLL AVG	16	E90		H	3

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CO0048445	001A	9/1/19	9/30/19	01306 - Copper, potentially dissolved	=5.7	ug/L	4.9	ROLL AVG	16	E90		U	3
CO0048445	001A	10/1/19	10/31/19	01306 - Copper, potentially dissolved	=5.8	ug/L	4.9	ROLL AVG	18	E90		U	3
CO0048445	001A	11/1/19	11/30/19	01306 - Copper, potentially dissolved	=5.9	ug/L	4.9	ROLL AVG	20	E90		U	3
CO0048445	001A	12/1/19	12/31/19	01306 - Copper, potentially dissolved	=5.8	ug/L	4.9	ROLL AVG	18	E90		U	3
CO0048445	001A	1/1/20	1/31/20	01306 - Copper, potentially dissolved	=6	ug/L	4.9	ROLL AVG	22	E90		R	3
CO0048445	001A	2/1/20	2/29/20	01306 - Copper, potentially dissolved	=6	ug/L	4.9	ROLL AVG	22	E90		R	3
CO0048445	001A	3/1/20	3/31/20	01306 - Copper, potentially dissolved	=6	ug/L	4.9	ROLL AVG	22	E90		R	3
CO0048445	001A	3/1/20	3/31/20	50050 - Flow, in conduit or thru treatment plant	=1.583	MGD	1.5	30DA AVG	6	E90			
CO0048445	001A	4/1/20	4/30/20	01306 - Copper, potentially dissolved	=6.1	ug/L	4.9	ROLL AVG	24	E90		R	3
CO0048445	001A	4/1/20	4/30/20	50050 - Flow, in conduit or thru treatment plant	=1.591	MGD	1.5	30DA AVG	6	E90			
CO0048445	001A	5/1/20	5/31/20	00610 - Nitrogen, ammonia total [as N]	=2.96	mg/L	2.3	DAILY MX	29	E90			
CO0048445	001A	5/1/20	5/31/20	01306 - Copper, potentially dissolved	=6.1	ug/L	4.9	ROLL AVG	24	E90		R	3
CO0048445	001A	5/1/20	5/31/20	50050 - Flow, in conduit or thru treatment plant	=1.579	MGD	1.5	30DA AVG	5	E90			
CO0048445	001A	6/1/20	6/30/20	01306 - Copper, potentially dissolved	=6.1	ug/L	4.9	ROLL AVG	24	E90		R	3
CO0048445	001A	6/1/20	6/30/20	50050 - Flow, in conduit or thru treatment plant	=1.612	MGD	1.5	30DA AVG	7	E90			
CO0048445	001A	7/1/20	7/31/20	01306 - Copper, potentially dissolved	=6.1	ug/L	4.9	ROLL AVG	24	E90		R	3
CO0048445	001A	7/1/20	7/31/20	50050 - Flow, in conduit or thru treatment plant	=1.578	MGD	1.5	30DA AVG	5	E90			
CO0048445	001A	8/1/20	8/31/20	00610 - Nitrogen, ammonia total [as N]	=2.27	mg/L	1.9	DAILY MX	19	E90			

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NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	8/1/20	8/31/20	01306 - Copper, potentially dissolved	=6.2	ug/L	4.9	ROLL AVG	27	E90		R	3
CO0048445	001A	8/1/20	8/31/20	50050 - Flow, in conduit or thru treatment plant	=1.823	MGD	1.5	30DA AVG	22	E90			
CO0048445	001A	9/1/20	9/30/20	01306 - Copper, potentially dissolved	=6.3	ug/L	4.9	ROLL AVG	29	E90		R	3
CO0048445	001A	9/1/20	9/30/20	50050 - Flow, in conduit or thru treatment plant	=1.544	MGD	1.5	30DA AVG	3	E90			
CO0048445	001A	10/1/20	10/31/20	00400 - pH	=6.4	SU	6.5	MINIMUM		E90			
CO0048445	001A	10/1/20	10/31/20	01306 - Copper, potentially dissolved	=6.3	ug/L	4.9	ROLL AVG	29	E90		R	3
CO0048445	001A	10/1/20	10/31/20	50050 - Flow, in conduit or thru treatment plant	=1.543	MGD	1.5	30DA AVG	3	E90			
CO0048445	001A	11/1/20	11/30/20	01306 - Copper, potentially dissolved	=6.3	ug/L	4.9	ROLL AVG	29	E90		R	3
CO0048445	001A	11/1/20	11/30/20	50050 - Flow, in conduit or thru treatment plant	=1.545	MGD	1.5	30DA AVG	3	E90			
CO0048445	001A	12/1/20	12/31/20	01306 - Copper, potentially dissolved	=6.2	ug/L	4.9	ROLL AVG	27	E90		R	3
CO0048445	001A	12/1/20	12/31/20	50050 - Flow, in conduit or thru treatment plant	=1.542	MGD	1.5	30DA AVG	3	E90			
CO0048445	001A	1/1/21	1/31/21	01306 - Copper, potentially dissolved	=6	ug/L	4.9	ROLL AVG	22	E90		R	3
CO0048445	001A	1/1/21	1/31/21	50050 - Flow, in conduit or thru treatment plant	=1.581	MGD	1.5	30DA AVG	5	E90			
CO0048445	001A	2/1/21	2/28/21	01306 - Copper, potentially dissolved	=6	ug/L	4.9	ROLL AVG	22	E90		R	3
CO0048445	001A	2/1/21	2/28/21	50050 - Flow, in conduit or thru treatment plant	=1.573	MGD	1.5	30DA AVG	5	E90			
CO0048445	001A	3/1/21	3/31/21	01306 - Copper, potentially dissolved	=6	ug/L	4.9	ROLL AVG	22	E90		R	3
CO0048445	001A	3/1/21	3/31/21	50050 - Flow, in conduit or thru treatment plant	=1.64	MGD	1.5	30DA AVG	9	E90			
CO0048445	001A	4/1/21	4/30/21	01306 - Copper, potentially dissolved	=6	ug/L	4.9	ROLL AVG	22	E90		R	3

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Major/Minor (Enter "Major" or "Minor") (Enter * to select all) *
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Outfalls: (Optional)
Parameter Desc: (Optional)
Enter Primary Permit SIC Code Not Equal to: (Optional)

NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	4/1/21	4/30/21	50050 - Flow, in conduit or thru treatment plant	=1.62	MGD	1.5	30DA AVG	8	E90			
CO0048445	001A	5/1/21	5/31/21	01306 - Copper, potentially dissolved	=5.8	ug/L	4.9	ROLL AVG	18	E90		H	3
CO0048445	001A	5/1/21	5/31/21	50050 - Flow, in conduit or thru treatment plant	=1.819	MGD	1.5	30DA AVG	21	E90			
CO0048445	001A	6/1/21	6/30/21	01306 - Copper, potentially dissolved	=5.6	ug/L	4.9	ROLL AVG	14	E90		H	3
CO0048445	001A	6/1/21	6/30/21	50050 - Flow, in conduit or thru treatment plant	=1.53	MGD	1.5	30DA AVG	2	E90			
CO0048445	001A	7/1/21	7/31/21	01306 - Copper, potentially dissolved	=5.4	ug/L	4.9	ROLL AVG	10	E90		H	3
CO0048445	001A	8/1/21	8/31/21	01306 - Copper, potentially dissolved	=5.2	ug/L	4.9	ROLL AVG	6	E90		H	3
CO0048445	001A	8/1/21	8/31/21	50050 - Flow, in conduit or thru treatment plant	=1.601	MGD	1.5	30DA AVG	7	E90			
CO0048445	001A	9/1/21	9/30/21	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90		H	3
CO0048445	001A	9/1/21	9/30/21	50050 - Flow, in conduit or thru treatment plant	=1.557	MGD	1.5	30DA AVG	4	E90			
CO0048445	001A	10/1/21	10/31/21	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90			
CO0048445	001A	11/1/21	11/30/21	01306 - Copper, potentially dissolved	=5	ug/L	4.9	ROLL AVG	2	E90			
CO0048445	001A	12/1/21	12/31/21	01306 - Copper, potentially dissolved	=5	ug/L	4.9	ROLL AVG	2	E90			
CO0048445	001A	1/1/22	1/31/22	50050 - Flow, in conduit or thru treatment plant	=1.635	MGD	1.5	30DA AVG	9	E90			
CO0048445	001A	2/1/22	2/28/22	00610 - Nitrogen, ammonia total [as N]	=2.86	mg/L	2.8	DAILY MX	2	E90			
CO0048445	001A	2/1/22	2/28/22	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90			
CO0048445	001A	2/1/22	2/28/22	50050 - Flow, in conduit or thru treatment plant	=1.592	MGD	1.5	30DA AVG	6	E90			
CO0048445	001A	3/1/22	3/31/22	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90		H	2

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Approved By:

Colorado Department of Public Health and Environment

Water Quality Control Division

Effluent Violation Report

Date of Report: 9/4/24

*** Query Name:Effluent Data ***

Major/Minor (Enter "Major" or "Minor") (Enter * to select all) *
Monitoring Period End Date From: 08/01/2015
Monitoring Period End Date To: 09/04/2024
Enter NPDES ID: (Optional)
Matching NPDES ID: (Optional)CO0048445
Primary Permit SIC Code: (Optional)
Outfalls: (Optional)
Parameter Desc: (Optional)
Enter Primary Permit SIC Code Not Equal to: (Optional)

NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	3/1/22	3/31/22	50050 - Flow, in conduit or thru treatment plant	=1.835	MGD	1.5	30DA AVG	22	E90			
CO0048445	001A	4/1/22	4/30/22	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90		H	2
CO0048445	001A	4/1/22	4/30/22	50050 - Flow, in conduit or thru treatment plant	=2.21	MGD	1.5	30DA AVG	47	E90			
CO0048445	001A	5/1/22	5/31/22	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90		H	2
CO0048445	001A	5/1/22	5/31/22	50050 - Flow, in conduit or thru treatment plant	=1.947	MGD	1.5	30DA AVG	30	E90			
CO0048445	001A	6/1/22	6/30/22	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90		H	2
CO0048445	001A	6/1/22	6/30/22	50050 - Flow, in conduit or thru treatment plant	=1.929	MGD	1.5	30DA AVG	29	E90			
CO0048445	001A	7/1/22	7/31/22	00610 - Nitrogen, ammonia total [as N]	=3.38	mg/L	2	DAILY MX	69	E90			
CO0048445	001A	7/1/22	7/31/22	01306 - Copper, potentially dissolved	=5.5	ug/L	4.9	ROLL AVG	12	E90		H	3
CO0048445	001A	7/1/22	7/31/22	50050 - Flow, in conduit or thru treatment plant	=1.864	MGD	1.5	30DA AVG	24	E90			
CO0048445	001A	8/1/22	8/31/22	01306 - Copper, potentially dissolved	=5.4	ug/L	4.9	ROLL AVG	10	E90		H	2
CO0048445	001A	8/1/22	8/31/22	50050 - Flow, in conduit or thru treatment plant	=1.843	MGD	1.5	30DA AVG	23	E90			
CO0048445	001A	9/1/22	9/30/22	01306 - Copper, potentially dissolved	=5.2	ug/L	4.9	ROLL AVG	6	E90		H	3
CO0048445	001A	9/1/22	9/30/22	50050 - Flow, in conduit or thru treatment plant	=1.8	MGD	1.5	30DA AVG	20	E90			
CO0048445	001A	10/1/22	10/31/22	01306 - Copper, potentially dissolved	=5.1	ug/L	4.9	ROLL AVG	4	E90		H	3
CO0048445	001A	10/1/22	10/31/22	50050 - Flow, in conduit or thru treatment plant	=1.839	MGD	1.5	30DA AVG	23	E90			
CO0048445	001A	11/1/22	11/30/22	00530 - Solids, total suspended	=93.3	mg/L	45	MX 7D AV	107	E90			
CO0048445	001A	11/1/22	11/30/22	50050 - Flow, in conduit or thru treatment plant	=1.878	MGD	1.5	30DA AVG	25	E90			

Report #: CAEVRBX004

Created Date: March 2, 2012

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NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	12/1/22	12/31/22	50050 - Flow, in conduit or thru treatment plant	=1.918	MGD	1.5	30DA AVG	28	E90			
CO0048445	001A	1/1/23	1/31/23	50050 - Flow, in conduit or thru treatment plant	=1.875	MGD	1.5	30DA AVG	25	E90			
CO0048445	001A	2/1/23	2/28/23	00610 - Nitrogen, ammonia total [as N]	=4.6	mg/L	2.8	DAILY MX	64	E90			
CO0048445	001A	2/1/23	2/28/23	01056 - Manganese, dissolved [as Mn]	=18.6	ug/L	18	ROLL AVG	3	E90		H	3
CO0048445	001A	2/1/23	2/28/23	50050 - Flow, in conduit or thru treatment plant	=1.801	MGD	1.5	30DA AVG	20	E90			
CO0048445	001A	3/1/23	3/31/23	00610 - Nitrogen, ammonia total [as N]	=3.43	mg/L	3.3	DAILY MX	4	E90			
CO0048445	001A	3/1/23	3/31/23	01056 - Manganese, dissolved [as Mn]	=18.7	ug/L	18	ROLL AVG	4	E90		H	3
CO0048445	001A	3/1/23	3/31/23	50050 - Flow, in conduit or thru treatment plant	=1.768	MGD	1.5	30DA AVG	18	E90			
CO0048445	001A	4/1/23	4/30/23	01056 - Manganese, dissolved [as Mn]	=19.4	ug/L	18	ROLL AVG	8	E90		H	3
CO0048445	001A	4/1/23	4/30/23	50050 - Flow, in conduit or thru treatment plant	=1.796	MGD	1.5	30DA AVG	20	E90			
CO0048445	001A	5/1/23	5/31/23	01056 - Manganese, dissolved [as Mn]	=21.2	ug/L	18	ROLL AVG	18	E90		H	3
CO0048445	001A	5/1/23	5/31/23	50050 - Flow, in conduit or thru treatment plant	=1.985	MGD	1.5	30DA AVG	32	E90			
CO0048445	001A	6/1/23	6/30/23	01056 - Manganese, dissolved [as Mn]	=21.1	ug/L	18	ROLL AVG	17	E90		H	3
CO0048445	001A	6/1/23	6/30/23	50050 - Flow, in conduit or thru treatment plant	=1.959	MGD	1.5	30DA AVG	31	E90			
CO0048445	001A	7/1/23	7/31/23	01056 - Manganese, dissolved [as Mn]	=20.5	ug/L	18	ROLL AVG	14	E90		H	3
CO0048445	001A	7/1/23	7/31/23	50050 - Flow, in conduit or thru treatment plant	=1.9	MGD	1.5	30DA AVG	27	E90			
CO0048445	001A	8/1/23	8/31/23	00610 - Nitrogen, ammonia total [as N]	=2.2	mg/L	1.9	DAILY MX	16	E90			
CO0048445	001A	8/1/23	8/31/23	01056 - Manganese, dissolved [as Mn]	=19.95	ug/L	18	ROLL AVG	11	E90		H	3

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NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	8/1/23	8/31/23	50050 - Flow, in conduit or thru treatment plant	=1.876	MGD	1.5	30DA AVG	25	E90			
CO0048445	001A	9/1/23	9/30/23	01056 - Manganese, dissolved [as Mn]	=20	ug/L	18	ROLL AVG	11	E90		H	3
CO0048445	001A	10/1/23	10/31/23	01056 - Manganese, dissolved [as Mn]	=19.6	ug/L	18	ROLL AVG	9	E90		H	3
CO0048445	001A	11/1/23	11/30/23	01056 - Manganese, dissolved [as Mn]	=18.9	ug/L	18	ROLL AVG	5	E90		H	3
CO0048445	001A	12/1/23	12/31/23	01056 - Manganese, dissolved [as Mn]	=19.2	ug/L	18	ROLL AVG	7	E90		H	3
CO0048445	001A	1/1/24	1/31/24	01056 - Manganese, dissolved [as Mn]	=20.62	ug/L	18	ROLL AVG	15	E90		H	3
CO0048445	001A	1/1/24	1/31/24	50050 - Flow, in conduit or thru treatment plant	=1.957	MGD	1.5	30DA AVG	30	E90			
CO0048445	001A	2/1/24	2/29/24	01056 - Manganese, dissolved [as Mn]	=21.2	ug/L	18	ROLL AVG	18	E90		H	3
CO0048445	001A	2/1/24	2/29/24	50050 - Flow, in conduit or thru treatment plant	=1.989	MGD	1.5	30DA AVG	33	E90			
CO0048445	001A	3/1/24	3/31/24	01056 - Manganese, dissolved [as Mn]	=22.4	ug/L	18	ROLL AVG	24	E90		R	3
CO0048445	001A	3/1/24	3/31/24	50050 - Flow, in conduit or thru treatment plant	=2.042	MGD	1.5	30DA AVG	36	E90			
CO0048445	001A	4/1/24	4/30/24	01056 - Manganese, dissolved [as Mn]	=22.5	ug/L	18	ROLL AVG	25	E90		R	3
CO0048445	001A	4/1/24	4/30/24	50050 - Flow, in conduit or thru treatment plant	=2.03	MGD	1.5	30DA AVG	35	E90			
CO0048445	001A	5/1/24	5/31/24	01056 - Manganese, dissolved [as Mn]	=21.9	ug/L	18	ROLL AVG	22	E90		R	1
CO0048445	001A	5/1/24	5/31/24	50050 - Flow, in conduit or thru treatment plant	=2.028	MGD	1.5	30DA AVG	35	E90			
CO0048445	001A	6/1/24	6/30/24	01056 - Manganese, dissolved [as Mn]	=22.2	ug/L	18	ROLL AVG	23	E90		R	1
CO0048445	001A	6/1/24	6/30/24	50050 - Flow, in conduit or thru treatment plant	=2.189	MGD	1.5	30DA AVG	46	E90			
CO0048445	001A	7/1/24	7/31/24	01056 - Manganese, dissolved [as Mn]	=20.8	ug/L	18	ROLL AVG	16	E90			

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NPDES ID	Outfall	Mon Pd Start Date	Mon Pd End Date	Parameter	Rpted Value	Unit Desc	Limit Value	Stat Base Desc	% Exceed	Viol Code	NODI Code	RNC Detect Code	RNC Resolve Code
CO0048445	001A	7/1/24	7/31/24	50050 - Flow, in conduit or thru treatment plant	=2.046	MGD	1.5	30DA AVG	36	E90			
CO0048445	001A	8/1/24	8/31/24	01056 - Manganese, dissolved [as Mn]	=20.8	ug/L	18	ROLL AVG	16	E90			
CO0048445	001A	8/1/24	8/31/24	50050 - Flow, in conduit or thru treatment plant	=2.037	MGD	1.5	30DA AVG	36	E90			

Attachment C

ERIE NORTH WATER RECLAMATION FACILITY REVISED DISCHARGE MONITORING REPORTS				
Reporting Period	**Parameter**	**Outfall**	**DMR Due Date**	**Revised DMR Receipt Date**
11/01/2016 – 11/30/2016	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD(ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (30DA AVG)	001A	12/28/2016	10/17/2022
12/01/2016 – 12/31/2016	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	01/28/2017	10/17/2022
01/01/2017 – 01/31/2017	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG)	001A	02/28/2017	10/17/2022

Attachment C

	Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
02/01/2017 – 02/28/2017	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	03/28/2017	10/18/2022
03/01/2017 – 03/31/2017	Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	04/28/2017	10/18/2022
04/01/2017 – 04/30/2017	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	05/28/2017	10/18/2022
05/01/2017 – 05/31/2017	BOD (30DA AVG) pH (MAXIMUM) TSS (30DA AVG) Nitrogen, ammonia total [as N] (30DA	001A	06/28/2017	08/30/2019

Attachment C

	AVG) *E. coli* (30DA AVG) Flow (30DA AVG)			
	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			10/20/2022
06/01/2017 – 06/30/2017	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)		07/28/2017	10/20/2022
07/01/2017 – 07/31/2017	BOD (30DA AVG) BOD (MX 7D AV) TSS (30DA AVG) TSS (MX 7D AV) Nitrogen, ammonia total [as N] (30DA AVG) Nitrogen, ammonia total [as N] (DAILY MX) *E. coli* (30DA AVG) Flow (30DA AVG) Flow (DAILY MX)	001A	08/28/2017	09/03/2019
	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG)			10/20/2022

Attachment C

	Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
08/01/2017 – 08/31/2017	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	09/28/2017	10/20/2022
09/01/2017 – 09/30/2017	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	10/28/2017	10/20/2022
	Cyanide, WAD (ROLL AVG)			11/23/2022
10/01/2017 – 10/31/2017	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)	001A	11/28/2017	10/20/2022

Attachment C

11/01/2017 – 11/30/2017	BOD (30DA AVG) BOD (MX 7D AV) pH (MAXIMUM) pH (MINIMUM) TSS (30DA AVG) Nitrogen, ammonia total [as N] (30DA AVG) Nitrogen, ammonia total [as N] (DAILY MX) *E. coli* (30DA AVG) *E. coli* (MX 7D AV) Flow (30DA AVG) Flow (DAILY MX)	001A	12/28/2017	09/03/2019
	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			10/
	Cadmium, PD (ROLL AVG)			11/18/2022
12/01/2017 – 12/31/2017	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	01/28/2018	10/20/2022
01/01/2018 – 01/31/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG)	001A	02/28/2018	10/20/2022

Attachment C

	Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/18/2022
02/01/2018 – 02/28/2018	Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX)	001A	03/28/2018	10/02/2022
	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			10/20/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Chlorine, total residual (30DA AVG) Chlorine, total residual (INST MAX)			11/23/2022
03/01/2018 – 03/31/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	04/28/2018	10/21/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Chlorine, total residual (30DA AVG) Chlorine, total residual (INST MAX)			11/23/2022
04/01/2018 – 04/30/2018	Chromium, TR (DAILY MX)	001A	05/28/2018	07/17/2018
	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG)			10/21/2022

Attachment C

	Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Silver, PD (ROLL AVG) Chlorine, total residual (30DA AVG) Chlorine, total residual (INST MAX)			11/23/2022
05/01/2018 – 05/31/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	06/28/2018	10/21/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Chlorine, total residual (30DA AVG) Chlorine, total residual (INST MAX)			11/23/2022
06/01/2018 – 06/30/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	07/28/2018	10/21/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Chlorine, total residual (30DA AVG) Chlorine, total residual (INST MAX)			11/23/2022
07/01/2018 – 07/31/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG)	001A	08/28/2018	10/21/2022

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	Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
08/01/2018 – 08/31/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	09/28/2018	10/21/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
09/01/2018 – 09/30/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG	001A	10/28/2018	10/21/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Silver, PD (ROLL AVG)			11/23/2022
	Flow, in conduit or thru treatment plant (DAILY MX)			05/10/2022
10/01/2018 – 10/31/2018	Cyanide, WAD (DAILY MX) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG)	001A	11/28/2018	10/21/2022

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	Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
11/01/2018 – 11/30/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	12/28/2018	10/21/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Silver, PD (ROLL AVG)			11/23/2022
12/01/2018 – 12/31/2018	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	01/28/2019	10/21/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
01/01/2019 – 01/31/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	02/28/2019	10/24/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Chromium, TR (ROLL AVG) Silver, PD (ROLL AVG)			11/23/2022

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02/01/2019 – 02/28/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	03/28/2019	10/24/2022
	Silver, PD (ROLL AVG) Cadmium, PD (ROLL AVG)			11/23/2022
03/01/2019 – 03/31/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	04/28/2019	10/24/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG)			11/23/2022
01/01/2019 – 03/31/2019	Static Renewal 7 Day Chronic Pimephales promelas	001X	04/28/2019	05/10/2022
04/01/2019 – 04/30/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Selenium, PD (ROLL AVG)	001A	05/28/2019	10/24/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX) Mercury, total [as Hg] (ROLL AVG)			11/23/2022
05/01/2019 – 05/31/2019	Copper, PD (DAILY MX)	001A	06/28/2019	08/25/2021
	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG)			10/24/2022

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	Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)			
	Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG)			11/23/2022
06/01/2019 – 06/30/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)	001A	07/28/2019	10/24/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
07/01/2019 – 07/31/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)	001A	08/28/2019	10/24/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
08/01/2019 – 08/31/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG)	001A	09/28/2019	10/24/2022

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	Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
09/01/2019 – 09/30/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	10/28/2019	10/24/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
10/01/2019 – 10/31/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	11/28/2019	10/24/2022
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (30DA AVG) Silver, PD (DAILY MX) Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
11/01/2019 – 11/30/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG)	001A	12/28/2019	10/24/2022

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	Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/18/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
12/01/2019 – 12/31/2019	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	01/28/2020	10/24/2022
	Silver, PD (ROLL AVG) Cadmium, PD (ROLL AVG)			11/18/2022
	TRC (30DA AVG) TRC (INST MAX)			11/23/2022
01/01/2020 – 01/31/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG) BOD, 5-day, percent removal (MO AV MN) Solids, suspended percent removal (MO AV MN)	001A	02/28/2020	10/24/2022
	Cadmium, PD (ROLL AVG)			11/19/2022
02/01/2020 – 02/29/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG)	001A	03/28/2020	10/24/2022

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	Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/19/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
03/01/2020 – 03/31/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)	001A	04/28/2020	10/24/2022
	Cadmium, PD (ROLL AVG)			11/19/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
04/01/2020 – 04/30/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	05/28/2020	10/25/2022
	Cadmium, PD (ROLL AVG)			11/19/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
05/01/2020 – 05/31/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG)	001A	06/28/2020	10/25/2022

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	Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cadmium, PD (ROLL AVG)			11/22/2022
	Silver, PD (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
06/01/2020 – 06/30/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)	001A	07/28/2020	10/25/2022
	Silver, PD (ROLL AVG) Chromium, trivalent, PD (DAILY MX) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
07/01/2020 – 07/31/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG)	001A	08/28/2020	10/25/2022
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Chlorine, total residual (“TRC”) (30DA AVG) TRC (INST MAX)			11/23/2022
08/01/2020 – 08/31/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG)	001A	09/28/2020	10/25/2022

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	Uranium, total (ROLL AVG)			
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
09/01/2020 – 09/30/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	10/28/2020	10/25/2022
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
10/01/2020 – 10/31/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	11/28/2020	10/25/2022
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022
11/01/2020 – 11/30/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	12/28/2020	10/25/2022
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG) TRC (30DA AVG) TRC (INST MAX)			11/23/2022

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12/01/2020 – 12/31/2020	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	01/28/2021	10/25/2022
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG)			11/23/2022
01/01/2021 – 01/31/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Uranium, total (ROLL AVG)	001A	02/28/2021	10/25/2022
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG)			11/29/2022
02/01/2021 – 02/28/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	03/28/2021	10/25/2022
	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG)			11/29/2022
03/01/2021 – 03/31/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	04/28/2021	10/25/2022
	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG)			11/29/2022
04/01/2021 – 04/30/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG)	001A	05/28/2021	10/25/2022

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	Nickel, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG			11/29/2022
05/01/2021 – 05/31/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	06/28/2021	10/25/2022
	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG			11/29/2022
06/01/2021 – 06/30/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	07/28/2021	10/25/2022
	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG			11/29/2022
07/01/2021 – 07/31/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	08/28/2021	10/25/2022
	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG			11/29/2022
08/01/2021 – 08/31/2021	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	09/28/2021	10/25/2022
	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG			11/29/2022
09/01/2021 –	Iron, TR (ROLL AVG)	001A	10/28/2021	10/25/2022

Attachment C

09/30/2021	Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cyanide, WAD (DAILY MX) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30D AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Mercury, total [as Hg] (30DA AVG)			11/16/2022
	Chromium, trivalent, PD (DAILY MX)			11/29/2022
10/01/2021 – 10/31/2021	Temperature (DAILY MX) Temperature (MX 7D AV) pH (MAXIMUM) pH (MINIMUM) Oil and grease (INST MAX) *E. coli* (30DA AVG) *E. coli* (MX 7D AV) Flow (30DA AVG) Flow (DAILY MX) TRC (30DA AVG) TRC (INST MAX) Mercury, total [as Hg] (ROLL AVG) Oil and grease visual (INST MAX)	001A	11/28/2021	11/29/2022
	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (30DA AVG)			12/23/2022

Attachment C

11/01/2021 – 11/30/2021	pH (MAXIMUM) pH (MINIMUM) Oil and grease (INST MAX) *E. coli* (30DA AVG) *E. coli* (MX 7D AV) Flow (30DA AVG) Flow (DAILY MX)	001A	12/28/2021	11/29/2022
	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			12/23/2022
12/01/2021 – 12/31/2021	Cyanide, WAD (ROLL AVG) Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Zinc, PD (ROLL AVG) Silver, PD (ROLL AVG) Copper, PD (ROLL AVG) Cadmium, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	01/28/2022	12/23/2022
01/01/2022 – 01/31/2022	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	02/28/2022	10/26/2022
	Cyanide, WAD (DAILY MX) Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX)			11/16/2022

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	Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Arsenic, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Chromium, trivalent, PD (DAILY MX) Selenium, PD (30DA AVG) Selenium, PD (DAILY MX) Uranium, total (DAILY MX) Mercury, total [as Hg] (30DA AVG)			
	Chromium, hexavalent dissolved [as Cr] (ROLL AVG)			11/29/2022
02/01/2022 – 02/28/2022	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	03/28/2022	10/26/2022
	Cyanide, WAD (DAILY MX) Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Arsenic, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Chromium, trivalent, PD (DAILY MX) Selenium, PD (30DA AVG) Selenium, PD (DAILY MX) Uranium, total (DAILY MX) Mercury, total [as Hg] (30DA AVG)			11/16/2022
03/01/2022 – 03/31/2022	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG)	001A	04/28/2022	10/26/2022

Attachment C

	Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)			
	Cyanide, WAD (DAILY MX) Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Silver, PD (ROLL AVG) Arsenic, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Cadmium, PD (ROLL AVG) Chromium, trivalent, PD (DAILY MX) Uranium, total (DAILY MX) Mercury, total [as Hg] (30DA AVG)			11/17/2022
04/01/2022 – 04/30/2022	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	05/28/2022	10/26/2022
	Cyanide, WAD (DAILY MX) Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX)			11/17/2022

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	Silver, PD (ROLL AVG) Arsenic, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Chromium, trivalent, PD (DAILY MX) Mercury, total [as Hg] (30DA AVG)			
05/01/2022 – 05/31/2022	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	06/28/2022	10/26/2022
	Cyanide, WAD (DAILY MX) Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Silver, PD (ROLL AVG) Arsenic, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Chromium, trivalent, PD (DAILY MX) TRC (30DA AVG) Mercury, total [as Hg] (30DA AVG)			11/17/2022
06/01/2022 – 06/30/2022	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	07/28/2022	10/26/2022
	Cyanide, WAD (DAILY MX) Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG)			11/17/2022

Attachment C

	Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Silver, PD (ROLL AVG) Arsenic, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Cadmium, PD (ROLL AVG) Chromium, trivalent, PD (DAILY MX) Mercury, total [as Hg] (30DA AVG)			
07/01/2022 – 07/31/2022	Iron, TR (ROLL AVG) Iron, dissolved [as Fe] (ROLL AVG) Manganese, dissolved [as Mn] (ROLL AVG) Zinc, PD (ROLL AVG) Copper, PD (ROLL AVG) Lead, PD (ROLL AVG) Nickel, PD (ROLL AVG) Selenium, PD (ROLL AVG) Uranium, total (ROLL AVG) Mercury, total [as Hg] (ROLL AVG)	001A	08/28/2022	10/26/2022
	Cyanide, WAD (DAILY MX) Chromium, TR (DAILY MX) Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Silver, PD (ROLL AVG) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Cadmium, PD (ROLL AVG) Chromium, trivalent, PD (DAILY MX) Selenium, PD (30DA AVG) Selenium, PD (DAILY MX) Mercury, total [as Hg] (30DA AVG)			11/17/2022
08/01/2022 – 08/31/2022	Temperature (DAILY MX) Temperature (MX 7D AV) Cyanide, WAD (DAILY MX) Arsenic, total [as As] (30DA AVG) Arsenic, total [as As] (DAILY MX) Chromium, TR (DAILY MX)	001A	09/28/2022	11/17/2022

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	Chromium, TR (ROLL AVG) Chromium, hexavalent dissolved [as Cr] (30DA AVG) Chromium, hexavalent dissolved [as Cr] (DAILY MX) Chromium, hexavalent dissolved [as Cr] (ROLL AVG) Silver, PD (30DA AVG) Silver, PD (DAILY MX) Silver, PD (ROLL AVG) Arsenic, PD (DAILY MX) Cadmium, PD (30DA AVG) Cadmium, PD (DAILY MX) Cadmium, PD (ROLL AVG) Chromium, trivalent, PD (DAILY MX) Mercury, total [as Hg] (30DA AVG)			
10/01/2022 – 10/31/2022	Cyanide, WAD (ROLL AVG)	001A	11/28/2022	07/18/2023

Attachment D

Third-Party Supplemental Environmental Project (SEP) Proposal / Agreement

Third-party (Revised 12/19/2023)

Document is completed by the third-party SEP administrator for review and approval by CDPHE and the regulated entity.

The regulated entity (source), identified below, and the third-party SEP administrator, identified below, submit the following SEP agreement proposal to the Colorado Department of Public Health and Environment (the department) for consideration. If the application is approved, it shall be signed by appropriate representatives of the department. If the approved document is then signed by the applicant, it shall serve as the SEP agreement for the project(s) at issue.

Enforcement action information

Regulated entity name: Town of Erie
Enforcement case no.: DO-200909-1

Regulated entity

Todd Fessenden, Utilities Director
Town of Erie
645 Holbrook Street,
Erie, Colorado 80516
303-926-2895
tfessenden@erieco.org

Third-party SEP administrator

Kim Orr, Director, School Recycling and Environmental Education Program
Eco-Cycle
6400 Arapahoe Road
Boulder, CO 80303
303-444-6634 ext 208
kim@ecocycle.org

Type of organization

Nonprofit organization

*If nonprofit, please attach a copy of your 501c(3) exemption to this SEP Agreement.

Department SEP Coordinator

Alex Scherer, SEP Coordinator
Supplemental Environmental Projects Coordinator
alex.scherer@state.co.us

Geographic area served

Town of Erie and City/County of Broomfield.

SEP category

Pollution reduction, environmental education, and public health and safety.

Project title

School Waste Diversion Project: Eco-Cycle's Green Star Schools and Reusable Zero Waste Event Kits.

Project summary

This SEP project consists of two parts and will reduce waste generated at schools in and near Erie thereby reducing waste landfilled in the Front Range Landfill.

1. Eco-Cycle's Green Star Schools Program
   Additional schools will have the opportunity to join the Green Star Schools (GSS) Program. Eco-Cycle's GSS Program will introduce compost collection, improve recycling, and promote reuse through an extensive and ongoing education program to reduce landfill waste generated at schools in and near Erie. This project will fund six new GSS.
2. Reusable Zero Waste Event Kits
   Reusable Zero Waste Event Kits include 30 reusable plates, cups, spoons, forks, and cloth napkins in a reusable storage container. Each kit also contains an instruction sheet. Zero Waste Event Kits replace single-use disposables and can be used at school-sponsored events where food and drinks are served. These events may include but are not limited to classroom celebrations, staff meetings, teacher conference dinners, PTO and PTA meetings, and larger school community events such as dances and graduations. After use, the kit materials are washed by school staff or adult volunteers and returned for reuse. This project will furnish 20 kits to Erie schools in BVSD and SVVSD.

Project Description

Funding from this SEP project will reduce waste generated at schools and landfilled at the Front Range Landfill in Erie.

1. Eco-Cycle's Green Star Schools

Waste diversion will be accomplished by adding six new schools to the GSS Program in and near Erie.

Landfilling results in the loss of natural resources, habitat loss, and water pollution. The Front Range Landfill is located in Erie. As a result, the Town of Erie is directly and heavily impacted by landfill operations.

Eco-Cycle's GSS Program introduces compost collection to schools, improves recycling, and puts a strong emphasis on waste reduction activities. The program provides participating schools with extensive and ongoing support, feedback, incentives, rewards, and special projects. This program is key to helping create environmentally literate graduates as well as creating behavior change resulting in a reduction of landfilled material in schools that ripples into the community.

Funding from this project will allow Eco-Cycle's GSS Program to be offered to Town of Erie schools and Broomfield schools spanning two school districts, Adams 12 Five Star and BVSD. The GSS Program will coordinate with each school district, the Town of Erie, and school administration to determine which eligible schools will become part of the GSS Program. Six new schools will be funded to join the GSS Program through this project.

Project Objectives:

- The GSS Program will reduce the amount of landfill materials generated in schools through education and the implementation of composting of food scraps in school cafeterias and kitchens.
- The GSS Program will reduce the amount of landfill materials generated in schools through education and improved recycling.
- The GSS Program will reduce the amount of landfill materials generated in schools by educating students and staff on the importance of reuse as the best way to reduce waste.
- The GSS Program education will create behavior change in school staff and students which will ripple into the community.
- The Town of Erie will realize direct benefits to their public health and environment with a reduction of materials disposed of at the Front Range Landfill.

ENVIRONMENTAL BENEFITS: COMPOST, RECYCLING, AND LANDFILL DATA

- Eco-Cycle will facilitate the sharing of recycling, compost, and landfill weights for each GSS school with the Town of Erie per each district's hauling contracts. This data will provide valuable feedback on the amount of materials diverted from the landfill to recycling and compost at each GSS school.

Eco-Cycle's data analysis from 32 GSS Schools in BVSD shows the following diversion rates at each type of school:

- Elementary Schools: 56%
- Middle Schools: 45%
- PK-8 Schools: 47%
- High Schools: 21%

There is a variation between the diversion rates at the different types of schools. Elementary schools tend to have the highest diversion rates as they have closed campuses and cafeterias are often able to utilize more reusable food serviceware. Middle schools tend to use more disposable food serviceware compared to elementary schools, which results in more trash being generated at lunch. Middle school students also tend to consume more of their food leading to fewer food scraps being composted. Finally, high schools demonstrate the lowest

diversion for a few reasons. High schools are open campuses. Many students leave school to purchase lunch and return to school with their single-use items acquired off campus, which are most often sent to the landfill. High school students tend to eat their food, so there are fewer food scraps to be composted. High school buildings are frequently used for school events and outside rentals. These events generate additional discards outside of the school day and the control of the GSS Program, resulting in more landfilled waste.

Compost weights are regularly reported by the hauler for each school dependent on their contract with the school district. The average pounds composted per year at each type of school is listed below.

- Elementary Schools: 7,000
- Middle Schools: 3,700
- PK-8 Schools: 4,300
- High Schools: 4,500

Diverting food scraps from the landfill and redirecting them to compost will have a significant positive impact on the Town of Erie and its residents. Less organic matter will be landfilled, resulting in a reduction of methane and carbon dioxide generated at the Front Range Landfill in Erie.

BEHAVIORAL CHANGE

The GSS Program educates and supports school staff and students on the impacts of waste, how to recycle and compost right, and the value of reducing waste through reuse. During the implementation of this project, Eco-Cycle's GSS schools will develop and distribute a survey for students and staff to assess their waste reduction knowledge and behaviors prior to joining the GSS Program. Several weeks after the completion of the GSS launch, staff and students at the school will be asked to complete an additional survey to reassess their waste reduction knowledge and behaviors.

This pre and post survey will be unique to this SEP project. Eco-Cycle's GSS schools will coordinate the implementation of the survey with district sustainability managers and school administration.

Project tasks and activities:

Schools joining the GSS Program complete activities with coordination and support from Eco-Cycle's GSS Program Manager and Coordinator.

GSS Preparation Activities:

1. Introductory Principal Meeting
2. Principal & Custodial Meeting (GSS launch logistics, long-term plan for GSS engagement)
3. Student Group Meetings (introduction, waste audit, student group peer messaging)
4. Faculty & Staff Trainings (~30 mins)
    a. Faculty & Staff
    b. Custodial (day and evening)
    c. Kitchen
    d. Lunchroom support staff/ paraeducators*

**dedicated training is preferred, but training can happen when Eco-Cycle is on-site for lunchroom monitoring.*

Eco-Cycle will complete a walk-through of the school building with the custodian. The walk-through ensures all classroom and hallway recycling and landfill receptacles are co-located and well-labeled. The walk-through will also include the cafeteria. Eco-Cycle's GSS Program Manager will work with the custodian to design the cafeteria sorting station in a manner that functions well in the space, for the students, and the custodian. Containers and signage will be provided in compliance with each district's agreement with Eco-Cycle. Finally, Eco-Cycle will coordinate the type of outdoor compost container and the placement of that container with the head custodian.

Once preparation activities are complete the school moves on to the next stage of launch activities.

GSS Launch Activities:

1. All-student education (~30 mins): individual classes, or grade-level
2. Monitoring in the lunchroom for 3-6 weeks following education by Eco-Cycle, student volunteers, school staff, and/or parent volunteers.
3. Sorting Wheel Activities: students spin the sorting wheel for an opportunity to win an Eco-Cycle-provided prize drawing (during recess or lunch).
4. Messaging: school announcements, staff letter, and parent/community letter.

After completion of the launch activities, GSS schools advance to the maintenance phase of the program.

GSS Maintenance Activities and Requirements:

1. Zero Waste or Sustainability Advocate: This school contact person facilitates communications and needs about the GSS Program with Eco-Cycle.

Responsibilities of the Zero Waste or Sustainability Advocate:

- Coordinate with the school custodian or principal to communicate recycle or compost collection issues or other GSS-related needs with Eco-Cycle/GSS Program Manager. Forward Eco-Cycle's environmental education programs flyers to teachers each fall.
- Communicate periodically about Eco-Cycle's special projects and promotion opportunities to school staff and the community.
- Order and distribute collection materials (posters and classroom containers) throughout the school building each fall (if needed) and establish their safe storage during school breaks.
- Update the school's paper recycling collection data found in monthly emails from Eco-Cycle. The school impact data should be posted/displayed in a common area of the school.

Additional Activities Optional Activities might include:

- Supervise a student group that helps promote recycling and waste reduction, and any other sustainable practices at your school. Notify the GSS Program Manager of upcoming school-wide events that could be made
- Composting will be allowed at Zero Waste Events with support from Eco-Cycle. Eco-Cycle staff are available to help with Zero Waste Event planning, sorting station monitoring, and/or tabling at the event.

A. ANNUAL EDUCATION REQUIREMENTS

- School Staff: in the form of a video and quiz or an in-person training. The format and requirements are determined in partnership with each school district.
- Students: Elementary: Kindergarten and either 3rd or 4th grade (school choice), Middle: 6th grade, High: 9th grade
- Optional: Custodial, kitchen, and paraeducator/school support staff training.
- Eco-Cycle is also available to present to PTO/PTA about waste reduction tips and hosting Zero Waste Events during school events, activities, and celebrations.

B. NEW SCHOOL STAFF ON-BOARDING

- Introductory meeting with Eco-Cycle and new school principals, head custodians, and Zero Waste Advocates to discuss and answer questions about their role in the GSS Program.

Eco-Cycle's GSS schools have access to benefits and resources. These include:

- Children's books through Eco-Cycle's CHaRMed Book Program
- Green Team support
- GSS Mini-Grant for reusables
- Zero Waste Event Support
- GSS Newsletter
- Classroom Celebration Waste Reduction Tips
- Eco-Cycle's Holiday Guide
- GSS Celebrations
- GSS Special promotions and contests

Eligible schools will be offered the opportunity to express their interest in becoming part of the GSS Program in the summer preceding and in the early fall of the school year.

The SEP will take a tiered approach. A tiered approach is necessary to accommodate for different situations at each school. Staffing can heavily impact the ability of a school to successfully support the GSS Program. When schools are understaffed or in a staffing transition they may choose to delay joining the GSS Program.

In Erie, there is one non-Green Star School in BVSD school and six non-GSS schools in SVVSD. SVVSD schools are not represented in the GSS Tiers. As a result of significant custodial understaffing, SVVSD Erie schools are not able to engage in the GSS Program during the SEP. The remaining eligible schools are prioritized based on their proximity to the Front Range Landfill and the Town of Erie.

The Tier 1 school and Tier 2 schools will be offered the first opportunity to join the GSS Program for the 2024-25 school year. Up to three schools may join the GSS Program during the 2024-25 school year.

The process will repeat in the spring of 2025 and early fall of 2025 with Tier 1 and Tier 2 schools being offered the first opportunity to express their interest in joining the GSS Program for the 2025-26 school year. If any GSS slots remain available, Tier 3 schools will be offered the opportunity to express their interest in joining the GSS Program.

A total of six schools will be able to join the GSS Program between Fall 2024 - Fall 2026.
Tier 1:

1. Meadowlark PK-8 (BVSD, Erie)

Tier 2:

2. Aspen Creek PK-8 (BVSD, Broomfield)
3. Broomfield Heights Elementary (BVSD, Broomfield)
4. Broomfield High (BVSD, Broomfield)
5. Emerald Elementary (BVSD, Broomfield)
6. Kohl Elementary (BVSD, Broomfield)

Tier 3

7. Centennial Elementary (Adams 12 Five Star, Broomfield)
8. Coyote Ridge (Adams 12 Five Star, Broomfield)
9. Legacy High (Adams 12 Five Star, Broomfield)
10. Meridian Elementary (Adams 12 Five Star, Broomfield)
11. Mountain View Elementary (Adams 12 Five Star, Broomfield)
12. Thunder Vista PK-8 (Adams 12 Five Star, Broomfield)
13. Westlake Middle (Adams 12 Five Star, Broomfield)

2. Reusable Zero Waste Event Kits

Additionally, waste diversion will be accomplished by supporting Erie schools with the opportunity to replace single-use disposable food serviceware with reusable serviceware.

Each Reusable Zero Waste Event Kit includes 30 reusable plates, cups, spoons, forks, and cloth napkins in a reusable storage container. Each kit contains an instruction sheet.

Zero Waste Event Kits replace single-use disposables with reusables and can be used at school-sponsored events where food and drinks are served. These events may include but are not limited to classroom celebrations, staff meetings, teacher conference dinners, PTO and PTA meetings, and larger school community events such as dances and graduations. After use, the kit materials are washed by school staff or adult volunteers and returned for reuse.

20 kits will be made available to Erie public schools in BVSD and SVVSD through an application process that will open in January 2025. Schools will apply by submitting information through a Google form. Each applicant will indicate information such as the number of kits requested (maximum of three), a feasible plan to store, distribute, and maintain the kits, what types of events the kits will be used for, the projected impact on waste reduction and how many people it will impact, details on the school staff who will help support and maintain the Zero Waste Event Kits over time, and any other waste reduction projects the school has implemented. Applicants will be scored based on their responses and kits will be awarded accordingly. Eco-Cycle will present the Zero Waste Event Kits to all teachers in a faculty presentation. In addition, information on the kits will be provided to school principals to forward to their PTO/PTA. These 20 kits will be distributed to awarded schools and faculty presentations will take place during the spring semester in 2025.

Schools Eligible to apply for Reusable Zero Waste Event Kits:

1. Black Rock Elementary (SVVSD, Erie)
2. Erie Elementary (SVVSD, Erie)
3. Erie Middle (SVVSD, Erie)
4. Erie High (SVVSD, Erie)
5. Meadowlark (BVSD, Erie)

6. Highlands Elementary (SVVSD, Erie)
7. Red Hawk Elementary (SVVSD, Erie)
8. Soaring Heights PK-8 (SVVSD. Erie)

Eco-Cycle's Partners and roles: Eco-Cycle coordinates with BVSD and SVVSD. Eco-Cycle's GSS Program first coordinates with the BVSDs Energy and Sustainability Manager and SVVSDs Environmental Health and Safety/Energy and Sustainability Manager. Eco-Cycle supports sustainability goals in each district. Regular meetings with these staff ensure effective communications on programs offered in their district and ensure Eco-Cycle supports the needs of the school district and individual schools. These staff support introductions and updates connections with school administrators and custodial and food service managers. While there are currently no GSS schools in Adams 12 Five Star, Eco-Cycle has been coordinating with their Energy and Sustainability Manager to introduce the program to schools in this district in the near future.

Within each district, Eco-Cycle also partners with the food service departments. Eco-Cycle works with the departments to promote and implement reusable food serviceware (when conditions permit) during lunch service. At new GSS schools, Eco-Cycle delivers educational training on how to compost and recycle properly. Kitchen containers and signage for compost and recycling are offered at each location. Eco-Cycle partners with food service departments to train and support students' use of food rescue stations when present. Food service departments may request educational training at any time, onsite at schools, or during professional development

GSS also partners with the custodial service departments, working closely with head custodians and regional managers to implement the GSS Program in each school. Custodians provide valuable information and feedback on how waste management systems are functioning. Eco-Cycle works with them to design classroom, hallway, and cafeteria sorting stations to fit their space and systems. Custodians help determine the type of outdoor recycle and compost containers and the placement of those containers.

Eco-Cycle also has partners outside of the school system. Eco-Cycle partners with trash, recycling, and compost haulers to provide services and feedback to schools and school districts. Data is made available according to the school districts' hauling contracts. Eco-Cycle also partners with local counties, cities, and towns which provide funding to make the GSS Program accessible to schools in their jurisdiction. These include the Town of Superior, the City/County of Broomfield, the City of Boulder, the City of Longmont, and Boulder County.

Similar services or projects in the area:

Eco-Cycle's GSS Program is unique to the Colorado Front Range.

The GSS Program is Colorado's only comprehensive, full-service school waste reduction program. The GSS Program began in 2005 with the first GSS school in BVSD. The program later expanded to SVVSD. As Boulder County was the primary founder of the GSS Program, it has been limited to schools located within Boulder County. With limited support from the City/County of Broomfield, the first Broomfield school became part of the GSS Program in spring 2024. There are currently 65 GSS schools in Boulder County and one in Broomfield County.

During the 2023-24 school year, Eco-Cycle received funds from municipalities to provide Reusable Zero Waste Event Kits in Boulder County and Broomfield. 22 kits were distributed to the Town of Superior schools. 21 kits were distributed to City/County of Broomfield schools. In the fall of 2024, 20 kits will be distributed to Title 1 schools in Boulder County with funding awarded to Eco-Cycle from the Circular Economy Fund. Eco-Cycle is not aware of any organization providing similar services to promote reuse to public schools in the Front Range.

Project work plan

Timeline:

Fall 2024

In coordination and with approval from each district, Eco-Cycle will contact each eligible school to determine their interest in the GSS Program for the 2024-25 school year.

The goal will be for two to three schools to join the GSS Program during the 2024-25 school year.

In January 2025, Eco-Cycle will contact schools eligible to apply for Reusable Zero Waste Event Kits. Awarded kits will be delivered during the spring semester of 2025.

Spring 2025

In coordination and with approval from each district, Eco-Cycle will contact each eligible school to determine their interest in the GSS Program for the 2025-26 school year.

Fall 2025/Spring 2026

The goal will be to add two to three more schools during the 2025-26 school year to get a total of six GSS schools added through this project.

Spring 2026

In coordination and with approval from each district, Eco-Cycle will contact any remaining eligible schools to determine their interest in the GSS Program for the Fall of 2026.

Fall 2026

The goal will be to add any remaining schools to reach a total of six new GSS schools from the list of eligible schools.

Activities / Deliverables	Staff responsible	Due date
Contact each eligible school to determine their interest in the GSS Program for the 2024-25 school year	Eco-Cycle, Kim Orr	November 30th, 2024
Biannual Report Fall 2024 Activities	Eco-Cycle, Kim Orr	December 31, 2024

Biannual Report Spring 2025 Activities	Eco-Cycle, Kim Orr	June 30, 2025
Biannual Report Fall 2025 Activities	Eco-Cycle, Kim Orr	December 31, 2025
Biannual Report Spring 2026 Activities	Eco-Cycle, Kim Orr	June 30, 2026
Biannual Report Fall 2026 Activities	Eco-Cycle, Kim Orr	December 31, 2026
Project completion date	Eco-Cycle, Kim Orr	January 1, 2027
SEP completion report due	Eco-Cycle, Kim Orr	January 15, 2027

Expected environmental and/or public health measures/results

Please detail expected environmental and/or public health benefits of this project, quantifying the environmental benefits to the extent possible and providing calculations and any underlying assumptions.

The Town of Erie is home to the Front Range Landfill. In 2021, when Erie completed its first town-wide comprehensive greenhouse gas inventory, the Front Range Landfill was identified as the largest single emissions source for the town with 1,747,016 tons of collected waste and 109,280 mt of CO2e emissions. 5% of these emissions are estimated to be the result of materials landfill by Erie residents or 12,996 tons and 3,707 mt of CO2e emissions. The GSS Program and its implementation of compost collection in six schools will directly reduce the amount of organic material at the Front Range Landfill, therefore reducing methane and related emissions locally. In addition, the education and outreach component of the GSS Program will contribute to a larger behavioral shift for the students in these schools along with their parents and the larger community, influencing a broader impact beyond the school borders.

Methane and related landfill emissions are borderless and affect areas beyond Erie's borders. This is similarly true of the materials that are collected at the Front Range Landfill, sourced from municipalities throughout the Northern Front Range. As a result, the implementation of the GSS Program will improve public health impacts in Erie and beyond but also reduce potent greenhouse gas emissions for the State and nation.

Project budget

Complete the summary table below and itemize expenses according to the budget categories provided. Add rows as necessary. Documentation of all expenditures is required as part of the completion report.

Category	Description	SEP Funds	Matching funds (if applicable)	Total cost

Personnel - salaries, wages (including rates and # of hrs.)	Project Admin and Education at 6 GSS schools ($54.22/hr, est 225 hours per school, includes all components of GSS Program described above)	$73,197.00		$73,197.00
	Zero Waste Event (ZWE) Project Admin ($40/hr, est 77 hours to order, assemble, announce, and deliver)	$3,080.00		$3,080.00
Materials and supplies	ZWE Kit Materials (20 sets of 30 reusable plates ($200), cups ($200), spoons ($80), forks ($120), and napkins($650) in a tote ($135) delivery $30)	$1,415.00		$1,415.00
	Guidelines/Signage	$1,200.00		$1,200.00
	Student Prizes/Promotions	$300.00		$300.00
Equipment	Compost containers	$3,300.00		$3,300.00
Contractors / subcontractors	NA			
Other Direct Costs	GSS Mileage	$2,398.00		$2,398.00
	ZWE Kit Mileage	$110.00		$110.00
	Total:	$85,000		$85,000

*Please note: Any categorical changes exceeding 10% of the **total** budget require prior written approval from CDPHE through a SEP Modification.*

Budget discussion

Describe how all costs were determined and how they relate to the project. Describe the availability of funding for this project from sources other than SEP contributors. Include sources of funding, secured and applied for, directly related to this SEP.

Eco-Cycle's GSS Program began in 2005. 66 GSS schools span two school districts and two counties. The costs for this project are estimated time and staff compensation rates based on the program's long history. Because these expenses are estimated, Eco-Cycle will donate time and resources that exceed up to 10% of the project costs to ensure project completion.

While the GSS Program is funded through many sources, those current funding sources limit access to the program. There are currently no funding sources to bring the GSS Program to the eligible locations during the designated time frame.

Eco-Cycle delivered 43 Reusable Zero Waste Event Kits during the 2023-24 school year. The described project follows the same pattern. Known expenses from the previous project were used to calculate the costs.

Other relevant information

Include any additional information necessary to fully evaluate the SEP proposal. Please detail the extent to which the project goes beyond any city, state or federal requirements if applicable. Indicate other benefits to the source (i.e. process efficiencies) resulting from the implementation of this project.

There are no applicable city, state, or federal requirements for waste diversion from landfills, including Erie based Front Range Landfill. Therefore, this program will provide an environmental benefit that is not met by existing regulatory requirements.

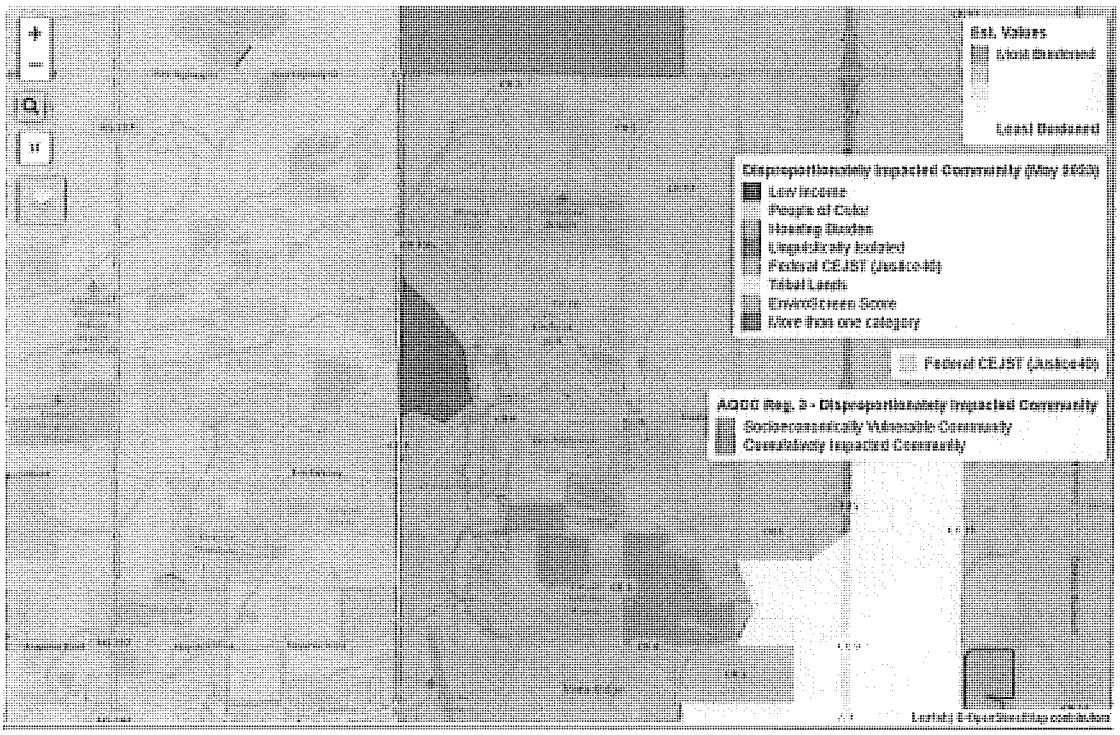
Additional application materials include three letters of support from related school entities:

- Letter of support from Garrett McDaniel, Community Sustainability Manger for the City and County of Broomfield
- Letter of support from Ghita Carroll, Sustainability and Energy Officer for Boulder Valley School District
- Letter of support from Curtis Leonard, Energy and Sustainability Specialist for St. Vrain Valley School District

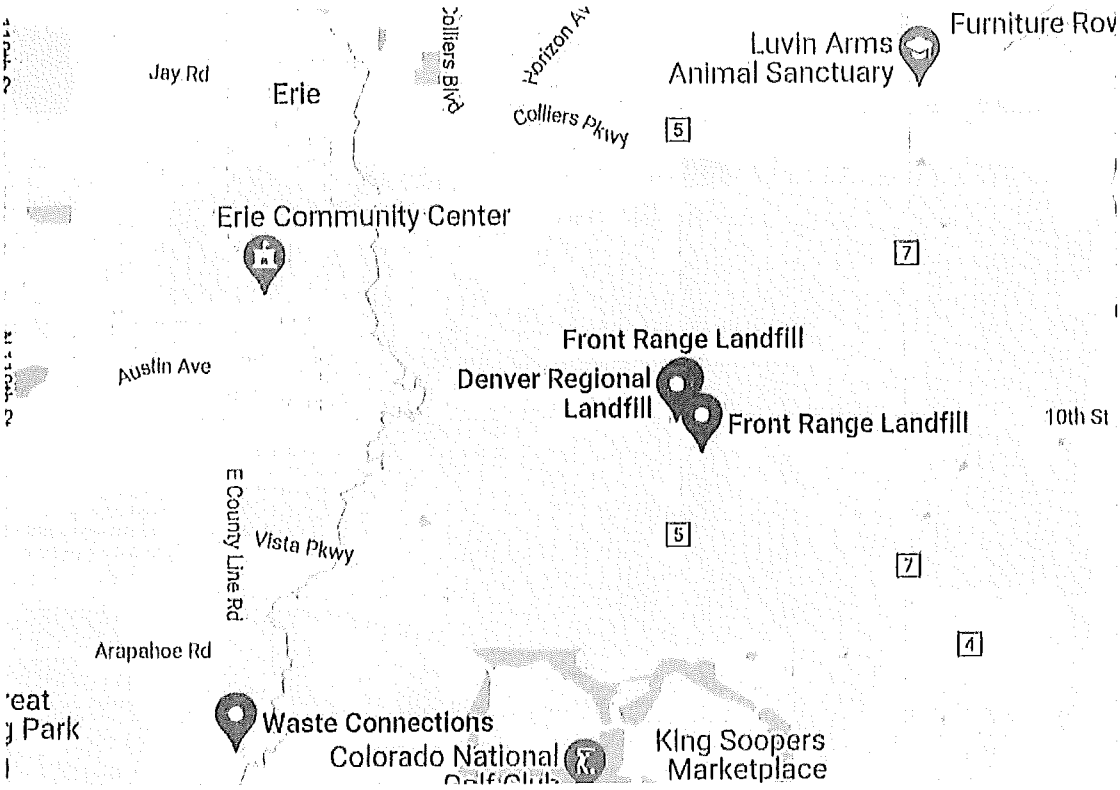
Photos or maps related to the project

Town of Erie CDPHE SEP eligible schools:
https://www.google.com/maps/d/edit?mid=1rQZvOwnSD1Tp4G6YFrMFGH4x_UOPEil&usp=sharing

CO EnviroScreen Analysis:



The proximity of the landfill to Erie:



Reporting requirements

Biannual status reports

The SEP administrator will submit a biannual project status report to the department's SEP coordinator. Status reports will include, at a minimum, the following information and be submitted using the department's status report form:

- A description of activities completed to date;
- A budget summary table listing funds expended to date by budget category; and
- A discussion of any anticipated changes to the project scope or timeline.

SEP completion report

The SEP administrator will submit a SEP completion report to the department's SEP coordinator within 30 days of project completion and contain at a minimum:

- A detailed description of the project as implemented;
- A summary table identifying project deliverables and tasks along with the associated completion date;

- A description of any operating problems encountered and the solutions thereto;
- A full expense accounting including itemized costs, documented by copies of purchase orders, contracts, receipts or canceled checks;
    - SEP Administrators should redact any potentially sensitive account information from any documentation, such as bank account numbers and personal identifying information (PII).
- Certification and demonstration that the SEP has been fully implemented pursuant to the provisions of the Settlement Agreement and this SEP Agreement;
- A description of the environmental and public health benefits resulting from implementation of the SEP along with **quantification** of the outcomes and benefits. The impact of the GSS Program will be measured in a few ways. Eco-Cycle's GSS schools' reports will detail the activities, grade levels, number of participants at each GSS school. Reports will also include the results of the pre and post behavioral assessments. Compost, recycling, and trash data will be provided in coordination with each school's haulers and the school district.

Additional information will include:

- Examples of brochures, educational or outreach materials developed or produced as part of the SEP; and
- Photographs documenting the project.

Third-party SEP administrator conditions and requirements

Only qualified tax-exempt 501(c)(3) nonprofits or governmental organizations are eligible to serve as the SEP administrator. The SEP administrator agrees to the following SEP conditions and requirements:

I. Maintain the SEP funds paid by the regulated entity in an independent SEP account and draw funds from the account as-needed for the purposes outlined in this SEP agreement.

II. Communicate issues and concerns related to the SEP promptly to the department SEP coordinator.

III. If the SEP administrator elects to publicize the name of a violator in connection with the SEP either orally or in writing, the SEP administrator must also include the following statement: "*This project was undertaken in connection with the settlement of an enforcement action taken by the Colorado Department of Public Health and Environment for violations of environmental laws and regulations*".

IV. Complete the SEP as described in this SEP agreement

a. Any changes to the approved project scope or timeline must receive prior written approval from the department.

b. Budget reallocations of up to 10% of the total SEP payment amount may be made without prior authorization. Budget reallocations of over 10% must first receive written prior authorization from the department.

V. Complete the SEP within the time frame(s) indicated in this SEP agreement. If the SEP

administrator is unable to meet the SEP agreement time frame(s) for the completion of the SEP, the SEP administrator may request a deadline extension in writing from the department no later than 30 days prior to the deadline.

VI. In any of the following situations, all funds remaining in the SEP account shall be released to the department within 30 days of the department's written request:

a. The SEP administrator fails to complete the project or submit the SEP completion report;

b. The project has been fully implemented and there are still funds remaining in the SEP account; or

c. The department terminates the SEP for failure of the third-party SEP administrator to adhere to this SEP agreement.

VII. Make available, at the department's request, all records pertaining to the SEP.

a. The SEP administrator shall maintain a complete file of all records, documents, communications, and other materials that pertain to the operation of the SEP or the delivery of services under the SEP agreement. Such files shall be sufficient to properly reflect all direct and indirect costs of labor, materials, equipment, supplies and services.

b. The SEP administrator authorizes the department to perform audits and/or inspections of its SEP records, at any reasonable time during the implementation of the project and for a period of one (1) year following the completion of the project.

Failure to adhere to any of the above conditions and requirements may result in the termination of the SEP and/or no further SEP referrals.

This section to be completed in the event of a SEP Agreement only

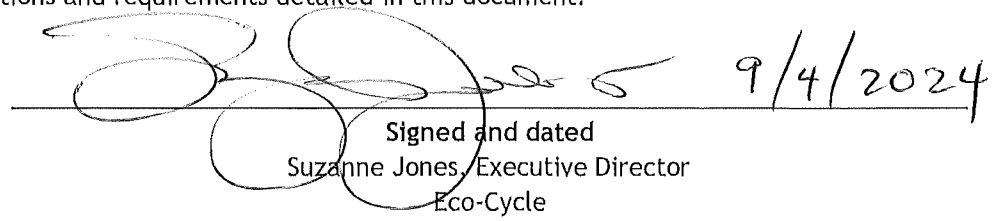
Certification statement

I, ~~Todd Fessenden~~ ~~Justin Brooks~~ Sara Lofin, Town of Erie ~~Utilities Director~~ Mayor Pro Tem, certify on behalf of the Town of Erie, that the Town of Erie agrees to implement the project as described in this document and that the Town of Erie has not entered into any prior commitments to fund this project, voluntary or otherwise.

Signed and dated

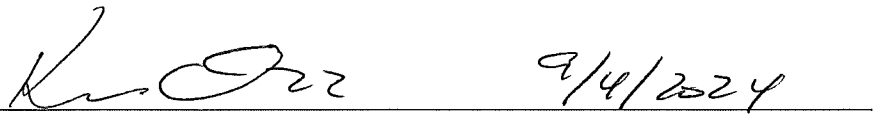
Sara Lofin, ~~Justin Brooks~~, Town of Erie Mayor Pro Tem
~~Todd Fessenden, Utilities Director~~
Town of Erie

I, Kim Orr, Director, certify on behalf of Eco-Cycle, that Eco-Cycle administrator is not required or has not previously committed to perform this project and agrees to the SEP conditions and requirements detailed in this document.



9/4/2024

Signed and dated
Suzanne Jones, Executive Director
Eco-Cycle



9/4/2024

Signed and dated
Kim Orr, School Recycling and Environmental Education Director
Eco-Cycle

Department use only

This SEP has been reviewed and approved by the Colorado Department of Public Health and Environment.

Nathan T. Moore Digitally signed by Nathan T. Moore
Date: 2024.09.03 12:35:03 -06'00'

Signed and dated
Nathan Moore, Clean Water Program Manager
Water Quality Control Division
Colorado Department of Public Health and Environment

Alex Scherer Digitally signed by Alex Scherer
Date: 2024.09.03 13:02:21 -06'00'

Signed and dated
Alex Scherer, Supplemental Environmental Projects Coordinator
Environmental Justice Program - Administration Division
Colorado Department of Public Health and Environment