Effluent Quality Assessment of WestRock CP, LLC – Fernandina Beach Mill Nassau County NPDES # FL0001104 Sampled April 28, April 30, and May 2, 2025

Division of Environmental Assessment and Restoration
Florida Department of Environmental Protection
June 2025
October 2025 - revised mysid WET result

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Summary of Results

All analytes measured in the effluent grab and composite samples complied with Class III Water Quality Criteria for Marine Waters and effluent permit limits. The effluent was not toxic to the marine fish tested in the chronic toxicity bioassay. The marine mysid chronic toxicity bioassay did not meet the test acceptability criteria of minimum average control weight and was therefore invalidated. The marine algal growth potential (AGP) and nutrient results suggest a potential for nutrient enrichment of the receiving waters. There were four organic constituents detected in the effluent grab sample.

Facility Overview

WestRock CP, LLC – Fernandina Beach Mill is an industrial wastewater treatment facility. The permit can be found in the DEP OCULUS, Document Management System. To access the permit directly, use this link and click the "Public OCULUS Login" button in the center of the webpage. (https://depedms.dep.state.fl.us:443/Oculus/servlet/shell?command=getEntity&[guid=38.942142.1]&[profile=Permitting_Authorization])

The effluent is continuously discharged into Amelia River, a Class III Marine Water [waterbody identification (WBID) 2124] (Figure 1). The receiving water for this facility falls under the Estuary-Specific Numeric Interpretations of the Narrative Nutrient Criteria (NNC) for St.Marys River within the Lower St. Marys River region. For this region, the NNC is 0.77 mg/L total nitrogen, 0.181 mg/L total phosphorus, and 12.9 µg/L chlorophyll *a* (Subparagraph 62-302.532(1) (cc)1., F.A.C.). The criterion for total nitrogen is expressed as an annual geometric mean, and the criteria for total phosphorus and chlorophyll *a* shall not be exceeded in more than 10 percent of the measurements assessed over the most recent seven year period. For Class III predominantly marine waters, the daily average dissolved oxygen (DO) saturation shall not be below 42 percent in more than 10 percent of the values (Subsection 62-302.533(2), F.A.C.). This fifth year inspection (FYI) event only provides single sample results. It should be noted that waterbody impairment assessments are based on longer-term data, and individual exceedances of a criterion do not indicate use impairment.
http://ca.dep.state.fl.us/mapdirect/?focus=nutrientcriteria

Methods

Effluent grab and 24-hour time-proportioned composite samples were collected from monitoring site location EFF-1, for outfall D-001 on April 28, 2025. Effluent renewal composite samples were collected on April 30, 2025 and May 02, 2025. Equipment blanks were collected on April 24, 2025. The permit specifies flow-proportioned composite samples and time-proportioned composite samples were collected; the sampler stated that the flow at this site is constant throughout the day.

Samples were collected by Conor Lucey, Chris Williams, Connor Parker, and Yahya Farah (Northeast District). Analyses were performed by Eurofins Environmental Testing in Pensacola and Orlando, and DEP Laboratory in Tallahassee.

All field and laboratory methods followed DEP Standard Operating Procedures (see https://floridadep.gov/dear/quality-assurance/content/dep-sops and https://floridadep.gov/dear/florida-dep-laboratory/content/dep-laboratory-quality-assurance-manual-and-sops for details) and met DEP quality assurance/quality control standards (see https://floridadep.gov/dear/quality-assurance). Explanations of specific methods and measurements can be found in Appendix B.

Class III Water Quality Criteria for Fresh and Marine Waters are found in Chapter 62-302, F.A.C. All references to Rule 62-302.530, F.A.C. are to the surface water quality criteria table with an effective date of 02/17/2016 and a notice identification number of 17115667.

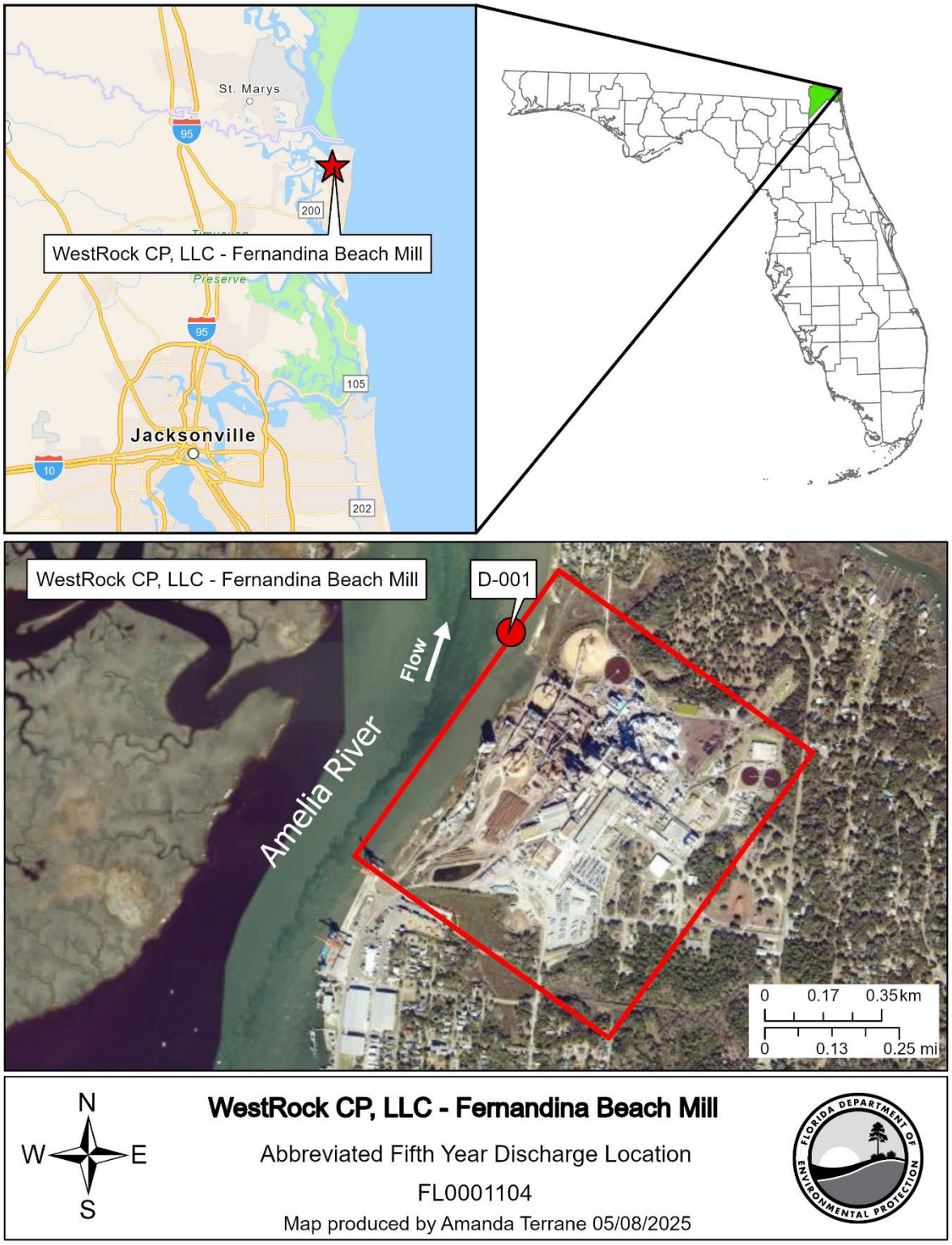


Figure 1. Map of Facility and Discharge Location

Results

Physical and Chemical Parameters (See Table 1 and Appendices B & C)

- All field measured effluent water quality parameters complied with Class III Water Quality Criteria for Marine Waters and effluent permit limits.

Analytical Water Chemistry (See Table 2 and Appendices A & C)

- All water chemistry analytes detected in the effluent grab and composite samples complied with Class III Water Quality Criteria for Marine Waters.

- Total phosphorus was detected in the equipment blank.

- Nitrate and nitrite was detected in the equipment blank between the method detection limit (MDL) and the practical quantitation limit (PQL).

- For comparative purposes only, total phosphorus and total nitrogen in the effluent composite and grab samples were greater than the Estuary-Specific Numeric Nutrient Criteria (NNC) percent sample and annual geometric mean values, respectively, for the region.

Toxicity Whole Effluent Test (See Table 2 and Appendices A & C)

- Tests were performed April 29 through May 6, 2025.

- The sample was aerated for 5 minutes at a rate of approximately 100 bubbles per minute to decrease the dissolved oxygen (DO) from 9.4 mg/L to 7.6 mg/L.

- Aliquots of the bioassay sample were salinity-adjusted according to method requirements from an apparent salinity of approximately 1.5 parts per thousand (ppth) to a salinity of approximately 20 ppth for the *Americamysis bahia* test and to a salinity of approximately 5 ppth for the *Menidia beryllina test*. Salt control mortality was within method acceptance criteria.

- Dechlorination was not required in the initial sample or the first renewal sample, but total residual chlorine (TRC) was detected in the third bioassay sample in the laboratory at 0.23 mg/L. An aliquot of this sample was dechlorinated by the addition of sodium thiosulfate (0.025 N) at a rate of 0.52 mL per liter of sample to neutralize the chlorine.

- Chronic bioassay results are reported as the 25% Inhibition Concentration (IC25). An IC25 is the effluent concentration causing a 25% reduction in a biological response such as biomass or reproduction when compared to a control population. An IC25 of less than 100% in a chronic test may constitute exceedances of Subsection 62-302.200(5), Subsection 62-302.530(20) and/or facility permit limits.

- For the chronic definitive bioassay, the calculated IC25 for the fish, *Menidia beryllina*, was greater than 100% effluent, and therefore complied with effluent permit limits.

- For the chronic definitive bioassay, the *Americamysis bahia* did not meet the test acceptability criteria for the minimum average control weight, thus invalidating the mysid test due to possible sublethal toxicity effects. The mysid average weight was 0.1840 mg, and the minimum required weight is 0.2 mg. This test has been reported as "No Result".

- For more information or to obtain copies of the toxicity bench sheets, please contact the Biology Laboratory at 850-245-8177.

Metals (See Table 3 and Appendix C)

- Effluent metals complied with Class III Water Quality Criteria for Marine Waters and effluent permit limits.

Algal Growth Potential (See Table 4 and Appendices A & C)

- An aliquot of the AGP sample was salinity adjusted from an apparent salinity of approximately 1.5 parts per thousand (ppth) to a salinity of approximately 6.8 ppth by the addition of artificial sea salts to meet the salinity requirements of the test species *Dunaliella tertiolecta*.

- The salinity adjusted AGP was 41.5 mg dry wt/L of the saltwater species *Dunaliella tertiolecta*. Raschke and Shultz (1987) determined that AGP values above 10.0 mg dry weight/L represent a "problem" threshold for marine receiving waters, implying nutrient enrichment. The analytical chemistry suggests that the effluent is nitrogen limited (Miller et al. 1978).

Organic Constituents (See Table 5 and Appendix C)

- Atrazine (herbicide), azoxystrobin (fungicide), caffeine (stimulant), and fipronil sulfide (insecticide) were detected in the effluent grab sample.

- There are no effluent permit limits for organic constituents.

Literature Cited

Miller, W. E., Greene, J. C., and Shiroyama, T. 1978. The *Selenastrum capricornutum* Printz algal assay bottle test. EPA600/9-78-018. U. S. EPA, Corvallis, Oregon. 126 p.

Raschke, R.L. and Schultz, D.A. 1987. The use of the algal growth potential test for data assessment. Journal Water Pollution Control Federation.

Stevenson, R. J. and Bahls, L. L. 1999. Periphyton protocols. Pp. 6.1-6.22 in: Rapid bioassessment protocols for use in wadeable streams and rivers. 2nd edition. By: M. T. Barbour, J. Gerritsen, B. D. Snyder and J. B. Stribling. EPA 841-B-99-002. U. S. Environmental Protection Agency, Office of Water, Washington, D. C.

USEPA. 1971. Algal Assay Procedure: Bottle Test. EPA950R71094 U. S. EPA, Corvallis, Oregon, 82 p.

USEPA. 1974. Marine Algal Assay Procedure: Bottle Test. EPA660375008 U. S. EPA, Corvallis, Oregon. 43 p.

USEPA. 2000. Nutrient Criteria Technical Guidance Manual – River and Streams. EPA-822-B-00-002.

Table 1. Measured field parameters

Effluent limits, Class III Water Quality Criteria for Marine Waters, and field parameters

Parameter	Units	Class III Criteria	Effluent Permit Limits	Effluent EFF-1
Temperature	C	-	≤ 42.2	35.1
pH	SU	6.5 - 8.5	6.0 - 8.5	6.4
Specific Conductance	µmhos/cm	-	-	3,193
Salinity	ppth	-	-	0 c
Dissolved Oxygen	% saturation	≥ 42	-	101.6 c
Dissolved Oxygen	mg/L	-	≥ 1.7	7.0

A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.
c - Value is calculated.

Table 2. Analytical water chemistry, microbiological, and toxicological data

Effluent limits, Class III Water Quality Criteria for Marine Waters, and analytical water chemistry, microbiological, and toxicological data

Analyte	Units	Class III Criteria	Effluent Permit Limits	Effluent Composite	Effluent Grab
Ortho-phosphate	mg P/L	-	-	-	0.82
Total Phosphorus[1]	mg P/L	≤ 0.181	Report	0.82	1.2
Total Ammonia Nitrogen	mg N/L	-	Report	-	7.8
Un-ionized Ammonia (calc salinity)	mg N/L	-	-	-	< 0.02 c
Nitrate and Nitrite[2]	mg N/L	-	-	0.61	0.80
Total Kjeldahl Nitrogen	mg N/L	-	Report	6.8	9.2
Organic Nitrogen	mg N/L	-	-	-	1.4 c
Total Nitrogen	mg N/L	≤ 0.77 g	Report	7.4 c	10 c
Total Organic Carbon	mg C/L	-	-	-	21
Chlorophyll *a* - Corrected	µg/L	≤ 12.9	-	-	1.4 I
Phaeophytin	µg/L	-	-	-	1.3 U
CBOD, 5 day, N - inhibited	mg/L	-	-	-	2.2 J
BOD, 5 day, N - uninhibited	mg/L	-	Report	3.0 J	-
Hardness	mg CaCO3/L	-	-	-	408 c
Total Suspended Solids	mg/L	-	Report	9 I	11
Turbidity	NTU	≤ 29 t	Report	-	7.6
Color (true)	PCU	-	-	-	60
Alkalinity	mg CaCO3/L	-	-	-	211 A
Chloride	mg Cl/L	-	-	-	170
Fluoride	mg F/L	≤ 5.0	-	-	0.56
Sulfate	mg SO4/L	-	-	-	1,100
Bioassay - Mysid *(A. bahia)*	% effluent	-	≥ 100	No Result	-
Bioassay - Fish *(M. beryllina)*	% effluent	-	≥ 100	> 100	-

A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.
c - Value is calculated.
g - Value expressed as an annual geometric mean.
t - Shall not exceed 29 NTUs above background.
A - Value reported is the mean of two or more determinations.
I - The reported value is between the laboratory method detection limit (MDL) and the laboratory practical quantitation limit (PQL).
J - Estimated value and/or the analysis did not meet established quality control criteria.
U - Material analyzed for but not detected; value reported is the method detection limit.
1 - Analyte detected in the equipment blank.
2 - Analyte detected in the equipment blank between the MDL and PQL.

Table 3. Analytical metals data

Effluent limits, Class III Water Quality Criteria for Marine Waters, and analytical metals data

Analyte	Units	Class III Criteria	Effluent Permit Limits	Effluent Grab
Aluminum	µg/L	≤ 1,500	-	210
Arsenic	µg/L	≤ 50	-	0.45
Cadmium	µg/L	≤ 8.8	-	0.024 I
Calcium	mg/L	-	-	93.1
Chromium, Total [3]	µg/L	≤ 50	-	1.4 I
Copper	µg/L	≤ 3.7	≤ 12.8	0.40 U
Iron	µg/L	≤ 300	-	88 I
Lead	µg/L	≤ 8.5	-	0.20 U
Magnesium	mg/L	-	-	42.6
Mercury	ng/L	≤ 25	≤ 25	0.35 I
Nickel	µg/L	≤ 8.3	≤ 40.1	2.0
Potassium	mg/L	-	-	20.7
Selenium	µg/L	≤ 71	-	0.20 U
Silver	µg/L	≤ 2.3	-	0.010 U
Sodium	mg/L	-	-	552
Zinc	µg/L	≤ 86	-	20

A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.
I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
U - Material analyzed for but not detected; value reported is the method detection limit.
3 - Class III Marine Water Quality Criterion (62-302.530(19)(b), F.A.C.) is for chromium-VI.

Table 4. Algal Growth Potential (AGP)

Measured and predicted algal growth potential (AGP; mg dry weight/L) for total soluble inorganic nitrogen (TSIN), ortho-phosphate (OP), total nitrogen (TN) and total phosphorus (TP) limitation and ratios of nitrogen to phosphorus

Location	Test Species	AGP (measured)	Predicted AGP (TSIN) ± 20%	Predicted AGP (OP) ± 20%	Predicted AGP (TN) ± 20%	Predicted AGP (TP) ± 20%	Inorganic N:P ratio	Total N:P ratio
Effluent Grab	*Dunaliella tertiolecta*	41.5 A *	not applicable [4]	not applicable [4]	not applicable [4]	not applicable [4]	10.5	8.3

* - Sample salinity adjusted to 6.8 ppth.
4 - Predictions not applicable to marine matrix.
A - Value reported is the mean of two or more determinations.

Table 5. Detected Organic Constituents

Effluent limits, Class III Water Quality Criteria for Marine Waters, and analytical organic and pesticide data

Analyte	Units	Class III Criteria	Effluent Permit Limits	Effluent Grab
Atrazine	ng/L	-	-	8.0
Azoxystrobin	ng/L	-	-	4.9 J
Caffeine	ng/L	-	-	310
Fipronil Sulfide	ng/L	-	-	0.17 I

A dash (-) indicates sample/measurement was not collected or criterion/limit does not exist.
I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J - Estimated value and/or the analysis did not meet established quality control criteria.

Appendix A. Explanations of Measurements

Biological assessments are prepared by DEP staff to provide information for review of NPDES permit renewal applications. Biological assessments, in conjunction with other information concerning the subject facility and its receiving-water body, are used to determine appropriate permit conditions. References to Rule 62-302.530, F.A.C., are to the currently applicable surface water quality criteria table with an effective date of 02/17/2016 and a notice identification number of 17115667.

- **Chemical Analyses of the Effluent**

  The effluent was analyzed for nutrients, metals, organic constituents (base, neutral, and acid extractables) and pesticides following DEP SOPs. The results from these analyses were compared with Water Quality Criteria (Chapter 62-302, F.A.C.) and facility permit limits.

- **Chlorophyll *a* Content**

  Chlorophyll *a* content is an estimate of algal biomass. High algal biomass implies nutrient stress (Stevenson and Bahls 1999) and may constitute exceedances of Subsection 62-302.530(47), F.A.C., Paragraph 62-302.530(48)(a) F.A.C. and/or Paragraph 62-302.530(48)(b) F.A.C.

- **Toxicity Bioassays**

  Greater than 50% mortality in an acute toxicity test may constitute an exceedance of Paragraph 62-302.500(1)(a) and/or facility permit limits. A 25% inhibition concentration (IC25) is the effluent concentration causing a 25% reduction in a biological response such as biomass or reproduction when compared to a control population. An IC25 of less than 100% in a chronic test may constitute exceedances of Subsection 62-302.530(20), Subsection 62-302.530(62) and/or facility permit limits. A no observed effect concentration (NOEC) less than 100% effluent in a chronic test may constitute an exceedance of Subsection 62-302.530(62) and/or facility permit limits. Standard reference toxicant (SRT) tests are conducted monthly to ensure quality in toxicity testing.

- **Algal Growth Potential (AGP)**

  Algal growth potential (AGP) is a measure of nutrients available for algal growth (Miller et al. 1978; USEPA 1974). The AGP value is the peak growth of the alga within that 14-day period, recorded as mg dry weight/L. The protocol for marine waters (USEPA 1974) refers to the original 1971 Bottle Test procedure (USEPA 1971) for analysis interpretation. The 1971 Bottle Test was updated in 1978 (Miller et al. 1978). AGP results within the range 6.10 to 20.0 mg dry wt/L are suggested to be representative of high productivity for freshwaters (Miller et al. 1978). AGP values above 10.0 mg dry weight/L represent a “problem” threshold for marine receiving waters, implying nutrient enrichment (Raschke and Schultz 1987, personal communication). High AGP values may constitute exceedances of Subsection 62-302.530(47), F.A.C., Paragraph 62-302.530(48)(a), F.A.C. and/or Paragraph 62-302.530(48)(b), F.A.C.

  The concentration of nutrients in a water sample may be used to calculate the expected yield of AGP under the assumption that other required nutrients (e.g. silicon, micronutrients) are

present in excess (Miller *et al*. 1978). The expected amount of production is calculated as 38 times the total soluble inorganic nitrogen (nitrate and nitrite plus ammonia) under nitrogen limitation or 430 times the ortho-phosphate (OP) concentration under phosphorus limitation with an error of ± 20%. When the ratio of nitrogen to phosphorus (N: P) is less than 10:1, nitrogen limitation of algal production is likely. When the N: P ratio is 20:1 or greater, phosphorus limitation is likely (USEPA 2000). For ratios in-between, co-limitation may occur. Production of lower biomass than expected may be evidence of growth inhibition related to toxic compounds present in the water sample tested and may constitute an exceedance of Subsection 62-302.530(62), F.A.C. If a nutrient value is non-detect, predicted AGP (freshwater only) and N:P ratio (fresh and marine) is calculated using ½ the method detection limit (MDL) for non-detect value.

- **Definition of Qualifiers** (Rule 62-160.700, F.A.C.)

  A - Value reported is the mean of two or more determinations.
  B - Results based on colony counts outside the acceptable range.
  I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
  J - Estimated value and/or the analysis did not meet established quality control criteria.
  K - Actual value is known to be less than value given.
  L - Actual value is known to be greater than value given.
  N - Presumptive evidence of presence of material.
  O - Sampled, but analysis lost or not performed.
  Q - Sample held beyond normal holding time.
  T - Value reported is less than the criterion of detection.
  U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.
  V - Analyte was detected in both sample and method blank.
  X - Too few individuals to calculate SCI value.
  Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
  Z - Colonies were too numerous to count (TNTC).

Appendix B. Chain of Custody

Request Number: RQ-2025-01-13-20

NED FYI3 WestRock - Fernandina Beach Mill (FL0001104) IW

Customer: NE-DIST

Project ID: FYI3

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Page 1 of 4

last revised Jan 25, 2018

Requester: Benjamin Nomann

Field Report Prepared By: Conor Lucey

Collected By: Conor Lucey

Sampling Agency: FDEP NED

Location: Westrock Fernandina
Composite Sampler EQ Blanks
Bottle Group D
30.68181930 x -81.45087430

Field ID:

WIN/ST:

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 4/24/2025 Time 11:10 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): D

Matrix (type, e.g., Salt, Fresh, etc): DI water | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments: Taken from facilities back up auto sampler

Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Conor Lucey	4/24/2025 12:00	FedEx	1	Cmp	4-25-25 / 9:45

Request Number: RQ-2025-01-13-20

NED FYI3 WestRock - Fernandina Beach Mill (FL0001104) IW

Customer: NE-DIST

Project ID: FYI3

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 25, 2018

Requester: Benjamin Nomann

Collected By: Conor Lucas Chris Gilliam Connor Parker Lyahya Farah

Field Report Prepared By: Conor Lucas

Sampling Agency: FDEP

Location: Westrock Fernandina (FL0001104) Effluent Grab Bottle Group A 30.68181930 x -81.45087430	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/28/2025 Time 11:31	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2) A					
Field ID / WIN/STORI	Matrix (type, e.g., Salt, Fresh, etc) WW		Diss. Oxygen 7.0	☑ mg/L ☑ % sat	Total Res. Chlorine (mg/L) 101.9%						
	Temp (C) 35.1	pH 6.35	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm) 3193							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments								
Location: Westrock Fernandina (FL0001104) Effluent Composite Bottle Group B 30.68181930 x -81.45087430	☒ Comp ☐ Grab	Collection (comp begin or grab) Date 4/28/2025 Time 10:30	Eastern Central	Composite end Date 4/28/2025 Time 10:30		Bottle Group(s) B					
Field ID / WIN/STORE	Matrix (type, e.g., Salt, Fresh, etc) WW		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)						
	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments Pours from facilities autoSampler								
Location: Westrock Fernandina (FL0001104) Field Blanks Bottle Group C 30.68181930 x -81.45087430	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 4/28/2025 Time 11:55	Eastern Central	Composite end Date	Time	Bottle Group(s) C					
Field ID / WIN/STORI	Matrix (type, e.g., Salt, Fresh, etc) DI		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)						
	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments								
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date	Time	Bottle Group(s)					
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)						
WIN/STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)							
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Conor Lucas	4/29/2025 10am	fedex	4	Amzad Shaik	04/29/2025 8:45

Request Number: RQ-2025-01-13-20

NED FY13 WestRock - Fernandina Beach Mill (FL0001104) IW

Customer: NE-DIST

Project ID: FY13

Florida Department of Environmental Protection

Central Laboratory Submittal Form

last revised Jan 25, 2018

Requester: Benjamin Nomann

Field Report Prepared By: Conor Lucey

Collected By: Conor Lucey, Anh Nguyen, Chris Williams, Jenny Farah

Sampling Agency: FDEP

Lc

Westrock Fernandina (FL0001104)
Effluent comp
Bottle Group B
30.68181930 x -81.45087430

Fi

W

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 4/29/2025 Time 10:00 am ☐ Eastern ☐ Central | Composite end Date 4/30/2025 Time 10:00 am | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): WW | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments: Poured @ 10:50 am from facilities into sampler

Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

Location | ☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Conor Lucey	4/30/2025 12:00	FedEX	1	BD	05/01/2025 9:13

Request Number: RQ-2025-01-13-20

NED FYI3 WestRock - Fernandina Beach Mill (FL0001104) IW

Customer: NE-DIST

Project ID: FYI3

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Requester: Benjamin Nomann

Field Report Prepared By: Conor Lucey

Collected By: Conor Lucey, Yanyen Farah

Sampling Agency: FDEP NED

Location: Westrock Fernandina (FL0001104) Effluent comp Bottle Group B 30.68181930 x -81.45087430	☐ Comp ☐ Grab	Collection (comp begin or grab) Date 5/01/2025 Time 9:00	Eastern Central	Composite end Date 5/02/2025 Time 9:00	Bottle Group(s) (See pg 2): B				
Field ID:	Matrix (type, e.g., Salt, Fresh, etc): WW		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
WIN/STORE:	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments: Pared @ 10:40 from Plastics and to Sump Pit						
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)				
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
WIN/STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments						
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)				
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
WIN/STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments						
Location	☐ Comp ☐ Grab	Collection (comp begin or grab) Date Time	Eastern Central	Composite end Date Time	Bottle Group(s)				
Field ID	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)				
WIN/STORET #	Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)				
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Conor Lucey	5/02/2025 9:00	FedEX	1	MH	5-3-25 / 1030

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
TASK ASSIGNMENT/NOTIFICATION FORM: LAB145

Contract Manager: Linda Allen/Devan Cobb
2600 Blair Stone Rd., MS 6512
Tallahassee, FL 32399-2400
(850)-245-8084 / (850) 245-8078

Contractor: Eurofins Environmental Testing Southeast, LLC
5102 LaRoche Ave
Savannah, GA 31404
ATTN: Noel Savoie

670-61536 Chain of Custody

DEP Approval By: Devan R. Cobb-Williams Contractor Approval By: Noel Savoie
Project Manager

Contractor Representatives Contacted: Noel Savoie

Date: 12/20/2024
Means of Contact: Email

Task Assignment Number: OV640 Maximum Cost: **$83.00** Turnaround Time: 5 BD

Sample Delivery Date: 1/28/2025

Project Name/Description:
RQ-2025-01-13-20;NED FY13 WestRock - Fernandina Beach Mill (FL0001104) IW

Deliverable Number/ Parameter Group/ Method	**Sample Matrix**	**# of Samples**	**# of Containers**	**DEP ID #**	**Unit Cost**	**% Mark-up (if any)**	**Cost**
Quote/OV-CBOD-IN CBOD, nitrogen-inhibited 5210B-2011	W	1	1		$39.00		$39.00
Quote/OV-BOD-UN BOD, NOT nitrogen-inhibited 5210B-2011	W	1	1		$39.00		$39.00
217/Sample Disposal Fee:	2				$2.50		$5.00
Total Number of Containers Shipped:		2				**Total:**	**$83.00**

QC Instructions:

Comments: Quote #

Samples released to Contract Lab by: Cooler Crew Date/Time: 1/28/2025 1:00pm

Delivery Method: FedEx Shipping 4306 6735 3644

Samples Accepted by: SC Date First 1.4°C/12°C SR Date/Time 01/29/25, 0930

* **Please sign and return by email to** Linda.S.Allen@FloridaDEP.gov and Devan.R.Cobb@dep.state.fl.us

Page 14 of 17

5/12/2025

640-Tallahassee

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
TASK ASSIGNMENT/NOTIFICATION FORM: LAB145

Contract Manager: Linda Allen/Devan Cobb (850)-245-8084 / (850) 245-8078
2600 Blair Stone Rd., MS 6512
Tallahassee, FL 32399-2400

640-Tallahassee

Contractor: Eurofins Environmental Testing Southeast, LLC
5102 LaRoche Ave
Savannah, GA 31404
ATTN: Noel Savoie

DEP Approval By: Devan R. Cobb-Williams Contractor Approval By: Noël Savoie
Project Manager

Contractor Representatives Contacted: Noel Savoie

Date: 5/1/2025
Means of Contact: Email

400-275172 Chain of Custody

Task Assignment Number: OV680 Maximum Cost: **$332.00** Turnaround Time: 10 BD

Sample Delivery Date: 5/1/2025

Project Name/Description:
RQ-2025-01-13-20;NE-DIST-2025-04-29-01;NED FYI3 WestRock - Fernandina Beach Mill;TLH-2025-04-29-06

Deliverable Number/ Parameter Group/ Method	**Sample Matrix**	**# of Samples**	**# of Containers**	**DEP ID #**	**Unit Cost**	**% Mark-up (if any)**	**Cost**
173/HEM-Oil and Grease 1664B	W	2	8	2557894, 2557897	$56.00		$112.00
65/mercury, Low Level (LL CVAFS)1631E	W	2	8 vials	2557892, 2557895	$105.00		$210.00
217/Sample Disposal Fee:	4				$2.50		$10.00
Total Number of Containers Shipped:		16				**Total:**	**$332.00**

QC Instructions:

Comments:

Samples released to Contract Lab by: _____ Date/Time: 5-1-25 / 13:45

Delivery Method: _____HD_____

Samples Accepted by: Noël Savoie Date/Time 5-1-2025 1345
Relinq. 5-1-25 1600

* **Please sign and return by email to** Linda.S.Allen@FloridaDEP.gov and Devan.R.Cobb@dep.state.fl.us

VB 5-2-25 0.0°C/IR8
10:10

Appendix C. Chemical Analysis of Effluent

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 10:30	Effluent Composite	Overflow	Biochemical Oxygen Demand	3.0 J	mg/L	2.0	2.0
4/28/2025 10:30	Effluent Composite	Toxicology	Bioassay-Chron-Def-SW-Fish, IC25	100 L	IC25		
4/28/2025 10:30	Effluent Composite	Toxicology	Bioassay-Chron-Def-SW-Fish, NOEC	100	NOEC		
4/28/2025 10:30	Effluent Composite	Toxicology	Bioassay-Chron-Def-SW-Mysid, NOEC	No Result	NOEC		
4/28/2025 10:30	Effluent Composite	Toxicology	Bioassay-Chron-Def-SW-Mysid, IC25	No Result	IC25		
4/28/2025 10:30	Effluent Composite	Nutrients	Total-P	0.82	mg P/L	0.010	0.050
4/28/2025 10:30	Effluent Composite	Nutrients	NO2NO3-N	0.61	mg N/L	0.020	0.050
4/28/2025 10:30	Effluent Composite	Nutrients	TSS	9 I	mg/L	2.0	10
4/28/2025 10:30	Effluent Composite	Nutrients	Kjeldahl Nitrogen	6.8	mg N/L	0.40	1.0
4/28/2025 11:31	Effluent Grab	AGP/LN	Algal Growth Potential-Salinity Adjusted	41.5 A	mg DryWt/L		
4/28/2025 11:31	Effluent Grab	Chlorophyll/Grain Size/BOD	Chlorophyll-a, Corrected	1.4 I	µg/L	1.0	3.1
4/28/2025 11:31	Effluent Grab	Chlorophyll/Grain Size/BOD	Chlorophyll-a, Uncorrected	0.71 I	µg/L	0.61	1.8
4/28/2025 11:31	Effluent Grab	Chlorophyll/Grain Size/BOD	Phaeophytin-a	1.3 U	µg/L	1.3	3.8
4/28/2025 11:31	Effluent Grab	Overflow	Carbonaceous Biochemical Oxygen Demand	2.2 J	mg/L	2.0	2.0
4/28/2025 11:31	Effluent Grab	Metals	Lead	0.20 U	µg/L	0.20	0.40
4/28/2025 11:31	Effluent Grab	Metals	Magnesium	42.6	mg/L	0.040	0.16
4/28/2025 11:31	Effluent Grab	Metals	Sodium	552	mg/L	2.0	8.0
4/28/2025 11:31	Effluent Grab	Metals	Nickel	2.0	µg/L	0.50	2.0
4/28/2025 11:31	Effluent Grab	Metals	Copper	0.40 U	µg/L	0.40	0.80
4/28/2025 11:31	Effluent Grab	Metals	Arsenic	0.45	µg/L	0.050	0.20
4/28/2025 11:31	Effluent Grab	Metals	Potassium	20.7	mg/L	1.2	4.8
4/28/2025 11:31	Effluent Grab	Metals	Iron	88 I	µg/L	30	120
4/28/2025 11:31	Effluent Grab	Metals	Calcium	93.1	mg/L	0.075	0.30
4/28/2025 11:31	Effluent Grab	Metals	Silver	0.010 U	µg/L	0.010	0.040
4/28/2025 11:31	Effluent Grab	Metals	Selenium	0.20 U	µg/L	0.20	0.80
4/28/2025 11:31	Effluent Grab	Metals	Aluminum	210	µg/L	5.0	20
4/28/2025 11:31	Effluent Grab	Metals	Zinc	20	µg/L	5.0	20
4/28/2025 11:31	Effluent Grab	Metals	Cadmium	0.024 I	µg/L	0.020	0.080
4/28/2025 11:31	Effluent Grab	Metals	Chromium	1.4 I	µg/L	0.40	1.6
4/28/2025 11:31	Effluent Grab	Nutrients	NO2NO3-N	0.80	mg N/L	0.020	0.050
4/28/2025 11:31	Effluent Grab	Nutrients	Color (true)	60	PCU	2.5	6.0

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:31	Effluent Grab	Nutrients	Turbidity	7.6	NTU	0.10	1.0
4/28/2025 11:31	Effluent Grab	Nutrients	Chloride	170	mg Cl/L	4.0	10
4/28/2025 11:31	Effluent Grab	Nutrients	Organic Carbon	21	mg C/L	0.50	1.0
4/28/2025 11:31	Effluent Grab	Nutrients	Kjeldahl Nitrogen	9.2	mg N/L	0.40	1.0
4/28/2025 11:31	Effluent Grab	Nutrients	Sulfate	1.1E+03	mg SO4/L	4.0	10
4/28/2025 11:31	Effluent Grab	Nutrients	O-Phosphate-P	0.82	mg P/L	0.040	0.10
4/28/2025 11:31	Effluent Grab	Nutrients	TSS	11	mg/L	2.0	10
4/28/2025 11:31	Effluent Grab	Nutrients	Total-P	1.2	mg P/L	0.050	0.25
4/28/2025 11:31	Effluent Grab	Nutrients	Ammonia-N	7.8	mg N/L	0.20	0.50
4/28/2025 11:31	Effluent Grab	Nutrients	Total Alkalinity	211 A	mg CaCO3/L	0.65	2.5
4/28/2025 11:31	Effluent Grab	Nutrients	Fluoride	0.56	mg F/L	0.025	0.10
4/28/2025 11:31	Effluent Grab	Overflow	HEM	1.4 U	mg/L	1.4	4.0
4/28/2025 11:31	Effluent Grab	Overflow	Mercury	0.35 I	ng/L	0.20	0.50
4/28/2025 11:31	Effluent Grab	Overflow	MBAS	0.22	mg/l LAS	0.067	0.10
4/28/2025 11:31	Effluent Grab	Pesticides	Carfentrazone Ethyl	0.15 U	ng/L	0.15	0.77
4/28/2025 11:31	Effluent Grab	Pesticides	Cyprodinil	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Fipronil Sulfide	0.17 I	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Terbuthylazine	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Molinate	0.26 U	ng/L	0.26	1.3
4/28/2025 11:31	Effluent Grab	Pesticides	Myclobutanil	0.36 UJ	ng/L	0.36	1.8
4/28/2025 11:31	Effluent Grab	Pesticides	Parathion Ethyl	0.15 U	ng/L	0.15	0.77
4/28/2025 11:31	Effluent Grab	Pesticides	Prometryn	0.36 U	ng/L	0.36	1.8
4/28/2025 11:31	Effluent Grab	Pesticides	Propargite	0.82 U	ng/L	0.82	4.1
4/28/2025 11:31	Effluent Grab	Pesticides	Fludioxonil	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Acetochlor	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Alachlor	0.41 U	ng/L	0.41	2.1
4/28/2025 11:31	Effluent Grab	Pesticides	Azinphos Methyl	3.1 U	ng/L	3.1	15
4/28/2025 11:31	Effluent Grab	Pesticides	Triadimefon	0.15 U	ng/L	0.15	0.77
4/28/2025 11:31	Effluent Grab	Pesticides	Tebuconazole	1.4 U	ng/L	1.4	7.2
4/28/2025 11:31	Effluent Grab	Pesticides	Metalaxyl	0.51 U	ng/L	0.51	2.6
4/28/2025 11:31	Effluent Grab	Pesticides	Metolachlor	0.77 U	ng/L	0.77	3.9
4/28/2025 11:31	Effluent Grab	Pesticides	Bromacil	0.62 U	ng/L	0.62	3.1
4/28/2025 11:31	Effluent Grab	Pesticides	Chlorfenapyr	0.31 U	ng/L	0.31	1.5
4/28/2025 11:31	Effluent Grab	Pesticides	Diazinon	0.13 U	ng/L	0.13	0.64

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:31	Effluent Grab	Pesticides	Difenoconazole	0.62 U	ng/L	0.62	3.1
4/28/2025 11:31	Effluent Grab	Pesticides	EPTC	0.51 U	ng/L	0.51	2.6
4/28/2025 11:31	Effluent Grab	Pesticides	Ethion	0.31 U	ng/L	0.31	1.5
4/28/2025 11:31	Effluent Grab	Pesticides	Etridiazole	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Fenamiphos	0.46 U	ng/L	0.46	2.3
4/28/2025 11:31	Effluent Grab	Pesticides	Parathion Methyl	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Pronamide	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Ametryn	1.1 U	ng/L	1.1	5.7
4/28/2025 11:31	Effluent Grab	Pesticides	Chlorpyrifos Ethyl	0.31 U	ng/L	0.31	1.5
4/28/2025 11:31	Effluent Grab	Pesticides	Coumaphos	1.1 U	ng/L	1.1	5.7
4/28/2025 11:31	Effluent Grab	Pesticides	Demeton	3.6 U	ng/L	3.6	18
4/28/2025 11:31	Effluent Grab	Pesticides	Dimethomorph	0.67 U	ng/L	0.67	3.3
4/28/2025 11:31	Effluent Grab	Pesticides	Mevinphos	1.0 U	ng/L	1.0	5.1
4/28/2025 11:31	Effluent Grab	Pesticides	Pendimethalin	1.7 U	ng/L	1.7	8.7
4/28/2025 11:31	Effluent Grab	Pesticides	Phorate	0.26 U	ng/L	0.26	1.3
4/28/2025 11:31	Effluent Grab	Pesticides	Propanil	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Flutolanil	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Fluxapyroxad	0.26 U	ng/L	0.26	1.3
4/28/2025 11:31	Effluent Grab	Pesticides	Imazalil	0.67 U	ng/L	0.67	3.3
4/28/2025 11:31	Effluent Grab	Pesticides	Atrazine	8.0	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Azoxystrobin	4.9 J	ng/L	0.41	2.1
4/28/2025 11:31	Effluent Grab	Pesticides	Ethoprop	0.13 U	ng/L	0.13	0.64
4/28/2025 11:31	Effluent Grab	Pesticides	Fipronil	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Thiobencarb	0.51 U	ng/L	0.51	2.6
4/28/2025 11:31	Effluent Grab	Pesticides	Naled	2.6 U	ng/L	2.6	13
4/28/2025 11:31	Effluent Grab	Pesticides	Norflurazon	1.0 UJ	ng/L	1.0	5.1
4/28/2025 11:31	Effluent Grab	Pesticides	Pyridaben	1.4 U	ng/L	1.4	7.2
4/28/2025 11:31	Effluent Grab	Pesticides	Simazine	0.26 U	ng/L	0.26	1.3
4/28/2025 11:31	Effluent Grab	Pesticides	Terbufos	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Fluazifop-P-butyl	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Malathion	0.36 U	ng/L	0.36	1.8
4/28/2025 11:31	Effluent Grab	Pesticides	Metribuzin	0.41 U	ng/L	0.41	2.1
4/28/2025 11:31	Effluent Grab	Pesticides	Cyanazine	5.1 U	ng/L	5.1	26
4/28/2025 11:31	Effluent Grab	Pesticides	Dimethenamid	0.10 U	ng/L	0.10	0.51

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:31	Effluent Grab	Pesticides	Dithiopyr	2.1 U	ng/L	2.1	10
4/28/2025 11:31	Effluent Grab	Pesticides	Fenbuconazole	0.51 U	ng/L	0.51	2.6
4/28/2025 11:31	Effluent Grab	Pesticides	Napropamide	0.72 U	ng/L	0.72	3.6
4/28/2025 11:31	Effluent Grab	Pesticides	Oxadiazon	0.36 U	ng/L	0.36	1.8
4/28/2025 11:31	Effluent Grab	Pesticides	Flumioxazin	3.1 U	ng/L	3.1	15
4/28/2025 11:31	Effluent Grab	Pesticides	Hexazinone	0.51 U	ng/L	0.51	2.6
4/28/2025 11:31	Effluent Grab	Pesticides	Loratadine	0.31 U	ng/L	0.31	1.5
4/28/2025 11:31	Effluent Grab	Pesticides	Atrazine Desethyl	1.3 U	ng/L	1.3	6.7
4/28/2025 11:31	Effluent Grab	Pesticides	Caffeine	310	ng/L	7.7	39
4/28/2025 11:31	Effluent Grab	Pesticides	Carbophenothion	0.51 UJ	ng/L	0.51	2.6
4/28/2025 11:31	Effluent Grab	Pesticides	Chlorpyrifos Methyl	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Fipronil Desulfinyl	0.10 U	ng/L	0.10	0.51
4/28/2025 11:31	Effluent Grab	Pesticides	Phenytoin	5.5 U	ng/L	5.5	27
4/28/2025 11:31	Effluent Grab	Pesticides	Prodiamine	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Pesticides	Prometon	3.1 U	ng/L	3.1	15
4/28/2025 11:31	Effluent Grab	Pesticides	Propiconazole	0.62 UJ	ng/L	0.62	3.1
4/28/2025 11:31	Effluent Grab	Pesticides	Pyraflufen Ethyl	0.31 UJ	ng/L	0.31	1.5
4/28/2025 11:31	Effluent Grab	Pesticides	Pyriproxyfen	0.26 U	ng/L	0.26	1.6
4/28/2025 11:31	Effluent Grab	Pesticides	Stirophos	0.41 U	ng/L	0.41	3.3
4/28/2025 11:31	Effluent Grab	Pesticides	Sulfentrazone	1.4 U	ng/L	1.4	7.2
4/28/2025 11:31	Effluent Grab	Pesticides	Fonofos	0.15 U	ng/L	0.15	0.77
4/28/2025 11:31	Effluent Grab	Pesticides	Iprodione	0.51 U	ng/L	0.51	2.6
4/28/2025 11:31	Effluent Grab	Pesticides	Butylate	0.46 U	ng/L	0.46	2.3
4/28/2025 11:31	Effluent Grab	Pesticides	Disulfoton	0.62 U	ng/L	0.62	3.1
4/28/2025 11:31	Effluent Grab	Pesticides	Fipronil Sulfone	0.26 U	ng/L	0.26	1.3
4/28/2025 11:31	Effluent Grab	Pesticides	Oxyfluorfen	0.21 U	ng/L	0.21	1.0
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2,4-Dichlorophenol	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	3,3'-Dichlorobenzidine	10 UJ	µg/L	10	41
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Pentachlorophenol	0.51 U	µg/L	0.51	2.0
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Indeno(1,2,3-cd)pyrene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Chrysene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Bis(2-ethylhexyl)phthalate	5.1 U	µg/L	5.1	20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2,4-Dinitrophenol	10 UJ	µg/L	10	41
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2-Nitrophenol	0.051 U	µg/L	0.051	0.20

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Dibenzo(a,h)anthracene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	N-Nitrosodi-n-propylamine	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2-Chloronaphthalene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Anthracene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Benzo(k)fluoranthene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Nitrobenzene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Phenol	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2-Chlorophenol	0.051 UJ	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Benzo(a)anthracene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Benzo(a)pyrene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Bis(2-chloroethoxy)methane	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Hexachlorobutadiene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2,4-Dimethylphenol	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2,4,6-Trichlorophenol	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2,6-Dinitrotoluene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	4-Chlorophenyl phenyl ether	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Benzo(g,h,i)perylene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Fluoranthene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	4-Bromophenyl phenyl ether	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Acenaphthene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Benzo(b)fluoranthene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Butyl benzyl phthalate	1.0 U	µg/L	1.0	4.1
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Isophorone	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	N-Nitrosodimethylamine	2.0 UJ	µg/L	2.0	8.2
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	4-Nitrophenol	10 UJ	µg/L	10	41
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Acenaphthylene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Benzidine	10 U	µg/L	10	41
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Bis(2-chloroethyl)ether	0.051 UJ	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Bis(2-chloroisopropyl)ether	0.051 UJ	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Di-n-octyl phthalate	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Fluorene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Hexachlorobenzene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Hexachlorocyclopentadiene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Pyrene	0.10 U	µg/L	0.10	0.41

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2,4-Dinitrotoluene	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	4-Chloro-3-methylphenol	0.051 U	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Di-n-butyl phthalate	2.0 U	µg/L	2.0	8.2
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Diethyl phthalate	2.0 U	µg/L	2.0	8.2
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Dimethyl phthalate	0.20 U	µg/L	0.20	0.82
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Hexachloroethane	0.051 UJ	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Naphthalene	0.10 U	µg/L	0.10	0.41
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	Phenanthrene	0.10 U	µg/L	0.10	0.41
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	1,2,4-Trichlorobenzene	0.051 UJ	µg/L	0.051	0.20
4/28/2025 11:31	Effluent Grab	Priority Organic Pollutants	2-Methyl-4,6-dinitrophenol	3.1 U	µg/L	3.1	12
4/28/2025 11:31	Effluent Grab	Nutrients	Dissolved Oxygen mg/L	7.0	mg/L		
4/28/2025 11:31	Effluent Grab	Nutrients	Temperature	35.1	C		
4/28/2025 11:31	Effluent Grab	Nutrients	pH	6.35	SU		
4/28/2025 11:31	Effluent Grab	Nutrients	Specific Conductance	3193	µmhos/cm		
4/28/2025 11:55	Field Blank	Metals	Calcium	0.075 U	mg/L	0.075	0.30
4/28/2025 11:55	Field Blank	Metals	Selenium	0.20 U	µg/L	0.20	0.80
4/28/2025 11:55	Field Blank	Metals	Sodium	0.50 U	mg/L	0.50	2.0
4/28/2025 11:55	Field Blank	Metals	Cadmium	0.020 U	µg/L	0.020	0.080
4/28/2025 11:55	Field Blank	Metals	Zinc	5.0 U	µg/L	5.0	20
4/28/2025 11:55	Field Blank	Metals	Potassium	0.30 U	mg/L	0.30	1.2
4/28/2025 11:55	Field Blank	Metals	Magnesium	0.040 U	mg/L	0.040	0.16
4/28/2025 11:55	Field Blank	Metals	Silver	0.010 U	µg/L	0.010	0.040
4/28/2025 11:55	Field Blank	Metals	Nickel	0.50 U	µg/L	0.50	2.0
4/28/2025 11:55	Field Blank	Metals	Copper	0.40 U	µg/L	0.40	0.80
4/28/2025 11:55	Field Blank	Metals	Chromium	0.40 U	µg/L	0.40	1.6
4/28/2025 11:55	Field Blank	Metals	Arsenic	0.050 U	µg/L	0.050	0.20
4/28/2025 11:55	Field Blank	Metals	Aluminum	5.0 U	µg/L	5.0	20
4/28/2025 11:55	Field Blank	Metals	Iron	30 U	µg/L	30	120
4/28/2025 11:55	Field Blank	Metals	Lead	0.20 U	µg/L	0.20	0.40
4/28/2025 11:55	Field Blank	Nutrients	O-Phosphate-P	0.004 U	mg P/L	0.0040	0.010
4/28/2025 11:55	Field Blank	Nutrients	Organic Carbon	0.50 U	mg C/L	0.50	1.0
4/28/2025 11:55	Field Blank	Nutrients	Color (true)	2.5 U	PCU	2.5	6.0
4/28/2025 11:55	Field Blank	Nutrients	NO2NO3-N	0.004 U	mg N/L	0.0040	0.010
4/28/2025 11:55	Field Blank	Nutrients	Turbidity	0.10 U	NTU	0.10	1.0

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:55	Field Blank	Nutrients	Total-P	0.002 U	mg P/L	0.0020	0.0050
4/28/2025 11:55	Field Blank	Nutrients	Fluoride	0.025 U	mg F/L	0.025	0.10
4/28/2025 11:55	Field Blank	Nutrients	Sulfate	0.20 U	mg SO4/L	0.20	0.50
4/28/2025 11:55	Field Blank	Nutrients	Total Alkalinity	0.65 U	mg CaCO3/L	0.65	2.5
4/28/2025 11:55	Field Blank	Nutrients	Ammonia-N	0.002 U	mg N/L	0.0020	0.0050
4/28/2025 11:55	Field Blank	Nutrients	Chloride	0.20 U	mg Cl/L	0.20	0.50
4/28/2025 11:55	Field Blank	Nutrients	Kjeldahl Nitrogen	0.080 U	mg N/L	0.080	0.20
4/28/2025 11:55	Field Blank	Overflow	HEM	1.5 U	mg/L	1.5	4.2
4/28/2025 11:55	Field Blank	Overflow	MBAS	0.067 U	mg/l LAS	0.067	0.10
4/28/2025 11:55	Field Blank	Overflow	Mercury	0.20 U	ng/L	0.20	0.50
4/28/2025 11:55	Field Blank	Pesticides	Carbophenothion	0.53 UJ	ng/L	0.53	2.6
4/28/2025 11:55	Field Blank	Pesticides	Coumaphos	1.1 U	ng/L	1.1	5.8
4/28/2025 11:55	Field Blank	Pesticides	Fluazifop-P-butyl	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Myclobutanil	0.37 UJ	ng/L	0.37	1.8
4/28/2025 11:55	Field Blank	Pesticides	Simazine	0.26 U	ng/L	0.26	1.3
4/28/2025 11:55	Field Blank	Pesticides	Chlorpyrifos Methyl	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Dimethomorph	0.69 U	ng/L	0.69	3.4
4/28/2025 11:55	Field Blank	Pesticides	Flumioxazin	3.2 U	ng/L	3.2	16
4/28/2025 11:55	Field Blank	Pesticides	Parathion Ethyl	0.16 U	ng/L	0.16	0.79
4/28/2025 11:55	Field Blank	Pesticides	Prometryn	0.37 U	ng/L	0.37	1.8
4/28/2025 11:55	Field Blank	Pesticides	Stirophos	0.42 U	ng/L	0.42	3.4
4/28/2025 11:55	Field Blank	Pesticides	Bromacil	0.63 U	ng/L	0.63	3.2
4/28/2025 11:55	Field Blank	Pesticides	Carfentrazone Ethyl	0.16 U	ng/L	0.16	0.79
4/28/2025 11:55	Field Blank	Pesticides	Chlorfenapyr	0.32 U	ng/L	0.32	1.6
4/28/2025 11:55	Field Blank	Pesticides	EPTC	0.53 U	ng/L	0.53	2.6
4/28/2025 11:55	Field Blank	Pesticides	Ethion	0.32 U	ng/L	0.32	1.6
4/28/2025 11:55	Field Blank	Pesticides	Fenbuconazole	0.53 U	ng/L	0.53	2.6
4/28/2025 11:55	Field Blank	Pesticides	Fipronil Sulfone	0.26 U	ng/L	0.26	1.3
4/28/2025 11:55	Field Blank	Pesticides	Flutolanil	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Mevinphos	1.1 U	ng/L	1.1	5.3
4/28/2025 11:55	Field Blank	Pesticides	Molinate	0.26 U	ng/L	0.26	1.3
4/28/2025 11:55	Field Blank	Pesticides	Napropamide	0.74 U	ng/L	0.74	3.7
4/28/2025 11:55	Field Blank	Pesticides	Oxadiazon	0.37 U	ng/L	0.37	1.8
4/28/2025 11:55	Field Blank	Pesticides	Oxyfluorfen	0.21 U	ng/L	0.21	1.1

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:55	Field Blank	Pesticides	Propiconazole	0.63 UJ	ng/L	0.63	3.2
4/28/2025 11:55	Field Blank	Pesticides	Pyraflufen Ethyl	0.32 UJ	ng/L	0.32	1.6
4/28/2025 11:55	Field Blank	Pesticides	Azoxystrobin	0.42 U	ng/L	0.42	2.1
4/28/2025 11:55	Field Blank	Pesticides	Cyprodinil	0.21 U	ng/L	0.21	1.1
4/28/2025 11:55	Field Blank	Pesticides	Dimethenamid	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Ethoprop	0.13 U	ng/L	0.13	0.66
4/28/2025 11:55	Field Blank	Pesticides	Etridiazole	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Fonofos	0.16 U	ng/L	0.16	0.79
4/28/2025 11:55	Field Blank	Pesticides	Hexazinone	0.53 U	ng/L	0.53	2.6
4/28/2025 11:55	Field Blank	Pesticides	Imazalil	0.69 U	ng/L	0.69	3.4
4/28/2025 11:55	Field Blank	Pesticides	Loratadine	0.32 U	ng/L	0.32	1.6
4/28/2025 11:55	Field Blank	Pesticides	Parathion Methyl	0.21 U	ng/L	0.21	1.1
4/28/2025 11:55	Field Blank	Pesticides	Phenytoin	5.6 U	ng/L	5.6	28
4/28/2025 11:55	Field Blank	Pesticides	Triadimefon	0.16 U	ng/L	0.16	0.79
4/28/2025 11:55	Field Blank	Pesticides	Acetochlor	0.21 U	ng/L	0.21	1.1
4/28/2025 11:55	Field Blank	Pesticides	Demeton	3.7 U	ng/L	3.7	18
4/28/2025 11:55	Field Blank	Pesticides	Diazinon	0.13 U	ng/L	0.13	0.66
4/28/2025 11:55	Field Blank	Pesticides	Disulfoton	0.63 U	ng/L	0.63	3.2
4/28/2025 11:55	Field Blank	Pesticides	Fenamiphos	0.47 U	ng/L	0.47	2.4
4/28/2025 11:55	Field Blank	Pesticides	Fludioxonil	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Naled	2.6 U	ng/L	2.6	13
4/28/2025 11:55	Field Blank	Pesticides	Pendimethalin	1.8 U	ng/L	1.8	9.0
4/28/2025 11:55	Field Blank	Pesticides	Prometon	3.2 U	ng/L	3.2	16
4/28/2025 11:55	Field Blank	Pesticides	Pyridaben	1.5 U	ng/L	1.5	7.4
4/28/2025 11:55	Field Blank	Pesticides	Sulfentrazone	1.5 U	ng/L	1.5	7.4
4/28/2025 11:55	Field Blank	Pesticides	Terbuthylazine	0.21 U	ng/L	0.21	1.1
4/28/2025 11:55	Field Blank	Pesticides	Alachlor	0.42 U	ng/L	0.42	2.1
4/28/2025 11:55	Field Blank	Pesticides	Ametryn	1.2 U	ng/L	1.2	5.8
4/28/2025 11:55	Field Blank	Pesticides	Atrazine	0.21 U	ng/L	0.21	1.1
4/28/2025 11:55	Field Blank	Pesticides	Butylate	0.47 U	ng/L	0.47	2.4
4/28/2025 11:55	Field Blank	Pesticides	Caffeine	7.9 U	ng/L	7.9	40
4/28/2025 11:55	Field Blank	Pesticides	Chlorpyrifos Ethyl	0.32 U	ng/L	0.32	1.6
4/28/2025 11:55	Field Blank	Pesticides	Cyanazine	5.3 U	ng/L	5.3	26
4/28/2025 11:55	Field Blank	Pesticides	Fipronil	0.21 U	ng/L	0.21	1.1

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4/28/2025 11:55	Field Blank	Pesticides	Fluxapyroxad	0.26 U	ng/L	0.26	1.3
4/28/2025 11:55	Field Blank	Pesticides	Malathion	0.37 U	ng/L	0.37	1.8
4/28/2025 11:55	Field Blank	Pesticides	Metalaxyl	0.53 U	ng/L	0.53	2.6
4/28/2025 11:55	Field Blank	Pesticides	Phorate	0.26 U	ng/L	0.26	1.3
4/28/2025 11:55	Field Blank	Pesticides	Propargite	0.84 U	ng/L	0.84	4.2
4/28/2025 11:55	Field Blank	Pesticides	Pyriproxyfen	0.26 U	ng/L	0.26	1.7
4/28/2025 11:55	Field Blank	Pesticides	Terbufos	0.21 U	ng/L	0.21	1.1
4/28/2025 11:55	Field Blank	Pesticides	Difenoconazole	0.63 U	ng/L	0.63	3.2
4/28/2025 11:55	Field Blank	Pesticides	Dithiopyr	2.1 U	ng/L	2.1	11
4/28/2025 11:55	Field Blank	Pesticides	Prodiamine	0.21 U	ng/L	0.21	1.1
4/28/2025 11:55	Field Blank	Pesticides	Pronamide	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Propanil	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Tebuconazole	1.5 U	ng/L	1.5	7.4
4/28/2025 11:55	Field Blank	Pesticides	Atrazine Desethyl	1.4 U	ng/L	1.4	6.9
4/28/2025 11:55	Field Blank	Pesticides	Azinphos Methyl	3.2 U	ng/L	3.2	16
4/28/2025 11:55	Field Blank	Pesticides	Fipronil Desulfinyl	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Fipronil Sulfide	0.11 U	ng/L	0.11	0.53
4/28/2025 11:55	Field Blank	Pesticides	Iprodione	0.53 U	ng/L	0.53	2.6
4/28/2025 11:55	Field Blank	Pesticides	Metolachlor	0.79 U	ng/L	0.79	4.0
4/28/2025 11:55	Field Blank	Pesticides	Metribuzin	0.42 U	ng/L	0.42	2.1
4/28/2025 11:55	Field Blank	Pesticides	Norflurazon	1.1 UJ	ng/L	1.1	5.3
4/28/2025 11:55	Field Blank	Pesticides	Thiobencarb	0.53 U	ng/L	0.53	2.6
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Acenaphthylene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	N-Nitrosodimethylamine	2.1 U	µg/L	2.1	8.4
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Butyl benzyl phthalate	1.0 U	µg/L	1.0	4.2
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Acenaphthene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	4-Nitrophenol	10 UJ	µg/L	10	42
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	4-Bromophenyl phenyl ether	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2,4-Dinitrotoluene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2-Chlorophenol	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Pyrene	0.10 U	µg/L	0.10	0.42
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Diethyl phthalate	2.1 U	µg/L	2.1	8.4
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Fluoranthene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Isophorone	0.052 U	µg/L	0.052	0.21

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2-Chloronaphthalene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2-Nitrophenol	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	3,3'-Dichlorobenzidine	10 U	µg/L	10	42
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Anthracene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Benzo(g,h,i)perylene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Benzo(k)fluoranthene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Hexachlorobenzene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Indeno(1,2,3-cd)pyrene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2-Methyl-4,6-dinitrophenol	3.1 U	µg/L	3.1	13
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	4-Chloro-3-methylphenol	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Benzo(a)pyrene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Chrysene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Dibenzo(a,h)anthracene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Dimethyl phthalate	0.21 U	µg/L	0.21	0.84
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2,4-Dichlorophenol	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Bis(2-chloroethoxy)methane	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Bis(2-chloroethyl)ether	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Di-n-butyl phthalate	2.1 U	µg/L	2.1	8.4
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Di-n-octyl phthalate	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Hexachlorocyclopentadiene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Phenanthrene	0.10 U	µg/L	0.10	0.42
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Phenol	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2,4-Dimethylphenol	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2,4-Dinitrophenol	10 UJ	µg/L	10	42
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2,6-Dinitrotoluene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Bis(2-chloroisopropyl)ether	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Fluorene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	N-Nitrosodi-n-propylamine	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Naphthalene	0.10 U	µg/L	0.10	0.42
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Pentachlorophenol	0.52 U	µg/L	0.52	2.1
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	1,2,4-Trichlorobenzene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	2,4,6-Trichlorophenol	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	4-Chlorophenyl phenyl ether	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Benzidine	10 U	µg/L	10	42

Date_Sampled	Site ID	Analysis Group	Component	Result	Units	MDL	PQL
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Benzo(a)anthracene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Benzo(b)fluoranthene	0.026 U	µg/L	0.026	0.10
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Bis(2-ethylhexyl)phthalate	5.2 U	µg/L	5.2	21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Hexachlorobutadiene	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Hexachloroethane	0.052 U	µg/L	0.052	0.21
4/28/2025 11:55	Field Blank	Priority Organic Pollutants	Nitrobenzene	0.052 U	µg/L	0.052	0.21
4/24/2025 11:10	Equipment Blank	Nutrients	NO2NO3-N	0.005 I	mg N/L	0.0040	0.010
4/24/2025 11:10	Equipment Blank	Nutrients	Total-P	0.005	mg P/L	0.0020	0.0050
4/24/2025 11:10	Equipment Blank	Nutrients	Kjeldahl Nitrogen	0.080 U	mg N/L	0.080	0.20