

Ms. Ann DiDonato
U.S. EPA Region 3
1650 Arch Street
Mail Code 3HS31
Philadelphia, PA 19103

Arcadis U.S., Inc.
1 Harvard Way
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Hillsborough
New Jersey 08844
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Subject:

Quarterly Progress Report: April through June 2023
Precision National Plating Services, Inc.
Clarks Summit, Pennsylvania
Docket No. CERC-03-2012-0031DC

ELECTRONIC MAIL

Dear Ms. DiDonato:

On behalf of Precision National Plating Services, Inc. (Precision), Arcadis U.S., Inc. (Arcadis) is submitting this progress report to summarize the activities completed between April 1, 2023 and June 30, 2023. This progress report is being submitted in accordance with Section 8.7 of the Administrative Settlement Agreement and Order on Consent (AS) for Removal Response Action (Docket No. CERC-03-2012-0031DC).

ENVIRONMENT

Date:
July 12, 2024

Contact:
Lawrence G. Brunt, PE

Phone:
908.526.1000

Email:
Larry.brun@arcadis.com

Our ref:
30134460.04

1. Response actions completed and the actions that have been taken toward achieving compliance with the Settlement Agreement:

General

Precision and Arcadis worked closely with the U.S. Environmental Protection Agency (U.S. EPA) from April through June 2023 to do the following:

- Precision performed semiannual groundwater and seep monitoring in April 2023 as approved in the RAP.
- Precision performed general site maintenance activities.
- Precision also provided the U.S. EPA and PADEP with available sampling information.

Ongoing Administrative Settlement (AS) Activities

Seep Remediation

- Precision continued the operation of the Seep Shed treatment system.

- The influent and effluent of the Seep Shed Treatment System were sampled on April 27, 2023, for hexavalent chromium and total chromium. The midpoints between the resin beds of the system also were sampled. At the time of sampling, the influent pH was 7.02 su and the temperature was 10.° C.
- On April 27, 2023, the flow totalizer reading for the Seep Shed Treatment System was 7,835,006 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on May 11, 2023, for hexavalent chromium and total chromium. The midpoints between the resin beds of the system were also sampled for hexavalent and total chromium. At the time of sampling, the influent pH was 7.00 su and the temperature was 10.4° C.
- On May 11, 2023, the Seep Shed flow totalizer reading was 7,856,766 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on June 16, 2023, for hexavalent chromium and total chromium. The midpoints between the resin beds of the system were also sampled for hexavalent and total chromium. At the time of sampling, the influent pH was 7.01 su and the temperature was 16.1 C.
- On June 16, 2023, the flow totalizer reading for the Seep Shed Treatment System was 7,879,870 gallons.

Lagoon Assessment/Remediation Activities

- Precision continued the operation of the Lagoon Treatment System.
- The influent and system effluent of the Lagoon Treatment System were sampled on April 27, 2023, for hexavalent chromium and TAL metals. The effluent of the lead resin bed was also sampled for hexavalent chromium and total chromium. The pH of the lagoon system influent at the time of sampling was 7.07 su and the temperature was 10.1° C.
- By April 27, 2023, the total volume treated by the Lagoon Treatment System was 40,997,142 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on May 11, 2023, for hexavalent chromium and TAL metals. The effluent of the lead resin bed was also sampled for hexavalent chromium and total chromium. The pH of the lagoon system influent at the time of sampling was 7.06 su and the temperature was 10.9° C.
- By May 11, 2023, the total volume treated by the Lagoon Treatment System was 41,094,554 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on June 16, 2023, for hexavalent chromium and TAL metals. The effluent of the lead resin bed was also

sampled for hexavalent chromium and total chromium. The pH of the lagoon system influent at the time of sampling was 7.07 su and the temperature was 19.7° C.

- By June 16, 2023, the total volume treated by the Lagoon Treatment System was 41,204,457 gallons.

Semiannual Groundwater and Seep Monitoring

- As approved in the RAP, samples were collected from seeps and monitoring wells on and near the Site in April 2023. Samples were analyzed for hexavalent chromium and total chromium. Analytical results were received from TestAmerica Laboratories and validated. Summaries of the data are attached.

Additional Monitoring

- To supplement the semiannual monitoring and monthly treatment system monitoring, samples were collected from the French Drain Sump and Lagoon Sump on April 27, 2023. Samples were also collected from the Trolley Track Seep on April 20, 2023. Samples were analyzed for hexavalent chromium and total chromium. Analytical results were received from TestAmerica Laboratories and validated. Summaries of the data are attached.

2. Description of all data anticipated, and activities scheduled for the next ninety (90) calendar days:

- Operation of the treatment systems will continue at the site.
- Precision will sample the Lagoon and Seep Shed Treatment systems monthly in July, August, and September 2023. Data is anticipated to be received four weeks after each sampling event.
- Semiannual surface water monitoring is scheduled for July 2023

3. Description of any problems encountered or anticipated:

- None.

4. Any actions taken to prevent or mitigate such problems.

- None.

5. A schedule for completion of such actions:

- Containment and treatment of water in the lagoon will continue as needed.
- Operation of the Seep Shed treatment system will continue as needed.

6. Analytical data received during the reporting period:

- Laboratory data for the samples collected during the April semiannual groundwater monitoring event were received from TestAmerica Laboratories and validated. A summary of the data is attached.
- Laboratory data for the samples collected from the Lagoon and French Drain Sumps on April 27, 2023 were received from TestAmerica Laboratories and validated. Summaries of the data are attached.
- Laboratory data for the April 27, 2023 sampling of the Seep Shed Treatment System and the Lagoon Treatment System were received from TestAmerica Laboratories and validated. A summary of the data is attached.

Hexavalent chromium and total chromium were not detected above the laboratory method detection limits in the effluent of the Lagoon Treatment System.

Hexavalent chromium was not detected above the laboratory method detection limit in the effluent of the Seep Shed Treatment System. Total chromium was detected in the effluent at a concentration of 12.5 ug/L, which does not exceed the MCL of 100 ug/L.

- Laboratory data for the May 11, 2023 sampling of the Lagoon and Seep Shed Treatment Systems were received from TestAmerica Laboratories and validated. A summary of the data is attached.

Hexavalent chromium and total chromium were not detected above the laboratory method detection limits in the effluent of the Lagoon Treatment System.

Hexavalent chromium was not detected above the laboratory method detection limit in the effluent of the Seep Shed Treatment System. Total chromium was detected in the effluent at a concentration of 15.5 ug/L, which does not exceed the MCL of 100 ug/L.

- Laboratory data for the June 16, 2023 sampling of the Lagoon Treatment System and the Seep Shed Treatment System were received from TestAmerica Laboratories and validated. A summary of the data is attached.

Hexavalent chromium and total chromium were not detected above the laboratory method detection limits in the effluent of the Lagoon Treatment System.

Hexavalent chromium was not detected above the laboratory method detection limit in the effluent of the Seep Shed Treatment System. Total chromium was detected in the effluent at a concentration of 12.6 ug/L, which does not exceed the MCL of 100 ug/L.

7. Modifications to the response action, RAP, and schedule made in accordance with Section XIV of the Settlement Agreement during this reporting period.

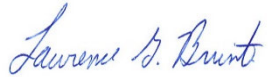
- None.

Ms. Ann DiDonato
U.S. EPA
July 12, 2024

If you have any questions or require additional information, please call me at 908.526.1000.

Sincerely,

Arcadis U.S., Inc.



Lawrence G. Brunt, P.E.
Principal Engineer

Copies:

D. Rood - PADEP

Enclosure

Data Validation Summary

Arcadis U.S., Inc. (Arcadis) performed a level III data validation evaluation of the analytical data collected during the Precision National Plating site investigation. The data evaluation was conducted in accordance with the United States Environmental Protection Agency's (USEPA) Data Validation Functional Guidelines for Evaluating Environmental Analyses, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review," dated October 1999, and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review," dated October 2004 ("the USEPA Guidance"). The following is a summary of the analytical data review for samples collected and analyzed from April through June 2023. The samples were submitted to TestAmerica Laboratories located in Edison, New Jersey for analysis. The TestAmerica sample delivery groups (SDGs) evaluated for this report include: 460-278383-1, 460-278459-1, 460-278459-2, 460-278503-1, 460-278609-1, 460-278684-1, 460-278684-2, 460-278685-1, 460-278806-1, 460-278886-1, 460-278886-2, 460-278976-1, 460-279076-1, 460-279077-1, 460-280121-1, and 460-282474-1.

The samples were analyzed using the following methods:

EPA Method 200.7 for metals
EPA Method 245.1 for mercury
EPA Method 7196A for hexavalent chromium

The data were evaluated based on the following parameters according to the USEPA Guidance for Level III data validation:

- data completeness
- holding times
- blanks
- duplicates and ICP serial dilution
- matrix spike/matrix spike duplicate/post-digestion spike recoveries (MS/MSD/PDS)
- laboratory control spike/laboratory control spike duplicate recoveries (LCS/LCSD)

A review of the laboratory reports revealed no issues which caused the data to be qualified in addition to the laboratory qualifiers. The sample temperature, hold times, calibrations, spike samples, laboratory control samples, duplicates, serial dilutions, and all other laboratory blanks were all within compliance criteria for all samples.

The following items were noted during the data review:

Several samples were put on hold and then activated for analysis later and some metals samples were filtered by the laboratory based on Precision's request. There were no issues identified during the analyses.

The laboratory indicated the percent recovery of sodium in the matrix spike was greater than the acceptance criteria (140%) in metals analysis batch 460-916834 which included samples from PNP SDG 460-282474-1. The recovery of sodium was low in the post-digestion spike analyzed in the batch. All other QA/QC parameters were in compliance. The concentration of sodium in the sample utilized for the matrix spike analysis (not a PNP sample) was greater than four times the spike concentration, so the percent recovery criteria does not apply. Therefore, the sodium results are not qualified,

The laboratory indicated the percent recovery of chromium was higher than the acceptance criteria in the matrix spike sample analyzed in batch 460-907307, which included samples from PNP SDG 460-278976-1. The percent recovery was calculated as 223% for PNP sample IP-10 (460-278976-15). The concentration of chromium in the sample was greater than four times the spike concentration. Additional matrix spikes, performed on PNP sample Res-2 (460-278976-7) and another sample not from PNP

Data Validation Summary

resulted in acceptable recoveries of chromium. All other QA/QC parameters were in compliance. Therefore, the chromium results are not qualified based on the matrix spike recovery.

Summary of Quality Assurance/Quality Control Evaluation of Data

Based upon the QA/QC review, the project data are valid and available for use in site characterization without qualification.

TREATMENT SYSTEM, SEEP AND SUMP MONITORING RESULTS

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-279077-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post Lead			Lagoon Effluent			Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-279077-1			460-279077-2			460-279077-3			460-279077-4			460-279077-5			460-279077-6		
Sampling Date	04/27/2023 14:30:00			04/27/2023 14:31:00			04/27/2023 14:30:00			04/27/2023 10:00:00			04/27/2023 10:01:00			04/27/2023 10:02:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Aluminum	93.1	U	93.1	NR			93.1	U	93.1	NR			NR			NR		
Antimony	7.8	U	7.8	NR			7.8	U	7.8	NR			NR			NR		
Arsenic	3.6	U	3.6	NR			3.6	U	3.6	NR			NR			NR		
Barium	20.9	U	20.9	NR			20.9	U	20.9	NR			NR			NR		
Beryllium	0.35	U	0.35	NR			0.35	U	0.35	NR			NR			NR		
Cadmium	0.31	U	0.31	NR			0.31	U	0.31	NR			NR			NR		
Calcium	45300		358	NR			44000		358	NR			NR			NR		
Chromium	109		5.7	15.8		5.7	5.7	U	5.7	107		5.7	87.0		5.7	12.5		5.7
Cobalt	3.4	U	3.4	NR			3.4	U	3.4	NR			NR			NR		
Copper	11.3	J	6.1	NR			6.1	U	6.1	NR			NR			NR		
Iron	1630		76.8	NR			76.8	U	76.8	NR			NR			NR		
Lead	3.1	J	3.1	NR			3.1	U	3.1	NR			NR			NR		
Magnesium	4410	J	329	NR			4350	J	329	NR			NR			NR		
Manganese	42.1		1.2	NR			1.2	U	1.2	NR			NR			NR		
Nickel	56.0		3.6	NR			3.6	U	3.6	NR			NR			NR		
Potassium	1080	J	492	NR			1030	J	492	NR			NR			NR		
Selenium	8.6	U	8.6	NR			8.6	U	8.6	NR			NR			NR		
Silver	5.0	U	5.0	NR			5.0	U	5.0	NR			NR			NR		
Sodium	19600		502	NR			19700		502	NR			NR			NR		
Thallium	5.8	U	5.8	NR			5.8	U	5.8	NR			NR			NR		
Vanadium	3.9	U	3.9	NR			3.9	U	3.9	NR			NR			NR		
Zinc	37.2		4.5	NR			4.5	U	4.5	NR			NR			NR		
WATER BY 245.1(UG/L)																		
Mercury	0.091	U	0.091	NR			0.091	U	0.091	NR			NR			NR		

NR: Not Analyzed
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

Eurofins Environment Testing Northeast, LLC
Eurofins Edison

Lab Job ID: 460-279077-1
Job Description: Precision National Plating
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post Lead			Lagoon Effluent			Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-279077-1			460-279077-2			460-279077-3			460-279077-4			460-279077-5			460-279077-6		
Sampling Date	04/27/2023 14:30:00			04/27/2023 14:31:00			04/27/2023 14:30:00			04/27/2023 10:00:00			04/27/2023 10:01:00			04/27/2023 10:02:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	8.2	J	8.1	8.1	U	8.1	8.1	U	8.1	75.6		8.1	8.1	U	8.1	8.1	U	8.1

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-280121-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post Lead			Lagoon Effluent			Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-280121-1			460-280121-2			460-280121-3			460-280121-4			460-280121-5			460-280121-6		
Sampling Date	05/11/2023 12:15:00			05/11/2023 12:16:00			05/11/2023 12:17:00			05/11/2023 12:30:00			05/11/2023 12:31:00			05/11/2023 12:32:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Aluminum	93.1	U	93.1	NR			93.1	U	93.1	NR			NR			NR		
Antimony	7.8	U	7.8	NR			7.8	U	7.8	NR			NR			NR		
Arsenic	3.6	U	3.6	NR			3.6	U	3.6	NR			NR			NR		
Barium	20.9	U	20.9	NR			20.9	U	20.9	NR			NR			NR		
Beryllium	0.35	U	0.35	NR			0.35	U	0.35	NR			NR			NR		
Cadmium	0.31	U	0.31	NR			0.31	U	0.31	NR			NR			NR		
Calcium	37300		358	NR			34300		358	NR			NR			NR		
Chromium	34.1		5.7	5.7	J	5.7	5.7	U	5.7	335		5.7	307		5.7	15.5		5.7
Cobalt	3.4	U	3.4	NR			3.4	U	3.4	NR			NR			NR		
Copper	6.1	U	6.1	NR			6.1	U	6.1	NR			NR			NR		
Iron	515		76.8	NR			76.8	U	76.8	NR			NR			NR		
Lead	3.1	U	3.1	NR			3.1	U	3.1	NR			NR			NR		
Magnesium	3700	J	329	NR			3400	J	329	NR			NR			NR		
Manganese	84.7		1.2	NR			1.2	U	1.2	NR			NR			NR		
Nickel	28.6	J	3.6	NR			3.6	U	3.6	NR			NR			NR		
Potassium	1130	J	492	NR			1110	J	492	NR			NR			NR		
Selenium	8.6	U	8.6	NR			8.6	U	8.6	NR			NR			NR		
Silver	5.0	U	5.0	NR			5.0	U	5.0	NR			NR			NR		
Sodium	13700		502	NR			12700		502	NR			NR			NR		
Thallium	5.8	U	5.8	NR			5.8	U	5.8	NR			NR			NR		
Vanadium	3.9	U	3.9	NR			3.9	U	3.9	NR			NR			NR		
Zinc	20.9	J	4.5	NR			5.6	J	4.5	NR			NR			NR		
WATER BY 245.1(UG/L)																		
Mercury	0.091	U	0.091	NR			0.091	U	0.091	NR			NR			NR		

NR: Not Analyzed
Highlighted Concentrations shown in bold type face exceed limits
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

Eurofins Environment Testing Northeast, LLC
Eurofins Edison

Lab Job ID: 460-280121-1
Job Description: Precision National Plating
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post Lead			Lagoon Effluent			Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-280121-1			460-280121-2			460-280121-3			460-280121-4			460-280121-5			460-280121-6		
Sampling Date	05/11/2023 12:15:00			05/11/2023 12:16:00			05/11/2023 12:17:00			05/11/2023 12:30:00			05/11/2023 12:31:00			05/11/2023 12:32:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	14.5		8.1	8.1	U	8.1	8.1	U	8.1	298		40.7	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-282474-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post Lead			Lagoon Effluent			Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-282474-1			460-282474-2			460-282474-3			460-282474-4			460-282474-5			460-282474-6		
Sampling Date	06/16/2023 12:00:00			06/16/2023 12:01:00			06/16/2023 12:02:00			06/16/2023 13:00:00			06/16/2023 13:01:00			06/16/2023 13:02:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Aluminum	93.1	U	93.1	NR			93.1	U	93.1	NR			NR			NR		
Antimony	7.8	U	7.8	NR			7.8	U	7.8	NR			NR			NR		
Arsenic	3.6	U	3.6	NR			3.6	U	3.6	NR			NR			NR		
Barium	20.9	U	20.9	NR			20.9	U	20.9	NR			NR			NR		
Beryllium	0.35	U	0.35	NR			0.35	U	0.35	NR			NR			NR		
Cadmium	0.31	U	0.31	NR			0.31	U	0.31	NR			NR			NR		
Calcium	43600		358	NR			43700		358	NR			NR			NR		
Chromium	77.8		5.7	5.7	U	5.7	5.7	U	5.7	138		5.7	84.3		5.7	12.6		5.7
Cobalt	3.4	U	3.4	NR			3.4	U	3.4	NR			NR			NR		
Copper	6.1	U	6.1	NR			6.1	U	6.1	NR			NR			NR		
Iron	1140		76.8	NR			76.8	U	76.8	NR			NR			NR		
Lead	3.1	U	3.1	NR			3.1	U	3.1	NR			NR			NR		
Magnesium	4280	J	329	NR			4280	J	329	NR			NR			NR		
Manganese	365		1.2	NR			42.9		1.2	NR			NR			NR		
Nickel	10.1	J	3.6	NR			3.6	U	3.6	NR			NR			NR		
Potassium	938	J	492	NR			956	J	492	NR			NR			NR		
Selenium	8.6	U	8.6	NR			8.6	U	8.6	NR			NR			NR		
Silver	5.0	U	5.0	NR			5.0	U	5.0	NR			NR			NR		
Sodium	20000		502	NR			19600		502	NR			NR			NR		
Thallium	5.8	U	5.8	NR			5.8	U	5.8	NR			NR			NR		
Vanadium	3.9	U	3.9	NR			3.9	U	3.9	NR			NR			NR		
Zinc	32.9		4.5	NR			4.5	J	4.5	NR			NR			NR		
WATER BY 245.1(UG/L)																		
Mercury	0.091	U	0.091	NR			0.091	U	0.091	NR			NR			NR		

NR: Not Analyzed
Highlighted Concentrations shown in bold type face exceed limits
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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Lab Contact:
Grace Chang
Project Manager II
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Eurofins Environment Testing Northeast, LLC
Eurofins Edison

Lab Job ID: 460-282474-1
Job Description: Precision National Plating
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post Lead			Lagoon Effluent			Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-282474-1			460-282474-2			460-282474-3			460-282474-4			460-282474-5			460-282474-6		
Sampling Date	06/16/2023 12:00:00			06/16/2023 12:01:00			06/16/2023 12:02:00			06/16/2023 13:00:00			06/16/2023 13:01:00			06/16/2023 13:02:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	45.9		8.1	8.1	U	8.1	8.1	U	8.1	111		8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

SEMIANNUAL GROUNDWATER MONITORING RESULTS

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278383-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-12			SB-11			SB-12			SB-25			SB-E			SB-17			IP-3		
Lab Sample ID	460-278383-1			460-278383-2			460-278383-3			460-278383-4			460-278383-5			460-278383-6			460-278383-7		
Sampling Date	04/17/2023 13:05:00			04/17/2023 14:35:00			04/17/2023 15:30:00			04/17/2023 12:50:00			04/17/2023 14:25:00			04/17/2023 15:50:00			04/17/2023 14:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	11.5		5.7	47.0		5.7	26.2		5.7	195		5.7	29400		57.4	161		5.7	66.7		5.7

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Edison

Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278383-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-8			SB-28			IP-7			OMW-11			SB-21		
Lab Sample ID	460-278383-8			460-278383-9			460-278383-10			460-278383-11			460-278383-12		
Sampling Date	04/17/2023 15:30:00			04/17/2023 11:55:00			04/17/2023 12:40:00			04/17/2023 13:20:00			04/17/2023 16:15:00		
Matrix	Water			Water			Water			Water			Water		
Unit															
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)															
Chromium	581		5.7	128		5.7	44.5		5.7	551		5.7	22.2		5.7

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278383-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-12			SB-11			SB-12			SB-25			SB-E			SB-17			IP-3		
Lab Sample ID	460-278383-1			460-278383-2			460-278383-3			460-278383-4			460-278383-5			460-278383-6			460-278383-7		
Sampling Date	04/17/2023 13:05:00			04/17/2023 14:35:00			04/17/2023 15:30:00			04/17/2023 12:50:00			04/17/2023 14:25:00			04/17/2023 15:50:00			04/17/2023 14:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	407	U	407	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Grace Chang

Project Manager II

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Eurofins Environment Testin
Eurofins Edison

Lab Job ID: 460-278383-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	IP-8			SB-28			IP-7			OMW-11			SB-21		
Lab Sample ID	460-278383-8			460-278383-9			460-278383-10			460-278383-11			460-278383-12		
Sampling Date	04/17/2023 15:30:00			04/17/2023 11:55:00			04/17/2023 12:40:00			04/17/2023 13:20:00			04/17/2023 16:15:00		
Matrix	Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A															
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	40.7	U	40.7	40.7	U	40.7	8.1	U	8.1

U : Indicates the analyte was analyzed for t

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278459-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-44			MW-40D			MW-40I			MW-42D			OMW-42			MW-38I			OMW-38		
Lab Sample ID	460-278459-1			460-278459-2			460-278459-3			460-278459-4			460-278459-5			460-278459-6			460-278459-7		
Sampling Date	04/18/2023 15:05:00			04/18/2023 09:55:00			04/18/2023 10:40:00			04/18/2023 15:20:00			04/18/2023 14:30:00			04/18/2023 11:45:00			04/18/2023 13:05:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	7.8	J	5.7	6.2	J	5.7	113		5.7	5.7	U	5.7	241		5.7	5.7	U	5.7	88.3		5.7

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Grace Chang

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Eurofins Environment Testin
Eurofins Edison

Lab Job ID: 460-278459-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	OMW-41			MW-38S			MW-41D			MW-39D			OMW-40			MW-48S			OMW-39		
Lab Sample ID	460-278459-8			460-278459-9			460-278459-10			460-278459-11			460-278459-12			460-278459-13			460-278459-14		
Sampling Date	04/18/2023 13:30:00			04/18/2023 10:55:00			04/18/2023 12:25:00			04/18/2023 11:55:00			04/18/2023 11:25:00			04/18/2023 15:45:00			04/18/2023 13:15:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	169		5.7	12.4		5.7	5.7	U	5.7	5.7	U	5.7	287		5.7	35.1		5.7	19.7		5.7

J : Result is less than the RL but greater tha
U : Indicates the analyte was analyzed for b

Lab Contact:
Grace Chang
Project Manager II
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Eurofins Environment Testin
Eurofins Edison

Lab Job ID: 460-278459-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	MW-39S			OMW-48		
Lab Sample ID	460-278459-15			460-278459-16		
Sampling Date	04/18/2023 10:35:00			04/18/2023 14:40:00		
Matrix	Water			Water		
Unit						
	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)						
Chromium	18.3		5.7	79.1		5.7

J : Result is less than the RL but greater tha
U : Indicates the analyte was analyzed for b

Lab Contact:
Grace Chang
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Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278459-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-44			MW-40D			MW-40I			MW-42D			OMW-42			MW-38I			OMW-38		
Lab Sample ID	460-278459-1			460-278459-2			460-278459-3			460-278459-4			460-278459-5			460-278459-6			460-278459-7		
Sampling Date	04/18/2023 15:05:00			04/18/2023 09:55:00			04/18/2023 10:40:00			04/18/2023 15:20:00			04/18/2023 14:30:00			04/18/2023 11:45:00			04/18/2023 13:05:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	147		8.1	8.1	U	8.1	81.4	U	81.4

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278459-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-41			MW-38S			MW-41D			MW-39D			OMW-40			MW-48S			OMW-39		
Lab Sample ID	460-278459-8			460-278459-9			460-278459-10			460-278459-11			460-278459-12			460-278459-13			460-278459-14		
Sampling Date	04/18/2023 13:30:00			04/18/2023 10:55:00			04/18/2023 12:25:00			04/18/2023 11:55:00			04/18/2023 11:25:00			04/18/2023 15:45:00			04/18/2023 13:15:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	104		8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	244		16.3	9.9	J	8.1	8.1	U	8.1

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for b

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testin
Eurofins Edison

Lab Job ID: 460-278459-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	MW-39S			OMW-48		
Lab Sample ID	460-278459-15			460-278459-16		
Sampling Date	04/18/2023 10:35:00			04/18/2023 14:40:00		
Matrix	Water			Water		
	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A						
Cr (VI) (ug/l)	8.1	U	8.1	69.7		8.1

J : Result is less than the RL but greater tha
U : Indicates the analyte was analyzed for b

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

Eurofins Environment Testing Northeast, LLC
Eurofins Edison

Lab Job ID: 460-278459-2
Job Description: Precision National Plating
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	PA NonResidential	SB-E			SB-25		
Lab Sample ID	NonUsed Aquifers	460-278459-17			460-278459-18		
Sampling Date		04/17/2023 16:35:00			04/17/2023 16:40:00		
Matrix		Water			Water		
Unit							
		Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)							
Chromium, Dissolved	100000	5.7	U	5.7	46.3		5.7

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:
Grace Chang
Project Manager II
(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278503-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-4S			OMW-15			IP-1			MW-45S			MW-9D			MW-43S			MW-43D		
Lab Sample ID	460-278503-1			460-278503-2			460-278503-3			460-278503-4			460-278503-5			460-278503-6			460-278503-7		
Sampling Date	04/19/2023 11:35:00			04/19/2023 13:25:00			04/19/2023 15:55:00			04/19/2023 11:30:00			04/19/2023 12:30:00			04/19/2023 09:15:00			04/19/2023 09:55:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	10.5		5.7	33.1		5.7	34.7		5.7	310		5.7	5.7	U	5.7	151		5.7	5.7	U	5.7

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278503-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-4			SB-13			OMW-47			OMW-46			OMW-24			MW-9IB			MW-14S		
Lab Sample ID	460-278503-9			460-278503-10			460-278503-11			460-278503-12			460-278503-13			460-278503-14			460-278503-15		
Sampling Date	04/19/2023 15:10:00			04/19/2023 15:15:00			04/19/2023 11:35:00			04/19/2023 10:35:00			04/19/2023 10:00:00			04/19/2023 13:00:00			04/19/2023 09:55:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	434		5.7	11.1		5.7	234		5.7	185		5.7	500		5.7	5.8	J	5.7	70.7		5.7

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for b

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testin**Eurofins Edison**

Lab Job ID: 460-278503-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	SB-20			MW-9S			MW-15S			MW-46S		
Lab Sample ID	460-278503-16			460-278503-17			460-278503-18			460-278503-19		
Sampling Date	04/19/2023 15:50:00			04/19/2023 13:30:00			04/19/2023 12:05:00			04/19/2023 09:30:00		
Matrix	Water			Water			Water			Water		
Unit												
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)												
Chromium	6.7	J	5.7	177		5.7	34.4		5.7	88.4		5.7

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for b

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278503-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-4S			OMW-15			IP-1			MW-45S			MW-9D			MW-43S			MW-43D		
Lab Sample ID	460-278503-1			460-278503-2			460-278503-3			460-278503-4			460-278503-5			460-278503-6			460-278503-7		
Sampling Date	04/19/2023 11:35:00			04/19/2023 13:25:00			04/19/2023 15:55:00			04/19/2023 11:30:00			04/19/2023 12:30:00			04/19/2023 09:15:00			04/19/2023 09:55:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	23.2		8.1	40.7	U	40.7	11.3		8.1	8.1	U	8.1	86.3		8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Edison

Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278503-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-4			SB-13			OMW-47			OMW-46			OMW-24			MW-9IB			MW-14S		
Lab Sample ID	460-278503-9			460-278503-10			460-278503-11			460-278503-12			460-278503-13			460-278503-14			460-278503-15		
Sampling Date	04/19/2023 15:10:00			04/19/2023 15:15:00			04/19/2023 11:35:00			04/19/2023 10:35:00			04/19/2023 10:00:00			04/19/2023 13:00:00			04/19/2023 09:55:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	67.8		8.1	132		8.1	81.4	U	81.4	8.1	U	8.1	42.8		8.1

U : Indicates the analyte was analyzed for t

Lab Contact:

Grace Chang

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Eurofins Environment Testi**Eurofins Edison**

Lab Job ID: 460-278503-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	SB-20			MW-9S			MW-15S			MW-46S		
Lab Sample ID	460-278503-16			460-278503-17			460-278503-18			460-278503-19		
Sampling Date	04/19/2023 15:50:00			04/19/2023 13:30:00			04/19/2023 12:05:00			04/19/2023 09:30:00		
Matrix	Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A												
Cr (VI) (ug/l)	8.1	U	8.1	154		8.1	8.1	U	8.1	163	U	163

U : Indicates the analyte was analyzed for t

Lab Contact:

Grace Chang

Project Manager II

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Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278609-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-16S			OMW-26			AGM-3I			OMW-28			Trolley Track Seep			AGM-4S			SB-2		
Lab Sample ID	460-278609-1			460-278609-2			460-278609-3			460-278609-4			460-278609-5			460-278609-6			460-278609-7		
Sampling Date	04/20/2023 12:35:00			04/20/2023 12:50:00			04/20/2023 10:25:00			04/20/2023 10:00:00			04/20/2023 10:35:00			04/20/2023 11:50:00			04/20/2023 14:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	10.1		5.7	86.4		5.7	5.7	U	5.7	695		5.7	398		5.7	5.7	U	5.7	494		5.7

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testin
Eurofins Edison

Lab Job ID: 460-278609-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	AGM-4I			OMW-29			MW-17S			AGM-2I			AGM-2S			OMW-50			MW-49S		
Lab Sample ID	460-278609-8			460-278609-9			460-278609-10			460-278609-11			460-278609-12			460-278609-13			460-278609-14		
Sampling Date	04/20/2023 12:35:00			04/20/2023 10:20:00			04/20/2023 10:05:00			04/20/2023 10:40:00			04/20/2023 09:50:00			04/20/2023 12:05:00			04/20/2023 12:50:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	5.7	U	5.7	144	J	115	8.6	J	5.7	5.7	U	5.7	5.7	U	5.7	115	U	115	5.7	U	5.7

J : Result is less than the RL but greater tha
U : Indicates the analyte was analyzed for b

Lab Contact:
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Project Manager II
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Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278609-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-49			SB-15			OMW-27			MW-BOI-D			IP-2			SB-14			SB-29		
Lab Sample ID	460-278609-15			460-278609-16			460-278609-17			460-278609-18			460-278609-19			460-278609-20			460-278609-21		
Sampling Date	04/20/2023 12:55:00			04/20/2023 15:15:00			04/20/2023 11:25:00			04/20/2023 15:20:00			04/20/2023 15:30:00			04/20/2023 14:30:00			04/20/2023 15:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	449		5.7	138000		57.4	317		5.7	19.0		5.7	53.1		5.7	50.0		5.7	18.4		5.7

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for b

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278609-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-16S			OMW-26			AGM-3I			OMW-28			Trolley Track Seep			AGM-4S			SB-2		
Lab Sample ID	460-278609-1			460-278609-2			460-278609-3			460-278609-4			460-278609-5			460-278609-6			460-278609-7		
Sampling Date	04/20/2023 12:35:00			04/20/2023 12:50:00			04/20/2023 10:25:00			04/20/2023 10:00:00			04/20/2023 10:35:00			04/20/2023 11:50:00			04/20/2023 14:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	83.1		40.7	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278609-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	AGM-4I			OMW-29			MW-17S			AGM-2I			AGM-2S			OMW-50			MW-49S		
Lab Sample ID	460-278609-8			460-278609-9			460-278609-10			460-278609-11			460-278609-12			460-278609-13			460-278609-14		
Sampling Date	04/20/2023 12:35:00			04/20/2023 10:20:00			04/20/2023 10:05:00			04/20/2023 10:40:00			04/20/2023 09:50:00			04/20/2023 12:05:00			04/20/2023 12:50:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

Lab Contact:

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Eurofins Edison

Lab Job ID: 460-278609-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-49			SB-15			OMW-27			MW-BOI-D			IP-2			SB-14			SB-29		
Lab Sample ID	460-278609-15			460-278609-16			460-278609-17			460-278609-18			460-278609-19			460-278609-20			460-278609-21		
Sampling Date	04/20/2023 12:55:00			04/20/2023 15:15:00			04/20/2023 11:25:00			04/20/2023 15:20:00			04/20/2023 15:30:00			04/20/2023 14:30:00			04/20/2023 15:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	270		40.7	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

Lab Contact:

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Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278684-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-5			MW-23			AGM-5I			AGM-5S			IP-15			IP-17			SB-7		
Lab Sample ID	460-278684-1			460-278684-2			460-278684-3			460-278684-4			460-278684-5			460-278684-6			460-278684-7		
Sampling Date	04/21/2023 12:50:00			04/21/2023 11:35:00			04/21/2023 10:20:00			04/21/2023 09:35:00			04/21/2023 11:35:00			04/21/2023 13:00:00			04/21/2023 09:35:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	676		5.7	15.6		5.7	5.7	U	5.7	6.4	J	5.7	75.8		5.7	16.4		5.7	1930		5.7

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Edison

Lab Job ID: 460-278684-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	IP-13			SB-23			OMW-19			MW-30			MW-B015			SB-16			IP-16		
Lab Sample ID	460-278684-8			460-278684-9			460-278684-10			460-278684-11			460-278684-12			460-278684-13			460-278684-14		
Sampling Date	04/21/2023 11:00:00			04/21/2023 10:00:00			04/21/2023 11:55:00			04/21/2023 13:20:00			04/21/2023 09:45:00			04/21/2023 10:55:00			04/21/2023 13:48:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	544		5.7	21.5		5.7	148		5.7	5.7	U	5.7	14.4		5.7	11.2		5.7	6.6	J	5.7

J : Result is less than the RL but greater tha
U : Indicates the analyte was analyzed for b

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Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278684-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-5			MW-23			AGM-51			AGM-55			IP-15			IP-17			SB-7		
Lab Sample ID	460-278684-1			460-278684-2			460-278684-3			460-278684-4			460-278684-5			460-278684-6			460-278684-7		
Sampling Date	04/21/2023 12:50:00			04/21/2023 11:35:00			04/21/2023 10:20:00			04/21/2023 09:35:00			04/21/2023 11:35:00			04/21/2023 13:00:00			04/21/2023 09:35:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	40.7	U	40.7	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Environment Testin
Eurofins Edison

Lab Job ID: 460-278684-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	IP-13			SB-23			OMW-19			MW-30			MW-B015			SB-16			IP-16		
Lab Sample ID	460-278684-8			460-278684-9			460-278684-10			460-278684-11			460-278684-12			460-278684-13			460-278684-14		
Sampling Date	04/21/2023 11:00:00			04/21/2023 10:00:00			04/21/2023 11:55:00			04/21/2023 13:20:00			04/21/2023 09:45:00			04/21/2023 10:55:00			04/21/2023 13:48:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	16.3	U	16.3	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

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Eurofins Environment Testing Northeast, LLC**Eurofins Edison**

Lab Job ID: 460-278684-2

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	SB-7		
Lab Sample ID	460-278684-7		
Sampling Date	04/21/2023 09:35:00		
Matrix	Water		
Unit			
	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)			
Chromium, Dissolved	163		5.7

Lab Contact:

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Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278806-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-22I			MW-36S			MW-31I			MW-34S			MW-33S			MW-35S			MW-34I		
Lab Sample ID	460-278806-1			460-278806-2			460-278806-3			460-278806-4			460-278806-5			460-278806-6			460-278806-7		
Sampling Date	04/24/2023 14:10:00			04/24/2023 12:05:00			04/24/2023 11:50:00			04/24/2023 11:00:00			04/24/2023 13:55:00			04/24/2023 12:35:00			04/24/2023 11:45:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	30.0		5.7	5.7	U	5.7	11.0		5.7	64.4		5.7	5.7	U	5.7	6.5	J	5.7	20.2		5.7

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

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Eurofins Edison

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Eurofins Edison

Lab Job ID: 460-278806-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-33I			MW-24			MW-32S			MW-28S			MW-28I			MW-26S		
Lab Sample ID	460-278806-8			460-278806-9			460-278806-10			460-278806-11			460-278806-12			460-278806-13		
Sampling Date	04/24/2023 14:35:00			04/24/2023 15:45:00			04/24/2023 11:10:00			04/24/2023 13:20:00			04/24/2023 15:40:00			04/24/2023 16:10:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Chromium	11.4		5.7	155		5.7	14.1		5.7	27.1		5.7	22.9		5.7	5.7	U	5.7

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for b

Lab Contact:

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Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278806-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-22I			MW-36S			MW-31I			MW-34S			MW-33S			MW-35S			MW-34I		
Lab Sample ID	460-278806-1			460-278806-2			460-278806-3			460-278806-4			460-278806-5			460-278806-6			460-278806-7		
Sampling Date	04/24/2023 14:10:00			04/24/2023 12:05:00			04/24/2023 11:50:00			04/24/2023 11:00:00			04/24/2023 13:55:00			04/24/2023 12:35:00			04/24/2023 11:45:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	204	U	204	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278806-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-33I			MW-24			MW-32S			MW-28S			MW-28I			MW-26S		
Lab Sample ID	460-278806-8			460-278806-9			460-278806-10			460-278806-11			460-278806-12			460-278806-13		
Sampling Date	04/24/2023 14:35:00			04/24/2023 15:45:00			04/24/2023 11:10:00			04/24/2023 13:20:00			04/24/2023 15:40:00			04/24/2023 16:10:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	8.1	U	8.1	96.6		8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

Lab Contact:

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Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278886-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-6			SB-24			IP-14			SB-10			OMW-22			MW-13S			MW-CI		
Lab Sample ID	460-278886-1			460-278886-2			460-278886-3			460-278886-4			460-278886-5			460-278886-6			460-278886-7		
Sampling Date	04/25/2023 11:30:00			04/25/2023 13:20:00			04/25/2023 13:30:00			04/25/2023 09:55:00			04/25/2023 15:35:00			04/25/2023 14:25:00			04/25/2023 09:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	5.7	U	5.7	21.6		5.7	317		5.7	7.5	J	5.7	5.7	U	5.7	13.9		5.7	33.7		5.7

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Edison

Lab Job ID: 460-278886-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-CS			OMW-21			MW-BS			OMW-3			MW-29			OMW-31			MW-LS		
Lab Sample ID	460-278886-8			460-278886-9			460-278886-10			460-278886-11			460-278886-12			460-278886-13			460-278886-14		
Sampling Date	04/25/2023 10:25:00			04/25/2023 12:20:00			04/25/2023 12:45:00			04/25/2023 10:05:00			04/25/2023 14:20:00			04/25/2023 15:20:00			04/25/2023 09:25:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	5.7	U	5.7	27.4		5.7	10.3		5.7	18.8		5.7	38.0		5.7	40.9		5.7	64.1		5.7

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for b

Lab Contact:

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Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278886-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

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Client ID	MW-BD			SB-26			MW-19I			MW-21S			OMW-32			MW-19S			SB-5		
Lab Sample ID	460-278886-15			460-278886-16			460-278886-17			460-278886-18			460-278886-19			460-278886-20			460-278886-21		
Sampling Date	04/25/2023 11:00:00			04/25/2023 15:10:00			04/25/2023 13:50:00			04/25/2023 09:35:00			04/25/2023 11:40:00			04/25/2023 14:45:00			04/25/2023 12:45:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	11.7		5.7	96.7		5.7	62.4		5.7	44.8		5.7	409		5.7	164		5.7	34.6		5.7

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for b

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Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278886-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-6			SB-24			IP-14			SB-10			OMW-22			MW-13S			MW-CI		
Lab Sample ID	460-278886-1			460-278886-2			460-278886-3			460-278886-4			460-278886-5			460-278886-6			460-278886-7		
Sampling Date	04/25/2023 11:30:00			04/25/2023 13:20:00			04/25/2023 13:30:00			04/25/2023 09:55:00			04/25/2023 15:35:00			04/25/2023 14:25:00			04/25/2023 09:20:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Edison

Lab Job ID: 460-278886-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	MW-CS			OMW-21			MW-BS			OMW-3			MW-29			OMW-31			MW-LS		
Lab Sample ID	460-278886-8			460-278886-9			460-278886-10			460-278886-11			460-278886-12			460-278886-13			460-278886-14		
Sampling Date	04/25/2023 10:25:00			04/25/2023 12:20:00			04/25/2023 12:45:00			04/25/2023 10:05:00			04/25/2023 14:20:00			04/25/2023 15:20:00			04/25/2023 09:25:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

Lab Contact:
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Eurofins Edison

Eurofins Environment Testin

Eurofins Edison

Lab Job ID: 460-278886-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-BD			SB-26			MW-19I			MW-21S			OMW-32			MW-19S			SB-5		
Lab Sample ID	460-278886-15			460-278886-16			460-278886-17			460-278886-18			460-278886-19			460-278886-20			460-278886-21		
Sampling Date	04/25/2023 11:00:00			04/25/2023 15:10:00			04/25/2023 13:50:00			04/25/2023 09:35:00			04/25/2023 11:40:00			04/25/2023 14:45:00			04/25/2023 12:45:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	494		40.7	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

Lab Contact:

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Project Manager II

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Eurofins Environment Testing Northeast, LLC
Eurofins Edison

Lab Job ID: 460-278886-2
Job Description: Precision National Plating
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	OMW-32		
Lab Sample ID	460-278886-19		
Sampling Date	04/25/2023 11:40:00		
Matrix	Water		
Unit			
	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)			
Chromium, Dissolved	404		5.7

Lab Contact:
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Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278976-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	SB-22			MW-18S			MW-18I			MW-AS			OMW-16			MW-37S					
Lab Sample ID	460-278976-1			460-278976-2			460-278976-3			460-278976-4			460-278976-5			460-278976-6			460-278976-7		
Sampling Date	04/26/2023 15:10:00			04/26/2023 10:50:00			04/26/2023 11:45:00			04/26/2023 12:35:00			04/26/2023 09:10:00			04/26/2023 14:20:00			04/26/2023 11:10:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	13.6		5.7	19.0		5.7	27.7		5.7	74.9		5.7	43.5		5.7	27.8		5.7	5.7	U	5.7
Chromium, Dissolved	NR			NR			NR			NR			NR			NR			NR		

NR: Not Analyzed

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Edison

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Eurofins Edison

Lab Job ID: 460-278976-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-10S			OMW-4			MW-10I			OMW-2			MW-AD			OMW-30		
Lab Sample ID	460-278976-8			460-278976-9			460-278976-10			460-278976-11			460-278976-12			460-278976-13		
Sampling Date	04/26/2023 09:50:00			04/26/2023 14:00:00			04/26/2023 10:35:00			04/26/2023 11:20:00			04/26/2023 15:15:00			04/26/2023 13:20:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Chromium	1090		5.7	585		5.7	29.2		5.7	5.7	U	5.7	61.8		5.7	26.9		5.7
Chromium, Dissolved	NR			NR			NR			NR			NR			NR		

NR: Not Analyzed

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for t

Lab Contact:

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Lab Job ID: 460-278976-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-10			SB-4			MW-12I			MW-12S			MW-3D			MW-11I			MW-3S		
Lab Sample ID	460-278976-15			460-278976-16			460-278976-17			460-278976-18			460-278976-19			460-278976-20			460-278976-21		
Sampling Date	04/26/2023 15:30:00			04/26/2023 13:30:00			04/26/2023 09:50:00			04/26/2023 11:20:00			04/26/2023 14:35:00			04/26/2023 10:35:00			04/26/2023 15:35:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	4730		5.7	123		5.7	55.9		5.7	47.2		5.7	5.7	U	5.7	52.6		5.7	30.7		5.7
Chromium, Dissolved	NR			NR			NR			NR			NR			NR			NR		

NR: Not Analyzed

J : Result is less than the RL but greater tha

U : Indicates the analyte was analyzed for t

Lab Contact:

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Eurofins Edison

Lab Job ID: 460-278976-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	MW-11S			OMW-17		
Lab Sample ID	460-278976-22			460-278976-23		
Sampling Date	04/26/2023 11:35:00			04/26/2023 09:25:00		
Matrix	Water			Water		
Unit						
	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)						
Chromium	116		5.7	5.9	J	5.7
Chromium, Dissolved	NR			NR		

NR: Not Analyzed
J : Result is less than the RL but greater tha
U : Indicates the analyte was analyzed for t

Lab Contact:
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Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-278976-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	SB-22			MW-18S			MW-18I			MW-AS			OMW-16			MW-37S					
Lab Sample ID	460-278976-1			460-278976-2			460-278976-3			460-278976-4			460-278976-5			460-278976-6			460-278976-7		
Sampling Date	04/26/2023 15:10:00			04/26/2023 10:50:00			04/26/2023 11:45:00			04/26/2023 12:35:00			04/26/2023 09:10:00			04/26/2023 14:20:00			04/26/2023 11:10:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	11.5		8.1	8.1	U	8.1	19.3		8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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Eurofins Edison

Lab Job ID: 460-278976-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-10S			OMW-4			MW-10I			OMW-2			MW-AD			OMW-30		
Lab Sample ID	460-278976-8			460-278976-9			460-278976-10			460-278976-11			460-278976-12			460-278976-13		
Sampling Date	04/26/2023 09:50:00			04/26/2023 14:00:00			04/26/2023 10:35:00			04/26/2023 11:20:00			04/26/2023 15:15:00			04/26/2023 13:20:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	21.5		8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

Lab Contact:

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Eurofins Edison

Lab Job ID: 460-278976-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-10			SB-4			MW-12I			MW-12S			MW-3D			MW-11I			MW-3S		
Lab Sample ID	460-278976-15			460-278976-16			460-278976-17			460-278976-18			460-278976-19			460-278976-20			460-278976-21		
Sampling Date	04/26/2023 15:30:00			04/26/2023 13:30:00			04/26/2023 09:50:00			04/26/2023 11:20:00			04/26/2023 14:35:00			04/26/2023 10:35:00			04/26/2023 15:35:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	20.4		8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

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Eurofins Edison

Lab Job ID: 460-278976-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	MW-11S			OMW-17		
Lab Sample ID	460-278976-22			460-278976-23		
Sampling Date	04/26/2023 11:35:00			04/26/2023 09:25:00		
Matrix	Water			Water		
	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A						
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

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Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-279076-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-18			OMW-13			SB-27			French Drain Sump			Lagoon Sump			SB-6			MW-9IA		
Lab Sample ID	460-279076-1			460-279076-2			460-279076-3			460-279076-4			460-279076-5			460-279076-6			460-279076-7		
Sampling Date	04/27/2023 10:15:00			04/27/2023 11:30:00			04/27/2023 09:15:00			04/27/2023 10:30:00			04/27/2023 10:25:00			04/27/2023 10:20:00			04/27/2023 09:45:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	42.6		5.7	54.9		5.7	57.0		5.7	37.6		5.7	782		5.7	16.2		5.7	5.7	U	5.7

U : Indicates the analyte was analyzed for but not detected.

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Eurofins Environment Testin**Eurofins Edison**

Lab Job ID: 460-279076-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-6			SB-1			MW-4S			MW-4D		
Lab Sample ID	460-279076-8			460-279076-9			460-279076-10			460-279076-11		
Sampling Date	04/27/2023 11:50:00			04/27/2023 10:30:00			04/27/2023 12:40:00			04/27/2023 11:05:00		
Matrix	Water			Water			Water			Water		
Unit												
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)												
Chromium	60.7		5.7	91.3		5.7	5.7	U	5.7	5.7	U	5.7

U : Indicates the analyte was analyzed for t

Lab Contact:

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Project Manager II

(732)593-2579

Eurofins Edison

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-279076-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-18			OMW-13			SB-27			French Drain Sump			Lagoon Sump			SB-6			MW-9IA		
Lab Sample ID	460-279076-1			460-279076-2			460-279076-3			460-279076-4			460-279076-5			460-279076-6			460-279076-7		
Sampling Date	04/27/2023 10:15:00			04/27/2023 11:30:00			04/27/2023 09:15:00			04/27/2023 10:30:00			04/27/2023 10:25:00			04/27/2023 10:20:00			04/27/2023 09:45:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	40.7	U	40.7	8.1	U	8.1	8.1	U	8.1	35.8		8.1	56.8		8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for but not detected.

Lab Contact:

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(732)593-2579

Eurofins Environment Testin
Eurofins Edison

Lab Job ID: 460-279076-1
Job Description: Precision National Plat
For:
ARCADIS U.S., Inc
1 Harvard Way
Hillsborough, New Jersey 08844

Client ID	IP-6			SB-1			MW-4S			MW-4D		
Lab Sample ID	460-279076-8			460-279076-9			460-279076-10			460-279076-11		
Sampling Date	04/27/2023 11:50:00			04/27/2023 10:30:00			04/27/2023 12:40:00			04/27/2023 11:05:00		
Matrix	Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A												
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for t

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