

Ms. Ann DiDonato
U.S. EPA Region 3
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Philadelphia, PA 19103

Arcadis U.S., Inc.
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Subject:

Quarterly Progress Report: April through June 2022
Precision National Plating Services, Inc.
Clarks Summit, Pennsylvania
Docket No. CERC-03-2012-0031DC

ELECTRONIC MAIL

ENVIRONMENT

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, 2022 and June 30, 2022. 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).

Date:
December 2, 2022

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 2022 to do the following:

- Precision performed semiannual groundwater and seep monitoring in April 2022 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 15, 2022, 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 9.02° C.
- On April 15, 2022, the flow totalizer reading for the Seep Shed Treatment System was 7,574,678 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on May 19, 2022, 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 7.09 su and the temperature was 10.04° C.
- On May 19, 2022, the Seep Shed flow totalizer reading was 7,627,749 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on June 16, 2022, 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 16.94° C.
- On June 16, 2022, the flow totalizer reading for the Seep Shed Treatment System was 7,672,161 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 15, 2022, 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 6.91 su and the temperature was 9.47° C.
- By April 15, 2022, the total volume treated by the Lagoon Treatment System was approximately 39,491,610 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on May 19, 2022, 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 7.11 su and the temperature was 16.2° C.
- By May 19, 2022, the total volume treated by the Lagoon Treatment System was 39,757,377 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on June 16, 2022, 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 7.17 su and the temperature was 18.92° C.

- By June 16, 2022, the total volume treated by the Lagoon Treatment System was approximately 39,978,665 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 2022. 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 May 19, 2022, and June 16, 2022. Samples were also collected from the Trolley Track Seep, Cinderblock Seep, and Bathtub Seep on April 15, 2022, May 19, 2022, and June 16, 2022. Samples were analyzed for hexavalent chromium and total chromium. Analytical results were received from TestAmerica Laboratories and validated. Summaries of the data are attached.
- Samples were collected from select monitoring wells south of Ackerly Creek on June 29, 2022 to evaluate the ongoing effectiveness of the previous in situ chemical reduction activities and the potential need for additional remediation. 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 2022. Data is anticipated to be received four weeks after each sampling event.
- Semiannual surface water monitoring is scheduled for July 2022

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 and the Cinder Block, Trolley Track, and Bathtub Seeps on April 15, 2022 were received from TestAmerica Laboratories and validated. Summaries of the data are attached.
- Laboratory data for the April 15, 2022 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 14.1 ug/L, which does not exceed the MCL of 100 ug/L.

- Laboratory data for the May 19, 2022 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 and total chromium were not detected above the laboratory method detection limits in the effluent of the Seep Shed Treatment System.

- Laboratory data for the samples collected from the seeps, lagoon surface water, and Lagoon and French Drain sumps on May 19, 2022 were received from TestAmerica Laboratories and validated. Summaries of the data are attached.
- Laboratory data for the June 16, 2022 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 and total chromium were not detected above the laboratory method detection limits in the effluent of the Seep Shed Treatment System.

- Laboratory data for the samples collected from the Lagoon and French Drain sumps on June 16, 2022 were received from TestAmerica Laboratories and validated. Summaries of the data are attached.
- Laboratory data for the samples collected from select monitoring wells south of Ackerly Creek on June 29, 2022 were received from TestAmerica Laboratories and validated. Summaries of the data are attached.

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

- None.

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 2022. 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: 460-256118-1, 460-256205-1, 460-256297-1, 460-256365-1, 460-256367-1, 460-256497-1, 460-256572-1, 460-256619-1, 460-256706-1, 460-256795-1, 460-258420-1, 460-260223-1, and 460-261064-1.

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 two issues which caused the data to be qualified in addition to the laboratory qualifiers.

Due to a laboratory oversight, four of the groundwater samples submitted as part of SDG 460-256706-1 were analyzed outside of the 24-hour method holding time allowed for hexavalent chromium via Method 7196A. The laboratory flagged the results of these samples with an "H" qualifier. The samples were prepped within the holding time and the analyses were conducted within one hour past the 24-hour method holding time. Hexavalent chromium was either not detected or detected at an estimated concentration in each of the samples. These results were consistent with previous results from these sample locations. Therefore, the results of these four samples are qualified as estimated, biased low (J-) as shown in Table 1.

The laboratory indicated the percent recovery of chromium in the matrix spike was lower than the acceptance criteria (49%) in metals analysis batch 460-843492 which included samples from PNP SDG 460-256795-1. The concentration of chromium in the sample utilized for the matrix spike analysis (460-256795-1, PNP sample OMW-22). The recovery of chromium was acceptable in the post-digestion spike analyzed in the batch, which used another sample that was not from a PNP SDG. All other QA/QC parameters were in compliance. Also, the groundwater sample from OMW-22 used for the matrix spike was likely to contain residual calcium polysulfide from previous in situ chemical reduction activities. Therefore, the chromium results are qualified as estimated, biased low (J-) only for sample OMW-22 (460-256795-1) but are not qualified for the other PNP samples (see Table 1).

Data Validation Summary

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 other samples.

The following items were noted during the data review:

The laboratory indicated the percent recovery of hexavalent chromium was low in two of the four matrix spike samples analyzed in batch 460-839288 which included samples from PNP SDG 460-256297-1. The percent recoveries were calculated as 44% and 47% respectively for PNP samples AGM-3I (460-256297-9) and OMW-27 (460-256297-7). These samples both had non-detect results for hexavalent chromium and have previously been used for in situ chemical reduction injections; the poor recovery of the matrix spike indicates that residual calcium polysulfide is likely present in these wells. Additional matrix spikes, performed on PNP sample MW-49S (460-256297-10) and another sample not from PNP resulted in acceptable recoveries of hexavalent chromium. All other QA/QC parameters were in compliance. Therefore, the hexavalent chromium results are not qualified based on the matrix spike recovery.

The relative percent difference was high between the concentrations of aluminum (142%) and iron (27%) in the initial result and the duplicate sample analyzed along with metals batch 460-841556, which included samples from PNP SDG 460-256367-1. However, the concentration of iron in the initial sample and duplicate was less than five times the method detection limit (MDL), so the criteria for comparison becomes the method detection limit. The difference in results is not greater than the method detection limit. Similarly, the duplicate result for aluminum was less than the reporting limit and less than five times the MDL. The sample used for the duplicate analysis was not a PNP sample and all of the other QA/QC parameters were in compliance, so the aluminum and iron results are not qualified.

The laboratory indicated the percent recovery of hexavalent chromium in the matrix spike was lower than the acceptance criteria in analysis batch 460-840710 which included samples from PNP SDG 460-256706-1. The percent recovery was calculated as 84%; while the laboratory considers this recovery outside of the acceptable range, the USEPA guidance allows for acceptance of recoveries between 75% and 125%. The sample utilized for the matrix spike analysis was not a PNP sample and all other QA/QC parameters were in compliance. Therefore, the hexavalent 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 with the following qualifications:

Table 1
Qualified Data Summary

Sample	Lab ID	SDG	Result	Qualified Result
OMW-23	460-256706-7	460-256706-1	8.1 ug/L UH (Cr+6)	8.1 ug/L UHJ- (Cr+6)
OMW-30	460-256706-16	460-256706-1	8.1 ug/L UH (Cr+6)	8.1 ug/L UHJ- (Cr+6)
MW-18I	460-256706-18	460-256706-1	8.1 ug/L UH (Cr+6)	8.1 ug/L UHJ- (Cr+6)
MW-10I	460-256706-23	460-256706-1	8.1 ug/L UH (Cr+6)	8.1 ug/L UHJ- (Cr+6)
OMW-22	460-256795-1	460-256795-1	13.3 ug/L F1 (Cr)	13.3 ug/L F1J- (Cr)

Notes:

Cr+6 = Hexavalent Chromium

ug/L = micrograms per liter

H = method hold time exceeded

U = not detected above method detection limit

F1 = MS and/or MSD recovery outside control limits

Cr = Total Chromium

J = result is considered estimated

J- = after validation, result is qualified as estimated, biased low

TREATMENT SYSTEM, SEEP AND SUMP MONITORING RESULTS

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

Lab Job ID: 460-256367-1

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		
Lab Sample ID	460-256367-1			460-256367-2			460-256367-3		
Sampling Date	04/15/2022 10:10:00			04/15/2022 10:11:00			04/15/2022 10:12:00		
Matrix	Water			Water			Water		
Unit									
	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
Antimony	7.8	U	7.8	NR			7.8	U	7.8
Arsenic	3.6	U	3.6	NR			3.6	U	3.6
Barium	20.9	U	20.9	NR			20.9	U	20.9
Beryllium	0.35	U	0.35	NR			0.35	U	0.35
Cadmium	0.31	U	0.31	NR			0.31	U	0.31
Calcium	41900		358	NR			40900		358
Chromium	58.0		5.7	9.8	J	5.7	5.7	U	5.7
Cobalt	3.4	U	3.4	NR			3.4	U	3.4
Copper	6.1	U	6.1	NR			6.1	U	6.1
Iron	2180		76.8	NR			76.8	U	76.8
Lead	3.1	U	3.1	NR			3.1	U	3.1
Magnesium	4140	J	329	NR			4120	J	329
Manganese	22.6		1.2	NR			2.0	J	1.2
Nickel	9.0	J	3.6	NR			3.6	U	3.6
Potassium	1270	J	492	NR			1150	J	492
Selenium	8.6	U	8.6	NR			8.6	U	8.6
Silver	5.0	U	5.0	NR			5.0	U	5.0
Sodium	16500		502	NR			15800		502
Thallium	5.8	U	5.8	NR			5.8	U	5.8
Vanadium	3.9	U	3.9	NR			3.9	U	3.9
Zinc	32.5		4.5	NR			10.1	J	4.5
WATER BY 245.1(UG/L)									
Mercury	0.091	U	0.091	NR			0.091	U	0.091

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
Eurofins Edison

Lab Job ID: 460-256367-1
 Job Description: Precision Nat
 For:
 ARCADIS U.S., Inc
 1 Harvard Way
 Hillsborough, New Jersey 088

Client ID	Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-256367-4			460-256367-5			460-256367-6		
Sampling Date	04/15/2022 09:15:00			04/15/2022 09:16:00			04/15/2022 09:17:00		
Matrix	Water			Water			Water		
Unit									
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)									
Aluminum	NR			NR			NR		
Antimony	NR			NR			NR		
Arsenic	NR			NR			NR		
Barium	NR			NR			NR		
Beryllium	NR			NR			NR		
Cadmium	NR			NR			NR		
Calcium	NR			NR			NR		
Chromium	304		5.7	259		5.7	14.1		5.7
Cobalt	NR			NR			NR		
Copper	NR			NR			NR		
Iron	NR			NR			NR		
Lead	NR			NR			NR		
Magnesium	NR			NR			NR		
Manganese	NR			NR			NR		
Nickel	NR			NR			NR		
Potassium	NR			NR			NR		
Selenium	NR			NR			NR		
Silver	NR			NR			NR		
Sodium	NR			NR			NR		
Thallium	NR			NR			NR		
Vanadium	NR			NR			NR		
Zinc	NR			NR			NR		
WATER BY 245.1(UG/L)									
Mercury	NR			NR			NR		

NR: Not Analyzed

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U : Indicates the analyte was analy

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

Eurofins Environment
Eurofins Edison

Lab Job ID: 460-256367-1

Job Description: Precision Nat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 088

Client ID	Bathtub Seep			Cinder Block Seep		
Lab Sample ID	460-256367-7			460-256367-8		
Sampling Date	04/15/2022 09:30:00			04/15/2022 09:35:00		
Matrix	Water			Water		
Unit						
	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)						
Aluminum	NR			NR		
Antimony	NR			NR		
Arsenic	NR			NR		
Barium	NR			NR		
Beryllium	NR			NR		
Cadmium	NR			NR		
Calcium	NR			NR		
Chromium	25.3		5.7	5.7	U	5.7
Cobalt	NR			NR		
Copper	NR			NR		
Iron	NR			NR		
Lead	NR			NR		
Magnesium	NR			NR		
Manganese	NR			NR		
Nickel	NR			NR		
Potassium	NR			NR		
Selenium	NR			NR		
Silver	NR			NR		
Sodium	NR			NR		
Thallium	NR			NR		
Vanadium	NR			NR		
Zinc	NR			NR		

WATER BY 245.1(UG/L)						
Mercury	NR			NR		

NR: Not Analyzed

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-256367-1

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		
Lab Sample ID	460-256367-1			460-256367-2			460-256367-3			460-256367-4			460-256367-5		
Sampling Date	04/15/2022 10:10:00			04/15/2022 10:11:00			04/15/2022 10:12:00			04/15/2022 09:15:00			04/15/2022 09:16:00		
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)	25.6		8.1	8.1	U	8.1	8.1	U	8.1	119		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 Environment Te
Eurofins Edison

Lab Job ID: 460-256367-1

Job Description: Precision Nationa

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Seep Shed Effluent			Bathtub Seep			Cinder Block Seep		
Lab Sample ID	460-256367-6			460-256367-7			460-256367-8		
Sampling Date	04/15/2022 09:17:00			04/15/2022 09:30:00			04/15/2022 09:35:00		
Matrix	Water			Water			Water		
	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

U : Indicates the analyte was analyzed f

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-258420-1

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	460-258420-1			460-258420-2			460-258420-3			460-258420-4			460-258420-5			460-258420-6		
Sampling Date	05/19/2022 12:30:00			05/19/2022 12:31:00			05/19/2022 12:22:00			05/19/2022 11:10:00			05/19/2022 11:11:00			05/19/2022 11:12:00		
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	43300		358	NR			42700		358	NR			NR			NR		
Chromium	32.1		5.7	5.7	U	5.7	5.7	U	5.7	358		5.7	360		5.7	5.7	U	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	1040		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	4400	J	329	NR			4380	J	329	NR			NR			NR		
Manganese	33.2		1.2	NR			44.9		1.2	NR			NR			NR		
Nickel	7.2	J	3.6	NR			3.6	U	3.6	NR			NR			NR		
Potassium	1280	J	492	NR			1100	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	17000		502	NR			16800		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	13.3	J	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 Testi
Eurofins Edison

Lab Job ID: 460-258420-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Trolley Track Seep			Bathtub Seep			Cinderblock Seep			Lagoon GW			Lagoon Sump			French Drain Sump		
Lab Sample ID	460-258420-7			460-258420-8			460-258420-9			460-258420-10			460-258420-11			460-258420-12		
Sampling Date	05/19/2022 11:25:00			05/19/2022 11:25:00			05/19/2022 11:20:00			05/19/2022 12:00:00			05/19/2022 11:50:00			05/19/2022 11:45:00		
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	NR			NR			NR			NR			NR			NR		
Antimony	NR			NR			NR			NR			NR			NR		
Arsenic	NR			NR			NR			NR			NR			NR		
Barium	NR			NR			NR			NR			NR			NR		
Beryllium	NR			NR			NR			NR			NR			NR		
Cadmium	NR			NR			NR			NR			NR			NR		
Calcium	NR			NR			NR			NR			NR			NR		
Chromium	116		5.7	26.9		5.7	202		5.7	31.0		5.7	29.5		5.7	50.0		5.7
Cobalt	NR			NR			NR			NR			NR			NR		
Copper	NR			NR			NR			NR			NR			NR		
Iron	NR			NR			NR			NR			NR			NR		
Lead	NR			NR			NR			NR			NR			NR		
Magnesium	NR			NR			NR			NR			NR			NR		
Manganese	NR			NR			NR			NR			NR			NR		
Nickel	NR			NR			NR			NR			NR			NR		
Potassium	NR			NR			NR			NR			NR			NR		
Selenium	NR			NR			NR			NR			NR			NR		
Silver	NR			NR			NR			NR			NR			NR		
Sodium	NR			NR			NR			NR			NR			NR		
Thallium	NR			NR			NR			NR			NR			NR		
Vanadium	NR			NR			NR			NR			NR			NR		
Zinc	NR			NR			NR			NR			NR			NR		
WATER BY 245.1(UG/L)																		
Mercury	NR			NR			NR			NR			NR			NR		

NR: Not Analyzed

J : Result is less than the RL but greater than

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: 460-258420-1

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	460-258420-1			460-258420-2			460-258420-3			460-258420-4			460-258420-5			460-258420-6		
Sampling Date	05/19/2022 12:30:00			05/19/2022 12:31:00			05/19/2022 12:22:00			05/19/2022 11:10:00			05/19/2022 11:11:00			05/19/2022 11:12:00		
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	306		16.3	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 Environment Testi

Eurofins Edison

Lab Job ID: 460-258420-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Trolley Track Seep			Bathtub Seep			Cinderblock Seep			Lagoon GW			Lagoon Sump			French Drain Sump		
Lab Sample ID	460-258420-7			460-258420-8			460-258420-9			460-258420-10			460-258420-11			460-258420-12		
Sampling Date	05/19/2022 11:25:00			05/19/2022 11:25:00			05/19/2022 11:20:00			05/19/2022 12:00:00			05/19/2022 11:50:00			05/19/2022 11:45:00		
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)	69.1		40.7	8.1	U	8.1	16.3	U	16.3	19.2		8.1	20.3		8.1	18.1		8.1

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: 460-260223-1

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	460-260223-1			460-260223-2			460-260223-3			460-260223-4			460-260223-5			460-260223-6		
Sampling Date	06/16/2022 15:00:00			06/16/2022 15:01:00			06/16/2022 15:02:00			06/16/2022 13:00:00			06/16/2022 13:01:00			06/16/2022 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	48800		358	NR			46300		358	NR			NR			NR		
Chromium	60.5		5.7	5.7	U	5.7	5.7	U	5.7	306		5.7	256		5.7	5.7	U	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	1280		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	4700	J	329	NR			4440	J	329	NR			NR			NR		
Manganese	248		1.2	NR			1.7	J	1.2	NR			NR			NR		
Nickel	6.0	J	3.6	NR			3.6	U	3.6	NR			NR			NR		
Potassium	492	U	492	NR			492	U	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	20500		502	NR			19900		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	26.5	J	4.5	NR			5.3	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

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

Eurofins Environment Testi
Eurofins Edison

Lab Job ID: 460-260223-1

Job Description: Precision National Pl

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Cinder Block Seep			Bathtub Seep			Lagoon Sump			French Drain Sump		
Lab Sample ID	460-260223-7			460-260223-8			460-260223-9			460-260223-10		
Sampling Date	06/16/2022 13:25:00			06/16/2022 13:15:00			06/16/2022 14:40:00			06/16/2022 14:45:00		
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)												
Aluminum	NR			NR			NR			NR		
Antimony	NR			NR			NR			NR		
Arsenic	NR			NR			NR			NR		
Barium	NR			NR			NR			NR		
Beryllium	NR			NR			NR			NR		
Cadmium	NR			NR			NR			NR		
Calcium	NR			NR			NR			NR		
Chromium	243		5.7	279		5.7	76.7		5.7	5.7	U	5.7
Cobalt	NR			NR			NR			NR		
Copper	NR			NR			NR			NR		
Iron	NR			NR			NR			NR		
Lead	NR			NR			NR			NR		
Magnesium	NR			NR			NR			NR		
Manganese	NR			NR			NR			NR		
Nickel	NR			NR			NR			NR		
Potassium	NR			NR			NR			NR		
Selenium	NR			NR			NR			NR		
Silver	NR			NR			NR			NR		
Sodium	NR			NR			NR			NR		
Thallium	NR			NR			NR			NR		
Vanadium	NR			NR			NR			NR		
Zinc	NR			NR			NR			NR		
WATER BY 245.1(UG/L)												
Mercury	NR			NR			NR			NR		

NR: Not Analyzed

J : Result is less than the RL but greater than

U : Indicates the analyte was analyzed for b

Lab Contact:

Grace Chang

Project Manager II

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

Lab Job ID: 460-260223-1

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	460-260223-1			460-260223-2			460-260223-3			460-260223-4			460-260223-5			460-260223-6		
Sampling Date	06/16/2022 15:00:00			06/16/2022 15:01:00			06/16/2022 15:02:00			06/16/2022 13:00:00			06/16/2022 13:01:00			06/16/2022 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)	25.6		8.1	8.1	U	8.1	8.1	U	8.1	215		16.3	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 Environment Testi**Eurofins Edison**

Lab Job ID: 460-260223-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Cinder Block Seep			Bathtub Seep			Lagoon Sump			French Drain Sump		
Lab Sample ID	460-260223-7			460-260223-8			460-260223-9			460-260223-10		
Sampling Date	06/16/2022 13:25:00			06/16/2022 13:15:00			06/16/2022 14:40:00			06/16/2022 14:45:00		
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	50.3		8.1	8.1	U	8.1

U : Indicates the analyte was analyzed for b

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

SEMIANNUAL GROUNDWATER MONITORING RESULTS

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-256118-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-48S			OMW-48			OMW-38			MW-38S			MW-38I			OMW-44		
Lab Sample ID	460-256118-1			460-256118-2			460-256118-3			460-256118-4			460-256118-5			460-256118-6		
Sampling Date	04/12/2022 15:35:00			04/12/2022 14:55:00			04/12/2022 14:10:00			04/12/2022 13:20:00			04/12/2022 12:05:00			04/12/2022 10:35:00		
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	32.0		5.7	93.0		5.7	5.7	U	5.7	9.8	J	5.7	5.7	U	5.7	5.8	J	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

Eurofins Edison

Lab Job ID: 460-256118-1

Job Description: Precision Natic

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-42			MW-41D			MW-40I			OMW-40			MW-40D			OMW-41		
Lab Sample ID	460-256118-7			460-256118-8			460-256118-9			460-256118-10			460-256118-11			460-256118-12		
Sampling Date	04/12/2022 14:15:00			04/12/2022 13:25:00			04/12/2022 11:10:00			04/12/2022 11:50:00			04/12/2022 10:20:00			04/12/2022 12:40:00		
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	113		5.7	5.7	U	5.7	38.1		5.7	180		5.7	5.9	J	5.7	102		5.7

J : Result is less than the RL but greater than the MDL

U : Indicates the analyte was analyzed but not detected

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment

Eurofins Edison

Lab Job ID: 460-256118-1

Job Description: Precision Natic

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-42D			MW-43S			OMW-47			MW-39D			MW-39S			OMW-39		
Lab Sample ID	460-256118-13			460-256118-14			460-256118-15			460-256118-16			460-256118-17			460-256118-18		
Sampling Date	04/12/2022 14:55:00			04/12/2022 15:40:00			04/12/2022 15:40:00			04/12/2022 15:25:00			04/12/2022 12:00:00			04/12/2022 10:35:00		
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	5.7	U	5.7	32.7		5.7	21.5		5.7	5.7	U	5.7	63.2		5.7	14.6		5.7

J : Result is less than the RL but greater than the MDL

U : Indicates the analyte was analyzed but not detected

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-256118-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-48S			OMW-48			OMW-38			MW-38S			MW-38I			OMW-44		
Lab Sample ID	460-256118-1			460-256118-2			460-256118-3			460-256118-4			460-256118-5			460-256118-6		
Sampling Date	04/12/2022 15:35:00			04/12/2022 14:55:00			04/12/2022 14:10:00			04/12/2022 13:20:00			04/12/2022 12:05:00			04/12/2022 10:35:00		
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	50.9		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:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environ

Eurofins Edison

Lab Job ID: 460-256118

Job Description: Precisi
Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jers

Client ID	OMW-42			MW-41D			MW-40I			OMW-40			MW-40D			OMW-41		
Lab Sample ID	460-256118-7			460-256118-8			460-256118-9			460-256118-10			460-256118-11			460-256118-12		
Sampling Date	04/12/2022 14:15:00			04/12/2022 13:25:00			04/12/2022 11:10:00			04/12/2022 11:50:00			04/12/2022 10:20:00			04/12/2022 12:40:00		
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)	12.5		8.1	8.1	U	8.1	8.1	U	8.1	88.3		8.1	8.1	U	8.1	27.9		8.1

U : Indicates the analyte w:

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environ

Eurofins Edison

Lab Job ID: 460-256118

Job Description: Precisi
Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jers

Client ID	MW-42D			MW-43S			OMW-47			MW-39D			MW-39S			OMW-39		
Lab Sample ID	460-256118-13			460-256118-14			460-256118-15			460-256118-16			460-256118-17			460-256118-18		
Sampling Date	04/12/2022 14:55:00			04/12/2022 15:40:00			04/12/2022 15:40:00			04/12/2022 15:25:00			04/12/2022 12:00:00			04/12/2022 10:35:00		
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	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte w:

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-256205-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-14S			OMW-46			MW-46S			OMW-18			MW-15S			MW-9D			OMW-24		
Lab Sample ID	460-256205-1			460-256205-2			460-256205-3			460-256205-4			460-256205-5			460-256205-6			460-256205-7		
Sampling Date	04/13/2022 13:05:00			04/13/2022 10:05:00			04/13/2022 11:50:00			04/13/2022 15:15:00			04/13/2022 09:45:00			04/13/2022 12:25:00			04/13/2022 13:45:00		
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	7.3	J	5.7	15.4		5.7	174		5.7	5.7	U	5.7	132		5.7	5.7	U	5.7	101		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 Environmer

Eurofins Edison

Lab Job ID: 460-256205-1

Job Description: Precision Na

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08

Client ID	MW-9S			SB-21			MW-9IA			MW-9IB			OMW-15			OMW-45		
Lab Sample ID	460-256205-8			460-256205-9			460-256205-10			460-256205-11			460-256205-12			460-256205-13		
Sampling Date	04/13/2022 10:35:00			04/13/2022 15:35:00			04/13/2022 14:25:00			04/13/2022 12:00:00			04/13/2022 11:20:00			04/13/2022 15:10:00		
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	138		5.7	16.6		5.7	116		5.7	5.7	U	5.7	5.7	J	5.7	17.6		5.7

J : Result is less than the RL but gr

U : Indicates the analyte was anal

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environmer

Eurofins Edison

Lab Job ID: 460-256205-1

Job Description: Precision Na

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 085

Client ID	MW-45S			OMW-43			AGM-5S			AGM-5I			MW-43D			OMW-19		
Lab Sample ID	460-256205-14			460-256205-15			460-256205-16			460-256205-17			460-256205-18			460-256205-19		
Sampling Date	04/13/2022 14:45:00			04/13/2022 13:25:00			04/13/2022 10:00:00			04/13/2022 10:35:00			04/13/2022 11:55:00			04/13/2022 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	40.3		5.7	83.2		5.7	23.0		5.7	5.7	U	5.7	5.7	U	5.7	36.7		5.7

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-256205-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-14S			OMW-46			MW-46S			OMW-18			MW-15S			MW-9D			OMW-24		
Lab Sample ID	460-256205-1			460-256205-2			460-256205-3			460-256205-4			460-256205-5			460-256205-6			460-256205-7		
Sampling Date	04/13/2022 13:05:00			04/13/2022 10:05:00			04/13/2022 11:50:00			04/13/2022 15:15:00			04/13/2022 09:45:00			04/13/2022 12:25:00			04/13/2022 13:45:00		
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	81.4	U	81.4	8.1	U	8.1	16.3	U	16.3	8.1	U	8.1	84.6		8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment**Eurofins Edison**

Lab Job ID: 460-256205-1

Job Description: Precision Nati

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	MW-9S			SB-21			MW-9IA			MW-9IB			OMW-15			OMW-45		
Lab Sample ID	460-256205-8			460-256205-9			460-256205-10			460-256205-11			460-256205-12			460-256205-13		
Sampling Date	04/13/2022 10:35:00			04/13/2022 15:35:00			04/13/2022 14:25:00			04/13/2022 12:00:00			04/13/2022 11:20:00			04/13/2022 15:10:00		
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)	112		8.1	8.1	U	8.1	107		8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyz

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment

Eurofins Edison

Lab Job ID: 460-256205-1

Job Description: Precision Nati

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	MW-45S			OMW-43			AGM-5S			AGM-5I			MW-43D			OMW-19		
Lab Sample ID	460-256205-14			460-256205-15			460-256205-16			460-256205-17			460-256205-18			460-256205-19		
Sampling Date	04/13/2022 14:45:00			04/13/2022 13:25:00			04/13/2022 10:00:00			04/13/2022 10:35:00			04/13/2022 11:55:00			04/13/2022 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	8.1	U	8.1	16.3	U	16.3	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyz

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-256297-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	AGM-4I			OMW-29			AGM-2I			AGM-2S			OMW-26			AGM-4S		
Lab Sample ID	460-256297-1			460-256297-2			460-256297-3			460-256297-4			460-256297-5			460-256297-6		
Sampling Date	04/14/2022 14:40:00			04/14/2022 12:40:00			04/14/2022 11:45:00			04/14/2022 10:55:00			04/14/2022 15:35:00			04/14/2022 14:35:00		
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																		
Chromium	5.7	U	5.7	126		5.7	5.7	U	5.7	5.7	U	5.7	22.6		5.7	5.7	U	5.7

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environme
Eurofins Edison

Lab Job ID: 460-256297-1
 Job Description: Precision I
 Plating
 For:
 ARCADIS U.S., Inc
 1 Harvard Way
 Hillsborough, New Jersey 0

Client ID	OMW-27			OMW-49			AGM-3I			MW-16S			MW-49S			OMW-28		
Lab Sample ID	460-256297-7			460-256297-8			460-256297-9			460-256297-10			460-256297-11			460-256297-12		
Sampling Date	04/14/2022 12:35:00			04/14/2022 12:40:00			04/14/2022 11:25:00			04/14/2022 13:25:00			04/14/2022 12:20:00			04/14/2022 10:40:00		
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																		
Chromium	143		5.7	92.9		5.7	5.7	U	5.7	5.7	U	5.7	5.7	U	5.7	110		28.7

U : Indicates the analyte was an.

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

Eurofins Environme
Eurofins Edison

Lab Job ID: 460-256297-1

Job Description: Precision I

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0

Client ID	TROLLEY TRACK SEEP			OMW-50		
Lab Sample ID	460-256297-14			460-256297-15		
Sampling Date	04/14/2022 14:15:00			04/14/2022 10:30:00		
Matrix	Water			Water		
Unit						
	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV						
Chromium	301		5.7	31.8		5.7

U : Indicates the analyte was an:

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-256297-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	AGM-4I			OMW-29			AGM-2I			AGM-2S			OMW-26			AGM-4S		
Lab Sample ID	460-256297-1			460-256297-2			460-256297-3			460-256297-4			460-256297-5			460-256297-6		
Sampling Date	04/14/2022 14:40:00			04/14/2022 12:40:00			04/14/2022 11:45:00			04/14/2022 10:55:00			04/14/2022 15:35:00			04/14/2022 14:35:00		
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	8.1	U	8.1	8.1	U	8.1

F1 : MS and/or MSD recovery exceeds control limits.

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment

Eurofins Edison

Lab Job ID: 460-256297-1

Job Description: Precision Nati

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	OMW-27			OMW-49			AGM-31			MW-16S			MW-49S			OMW-28		
Lab Sample ID	460-256297-7			460-256297-8			460-256297-9			460-256297-10			460-256297-11			460-256297-12		
Sampling Date	04/14/2022 12:35:00			04/14/2022 12:40:00			04/14/2022 11:25:00			04/14/2022 13:25:00			04/14/2022 12:20:00			04/14/2022 10:40:00		
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 F1	8.1	60.8		8.1	8.1	U F1	8.1	8.1	U	8.1	8.1	U	8.1	40.7	U	40.7

F1 : MS and/or MSD recovery excee

U : Indicates the analyte was analyz

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment**Eurofins Edison**

Lab Job ID: 460-256297-1

Job Description: Precision Nati

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	TROLLEY TRACK SEEP			OMW-50		
Lab Sample ID	460-256297-14			460-256297-15		
Sampling Date	04/14/2022 14:15:00			04/14/2022 10:30:00		
Matrix	Water			Water		
	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A						
Cr (VI) (ug/l)	136		40.7	8.1	U	8.1

F1 : MS and/or MSD recovery excee

U : Indicates the analyte was analyz

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-256365-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-1			SB-13			IP-12			SB-17			SB-29			SB-16		
Lab Sample ID	460-256365-1			460-256365-2			460-256365-3			460-256365-4			460-256365-5			460-256365-6		
Sampling Date	04/15/2022 16:50:00			04/15/2022 13:50:00			04/15/2022 11:20:00			04/15/2022 10:45:00			04/15/2022 14:15:00			04/15/2022 11:59:00		
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	38.6		5.7	31.7		5.7	28.3		5.7	18.1		5.7	13.2		5.7	7.0	J	5.7

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testi**Eurofins Edison**

Lab Job ID: 460-256365-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-11			SB-12			SB-11		
Lab Sample ID	460-256365-7			460-256365-8			460-256365-9		
Sampling Date	04/15/2022 10:10:00			04/15/2022 13:10:00			04/15/2022 12:15:00		
Matrix	Water			Water			Water		
Unit									
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)									
Chromium	1200		5.7	19.5		5.7	41.4		5.7

J : Result is less than the RL but greater than

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-256365-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-1			SB-13			IP-12			SB-17			SB-29			SB-16		
Lab Sample ID	460-256365-1			460-256365-2			460-256365-3			460-256365-4			460-256365-5			460-256365-6		
Sampling Date	04/15/2022 16:50:00			04/15/2022 13:50:00			04/15/2022 11:20:00			04/15/2022 10:45:00			04/15/2022 14:15:00			04/15/2022 11:59:00		
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)	21.0		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:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testi**Eurofins Edison**

Lab Job ID: 460-256365-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-11			SB-12			SB-11		
Lab Sample ID	460-256365-7			460-256365-8			460-256365-9		
Sampling Date	04/15/2022 10:10:00			04/15/2022 13:10:00			04/15/2022 12:15:00		
Matrix	Water			Water			Water		
	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

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: 460-256497-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-8			MW-24			MW-23			IP-19			MW-30			IP-2		
Lab Sample ID	460-256497-1			460-256497-2			460-256497-3			460-256497-4			460-256497-5			460-256497-6		
Sampling Date	04/18/2022 12:35:00			04/18/2022 11:55:00			04/18/2022 10:40:00			04/18/2022 15:20:00			04/18/2022 13:25:00			04/18/2022 12:10:00		
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	5.7	U	5.7	134		5.7	33.0		5.7	7.5	J	5.7	5.7	U	5.7	61.8		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
Eurofins Edison

Lab Job ID: 460-256497-1

Job Description: Precision Natic

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	SB-3			IP-3			SB-28			IP-8			OMW-11			IP-4		
Lab Sample ID	460-256497-7			460-256497-8			460-256497-9			460-256497-10			460-256497-11			460-256497-12		
Sampling Date	04/18/2022 10:30:00			04/18/2022 10:30:00			04/18/2022 13:30:00			04/18/2022 15:35:00			04/18/2022 11:25:00			04/18/2022 14:45:00		
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	26.7		5.7	53.9		5.7	972		5.7	89.8		5.7	6.5	J	5.7	215		5.7

J : Result is less than the RL but great

U : Indicates the analyte was analyze

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment
Eurofins Edison

Lab Job ID: 460-256497-1

Job Description: Precision Natic

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-5			IP-1			SB-1			SB-2		
Lab Sample ID	460-256497-13			460-256497-14			460-256497-15			460-256497-16		
Sampling Date	04/18/2022 14:45:00			04/18/2022 13:25:00			04/18/2022 15:30:00			04/18/2022 12:20:00		
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	48.2		5.7	7.4	J	5.7	28.9		5.7	353		5.7

J : Result is less than the RL but greater than the MDL

U : Indicates the analyte was analyzed

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-256497-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-8			MW-24			MW-23			IP-19			MW-30			IP-2		
Lab Sample ID	460-256497-1			460-256497-2			460-256497-3			460-256497-4			460-256497-5			460-256497-6		
Sampling Date	04/18/2022 12:35:00			04/18/2022 11:55:00			04/18/2022 10:40:00			04/18/2022 15:20:00			04/18/2022 13:25:00			04/18/2022 12:10:00		
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	108		8.1	16.3	U	16.3	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:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment
Eurofins Edison

Lab Job ID: 460-256497-1

Job Description: Precision Natio

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	SB-3			IP-3			SB-28			IP-8			OMW-11			IP-4		
Lab Sample ID	460-256497-7			460-256497-8			460-256497-9			460-256497-10			460-256497-11			460-256497-12		
Sampling Date	04/18/2022 10:30:00			04/18/2022 10:30:00			04/18/2022 13:30:00			04/18/2022 15:35:00			04/18/2022 11:25:00			04/18/2022 14:45:00		
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)	18.9		8.1	8.1	U	8.1	40.7	U	40.7	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyze

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment
Eurofins Edison

Lab Job ID: 460-256497-1

Job Description: Precision Natio

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	IP-5			IP-1			SB-1			SB-2		
Lab Sample ID	460-256497-13			460-256497-14			460-256497-15			460-256497-16		
Sampling Date	04/18/2022 14:45:00			04/18/2022 13:25:00			04/18/2022 15:30:00			04/18/2022 12:20:00		
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	81.4	U	81.4	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was analyze

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC**Eurofins Edison****Lab Job ID: 460-256572-1****Job Description: Precision National****Plating****For:****ARCADIS U.S., Inc****1 Harvard Way****Hillsborough, New Jersey 08844**

Client ID	MW-3D			MW-3S			OMW-10			SB-4			OMW-20			SB-23		
Lab Sample ID	460-256572-1			460-256572-2			460-256572-3			460-256572-4			460-256572-5			460-256572-6		
Sampling Date	04/19/2022 12:00:00			04/19/2022 12:55:00			04/19/2022 13:55:00			04/19/2022 15:10:00			04/19/2022 12:35:00			04/19/2022 10:05:00		
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	27.8		5.7	6.2	J	5.7	975		5.7	99.4		5.7	27.4		5.7	17.9		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 Environmen
Eurofins Edison

Lab Job ID: 460-256572-1

Job Description: Precision Na
 Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 088

Client ID	IP-17			OMW-2			IP-10			SB-24			SB-E			SB-25		
Lab Sample ID	460-256572-7			460-256572-8			460-256572-9			460-256572-10			460-256572-11			460-256572-12		
Sampling Date	04/19/2022 15:10:00			04/19/2022 15:20:00			04/19/2022 13:05:00			04/19/2022 14:00:00			04/19/2022 11:55:00			04/19/2022 12:55:00		
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	10.6		5.7	78.2		5.7	18400		5.7	9.5	J	5.7	211		5.7	147		5.7

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

Grace Chang

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Eurofins Environmen
Eurofins Edison

Lab Job ID: 460-256572-1

Job Description: Precision Na
 Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 088

Client ID	MW-B01D			MW-B01S			IP-13			IP-16			IP-15			SB-27		
Lab Sample ID	460-256572-13			460-256572-14			460-256572-15			460-256572-16			460-256572-17			460-256572-18		
Sampling Date	04/19/2022 10:50:00			04/19/2022 10:00:00			04/19/2022 11:30:00			04/19/2022 15:15:00			04/19/2022 11:25:00			04/19/2022 13:15:00		
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	2010		5.7	29.5		5.7	37.3		5.7	5.7	U	5.7	10.2		5.7	94.3		5.7

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

Grace Chang

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Eurofins Environmen
Eurofins Edison

Lab Job ID: 460-256572-1

Job Description: Precision Na
 Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 088

Client ID	SB-9			IP-14			SB-26			SB-7			SB-22		
Lab Sample ID	460-256572-19			460-256572-20			460-256572-21			460-256572-22			460-256572-23		
Sampling Date	04/19/2022 14:50:00			04/19/2022 12:55:00			04/19/2022 12:05:00			04/19/2022 10:20:00			04/19/2022 15:45:00		
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	176		5.7	641		5.7	156		5.7	1550		5.7	5.7	U	5.7

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

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

Lab Job ID: 460-256572-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-3D			MW-3S			OMW-10			SB-4			OMW-20			SB-23		
Lab Sample ID	460-256572-1			460-256572-2			460-256572-3			460-256572-4			460-256572-5			460-256572-6		
Sampling Date	04/19/2022 12:00:00			04/19/2022 12:55:00			04/19/2022 13:55:00			04/19/2022 15:10:00			04/19/2022 12:35:00			04/19/2022 10:05:00		
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	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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Project Manager II

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Eurofins Environme
Eurofins Edison

Lab Job ID: 460-256572-1

Job Description: Precision I

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0

Client ID	IP-17			OMW-2			IP-10			SB-24			SB-E			SB-25		
Lab Sample ID	460-256572-7			460-256572-8			460-256572-9			460-256572-10			460-256572-11			460-256572-12		
Sampling Date	04/19/2022 15:10:00			04/19/2022 15:20:00			04/19/2022 13:05:00			04/19/2022 14:00:00			04/19/2022 11:55:00			04/19/2022 12:55:00		
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	26.2		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 an:

Lab Contact:

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Eurofins Environme
Eurofins Edison

Lab Job ID: 460-256572-1
 Job Description: Precision I
 Plating
 For:
 ARCADIS U.S., Inc
 1 Harvard Way
 Hillsborough, New Jersey 0

Client ID	MW-B01D			MW-B01S			IP-13			IP-16			IP-15			SB-27		
Lab Sample ID	460-256572-13			460-256572-14			460-256572-15			460-256572-16			460-256572-17			460-256572-18		
Sampling Date	04/19/2022 10:50:00			04/19/2022 10:00:00			04/19/2022 11:30:00			04/19/2022 15:15:00			04/19/2022 11:25:00			04/19/2022 13:15:00		
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)	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

U : Indicates the analyte was an:

Lab Contact:
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Eurofins Environme

Eurofins Edison

Lab Job ID: 460-256572-1

Job Description: Precision I

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0

Client ID	SB-9			IP-14			SB-26			SB-7			SB-22		
Lab Sample ID	460-256572-19			460-256572-20			460-256572-21			460-256572-22			460-256572-23		
Sampling Date	04/19/2022 14:50:00			04/19/2022 12:55:00			04/19/2022 12:05:00			04/19/2022 10:20:00			04/19/2022 15:45:00		
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	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was an:

Lab Contact:

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

Lab Job ID: 460-256619-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-33S			MW-27I			MW-33I			MW-32S			MW-35I			MW-CS		
Lab Sample ID	460-256619-1			460-256619-2			460-256619-3			460-256619-4			460-256619-5			460-256619-6		
Sampling Date	04/20/2022 13:15:00			04/20/2022 14:15:00			04/20/2022 11:55:00			04/20/2022 10:10:00			04/20/2022 11:40:00			04/20/2022 13:45:00		
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	6.0	J	5.7	6.2	J	5.7	5.7	U	5.7	5.7	U	5.7	5.7	U	5.7	22.9		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
Eurofins Edison

Lab Job ID: 460-256619-1

Job Description: Precision Nati

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	MW-35S			MW-34I			MW-CI			MW-22I			MW-34S			MW-26S		
Lab Sample ID	460-256619-7			460-256619-8			460-256619-9			460-256619-10			460-256619-11			460-256619-12		
Sampling Date	04/20/2022 12:40:00			04/20/2022 10:40:00			04/20/2022 14:25:00			04/20/2022 15:15:00			04/20/2022 09:55:00			04/20/2022 13:25:00		
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	7.9	J	5.7	5.7	U	5.7	5.7	U	5.7	42.1		5.7	9.2	J	5.7	5.7	U	5.7

J : Result is less than the RL but grea

U : Indicates the analyte was analyz

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment
Eurofins Edison

Lab Job ID: 460-256619-1

Job Description: Precision Nati

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	MW-28I			MW-36S			MW-29			MW-26I			MW-28S			MW-37S		
Lab Sample ID	460-256619-13			460-256619-14			460-256619-15			460-256619-16			460-256619-17			460-256619-18		
Sampling Date	04/20/2022 10:20:00			04/20/2022 10:15:00			04/20/2022 14:35:00			04/20/2022 12:35:00			04/20/2022 11:25:00			04/20/2022 15:30:00		
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	11.1		5.7	5.7	U	5.7	85.7		5.7	5.7	U	5.7	19.1		5.7	19.1		5.7

J : Result is less than the RL but grea

U : Indicates the analyte was analyz

Lab Contact:

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Eurofins Environment
Eurofins Edison

Lab Job ID: 460-256619-1

Job Description: Precision Nati

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	MW-36I			OMW-13		
Lab Sample ID	460-256619-19			460-256619-20		
Sampling Date	04/20/2022 12:10:00			04/20/2022 15:25:00		
Matrix	Water			Water		
Unit						
	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)						
Chromium	25.3		5.7	5.7	U	5.7

J : Result is less than the RL but grea

U : Indicates the analyte was analyz

Lab Contact:

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

Lab Job ID: 460-256619-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-33S			MW-27I			MW-33I			MW-32S			MW-35I			MW-CS		
Lab Sample ID	460-256619-1			460-256619-2			460-256619-3			460-256619-4			460-256619-5			460-256619-6		
Sampling Date	04/20/2022 13:15:00			04/20/2022 14:15:00			04/20/2022 11:55:00			04/20/2022 10:10:00			04/20/2022 11:40:00			04/20/2022 13:45:00		
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	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 Environmei
Eurofins Edison

Lab Job ID: 460-256619-1
 Job Description: Precision N
 Plating
 For:
 ARCADIS U.S., Inc
 1 Harvard Way
 Hillsborough, New Jersey 08

Client ID	MW-35S			MW-34I			MW-CI			MW-22I			MW-34S			MW-26S		
Lab Sample ID	460-256619-7			460-256619-8			460-256619-9			460-256619-10			460-256619-11			460-256619-12		
Sampling Date	04/20/2022 12:40:00			04/20/2022 10:40:00			04/20/2022 14:25:00			04/20/2022 15:15:00			04/20/2022 09:55:00			04/20/2022 13:25:00		
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	16.3	U	16.3	8.1	U	8.1

U : Indicates the analyte was ana

Lab Contact:
 Grace Chang
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Eurofins Environmei
Eurofins Edison

Lab Job ID: 460-256619-1
 Job Description: Precision N
 Plating
 For:
 ARCADIS U.S., Inc
 1 Harvard Way
 Hillsborough, New Jersey 08

Client ID	MW-28I			MW-36S			MW-29			MW-26I			MW-28S			MW-37S		
Lab Sample ID	460-256619-13			460-256619-14			460-256619-15			460-256619-16			460-256619-17			460-256619-18		
Sampling Date	04/20/2022 10:20:00			04/20/2022 10:15:00			04/20/2022 14:35:00			04/20/2022 12:35:00			04/20/2022 11:25:00			04/20/2022 15:30:00		
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	10.8		8.1	14.0		8.1

U : Indicates the analyte was ana

Lab Contact:
 Grace Chang
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Eurofins Environmei
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Lab Job ID: 460-256619-1
 Job Description: Precision N
 Plating
 For:
 ARCADIS U.S., Inc
 1 Harvard Way
 Hillsborough, New Jersey 08

Client ID	MW-36I			OMW-13		
Lab Sample ID	460-256619-19			460-256619-20		
Sampling Date	04/20/2022 12:10:00			04/20/2022 15:25:00		
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 ana

Lab Contact:
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Eurofins Environment Testing Northeast, LLC**Eurofins Edison**

Lab Job ID: 460-256706-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-31			MW-19I			OMW-4			MW-19S			MW-13S		
Lab Sample ID	460-256706-1			460-256706-2			460-256706-3			460-256706-4			460-256706-5		
Sampling Date	04/21/2022 14:45:00			04/21/2022 13:20:00			04/21/2022 15:35:00			04/21/2022 14:05:00			04/21/2022 11:25:00		
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															
Chromium	138		5.7	29.1		5.7	91.8		5.7	20.2		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 Environmei**Eurofins Edison**

Lab Job ID: 460-256706-1

Job Description: Precision N

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08

Client ID	OMW-23			OMW-21			MW-11S			MW-18S			MW-AD			MW-12S		
Lab Sample ID	460-256706-7			460-256706-8			460-256706-9			460-256706-10			460-256706-11			460-256706-12		
Sampling Date	04/21/2022 10:45:00			04/21/2022 15:40:00			04/21/2022 11:05:00			04/21/2022 11:25:00			04/21/2022 13:55:00			04/21/2022 10:25:00		
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																		
Chromium	26.6		5.7	264		5.7	95.7		5.7	36.6		5.7	5.7	U	5.7	5.8	J	5.7

J : Result is less than the RL but g

U : Indicates the analyte was ana

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environmei**Eurofins Edison**

Lab Job ID: 460-256706-1

Job Description: Precision N

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08

Client ID	OMW-5			OMW-17			MW-11I			OMW-30			MW-18I		
Lab Sample ID	460-256706-13			460-256706-14			460-256706-15			460-256706-16			460-256706-17		
Sampling Date	04/21/2022 15:50:00			04/21/2022 12:15:00			04/21/2022 10:15:00			04/21/2022 12:00:00			04/21/2022 11:15:00		
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															
Chromium	5.7	J	5.7	8.9	J	5.7	42.4		5.7	437		5.7	5.7	U	5.7

J : Result is less than the RL but g

U : Indicates the analyte was ana

Lab Contact:

Grace Chang

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Eurofins Environme**Eurofins Edison**

Lab Job ID: 460-256706-1

Job Description: Precision N

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08

Client ID	MW-12I			OMW-16			MW-10S			MW-AS			MW-10I		
Lab Sample ID	460-256706-19			460-256706-20			460-256706-21			460-256706-22			460-256706-23		
Sampling Date	04/21/2022 09:50:00			04/21/2022 09:50:00			04/21/2022 11:35:00			04/21/2022 14:50:00			04/21/2022 10:40:00		
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															
Chromium	17.9		5.7	5.7	U	5.7	1050		5.7	8.5	J	5.7	56.0		5.7

J : Result is less than the RL but g

U : Indicates the analyte was ana

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Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-256706-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-31			MW-19I			OMW-4			MW-19S						MW-13S		
Lab Sample ID	460-256706-1			460-256706-2			460-256706-3			460-256706-4			460-256706-5			460-256706-6		
Sampling Date	04/21/2022 14:45:00			04/21/2022 13:20:00			04/21/2022 15:35:00			04/21/2022 14:05:00			04/21/2022 11:25:00			04/21/2022 14:05:00		
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)	85.8		8.1	8.1	U	8.1	42.6		8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

H : Sample was prepped or analyzed beyond the specified holding time

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

J-: After validation, result is qualified as estimated, biased low.

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environm

Eurofins Edison

Lab Job ID: 460-256706-1

Job Description: Precision

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey

Client ID	OMW-23			OMW-21			MW-11S			MW-18S			MW-AD			MW-12S		
Lab Sample ID	460-256706-7			460-256706-8			460-256706-9			460-256706-10			460-256706-11			460-256706-12		
Sampling Date	04/21/2022 10:45:00			04/21/2022 15:40:00			04/21/2022 11:05:00			04/21/2022 11:25:00			04/21/2022 13:55:00			04/21/2022 10:25:00		
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 HJ-	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

H : Sample was prepped or analyzed

U : Indicates the analyte was at or below the MDL

J-: After validation, result is questionable

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environm

Eurofins Edison

Lab Job ID: 460-256706-1

Job Description: Precision

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey

Client ID	OMW-5			OMW-17			MW-111			OMW-30			MW-181		
Lab Sample ID	460-256706-13			460-256706-14			460-256706-15			460-256706-16			460-256706-17		
Sampling Date	04/21/2022 15:50:00			04/21/2022 12:15:00			04/21/2022 10:15:00			04/21/2022 12:00:00			04/21/2022 11:15:00		
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	12.3		8.1	8.1	U HJ-	8.1	8.1	U	8.1

H : Sample was prepped or analyzed

U : Indicates the analyte was at or below the MDL

J-: After validation, result is questionable

Lab Contact:

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Eurofins Environm

Eurofins Edison

Lab Job ID: 460-256706-1

Job Description: Precision

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey

Client ID	MW-12I			OMW-16			MW-10S			MW-AS			MW-10I		
Lab Sample ID	460-256706-19			460-256706-20			460-256706-21			460-256706-22			460-256706-23		
Sampling Date	04/21/2022 09:50:00			04/21/2022 09:50:00			04/21/2022 11:35:00			04/21/2022 14:50:00			04/21/2022 10:40:00		
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	8.1	U	8.1	8.1	U	8.1	8.1	U HJ-	8.1

H : Sample was prepped or analyzed

U : Indicates the analyte was at or below the MDL

J-: After validation, result is questionable

Lab Contact:

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

Lab Job ID: 460-256795-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-22			SB-5			MW-LS			OMW-32			OMW-3			SB-6		
Lab Sample ID	460-256795-1			460-256795-2			460-256795-3			460-256795-4			460-256795-5			460-256795-6		
Sampling Date	04/22/2022 12:50:00			04/22/2022 11:25:00			04/22/2022 09:45:00			04/22/2022 09:55:00			04/22/2022 10:35:00			04/22/2022 10:35:00		
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	13.3	F1, J-	5.7	6.7	J	5.7	23.0		5.7	560		5.7	785		5.7	26.1		5.7

F1 : MS and/or MSD recovery exceeds control limits.

J-: After validation, result is qualified as estimated, biased low.

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 Testi**Eurofins Edison**

Lab Job ID: 460-256795-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-4D			Lagoon SW			MW-BS			SB-10			MW-21S			MW-4S		
Lab Sample ID	460-256795-7			460-256795-8			460-256795-9			460-256795-10			460-256795-11			460-256795-12		
Sampling Date	04/22/2022 13:45:00			04/22/2022 10:45:00			04/22/2022 11:05:00			04/22/2022 11:00:00			04/22/2022 09:55:00			04/22/2022 13:05:00		
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	5.7	U	5.7	67.0		5.7	10.9		5.7	449		5.7	39.7		5.7	5.7	U	5.7

F1 : MS and/or MSD recovery exceeds cont

J-: After validation, result is qualified as est

J : Result is less than the RL but greater thar

U : Indicates the analyte was analyzed for b

Lab Contact:

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Eurofins Environment Testi**Eurofins Edison**

Lab Job ID: 460-256795-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-6			MW-BD			French Drain Sump			Lagoon Sump		
Lab Sample ID	460-256795-13			460-256795-14			460-256795-15			460-256795-16		
Sampling Date	04/22/2022 12:00:00			04/22/2022 10:05:00			04/22/2022 11:25:00			04/22/2022 10:40:00		
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	19.7		5.7	17.5		5.7	40.3		5.7	75.3		5.7

F1 : MS and/or MSD recovery exceeds cont

J-: After validation, result is qualified as est

J : Result is less than the RL but greater thar

U : Indicates the analyte was analyzed for b

Lab Contact:

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

Lab Job ID: 460-256795-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-22			SB-5			MW-LS			OMW-32			OMW-3			SB-6		
Lab Sample ID	460-256795-1			460-256795-2			460-256795-3			460-256795-4			460-256795-5			460-256795-6		
Sampling Date	04/22/2022 12:50:00			04/22/2022 11:25:00			04/22/2022 09:45:00			04/22/2022 09:55:00			04/22/2022 10:35:00			04/22/2022 10:35:00		
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	463		40.7	8.1	U	8.1	8.1	U	8.1

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

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Eurofins Environment Testi

Eurofins Edison

Lab Job ID: 460-256795-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-4D			Lagoon SW			MW-BS			SB-10			MW-21S			MW-4S		
Lab Sample ID	460-256795-7			460-256795-8			460-256795-9			460-256795-10			460-256795-11			460-256795-12		
Sampling Date	04/22/2022 13:45:00			04/22/2022 10:45:00			04/22/2022 11:05:00			04/22/2022 11:00:00			04/22/2022 09:55:00			04/22/2022 13:05:00		
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	65.0		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 b

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Eurofins Environment Testi**Eurofins Edison**

Lab Job ID: 460-256795-1

Job Description: Precision National Pla

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-6			MW-BD			French Drain Sump			Lagoon Sump		
Lab Sample ID	460-256795-13			460-256795-14			460-256795-15			460-256795-16		
Sampling Date	04/22/2022 12:00:00			04/22/2022 10:05:00			04/22/2022 11:25:00			04/22/2022 10:40:00		
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	29.8		8.1	67.2		8.1

U : Indicates the analyte was analyzed for b

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ADDITIONAL GROUNDWATER MONITORING RESULTS

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

Lab Job ID: 460-261064-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-24			OMW-32			MW-91A			MW-9S		
Lab Sample ID	460-261064-1			460-261064-2			460-261064-3			460-261064-4		
Sampling Date	06/29/2022 10:00:00			06/29/2022 14:45:00			06/29/2022 13:50:00			06/29/2022 14:05:00		
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	485		40.7	100		8.1	100		8.1

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

Lab Contact:

Grace Chang

Project Manager II

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