

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

Arcadis U.S., Inc.  
1 Harvard Way  
Suite 5  
Hillsborough  
New Jersey 08844  
Tel 908 526 1000  
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Subject:

Quarterly Progress Report: April through June 2021  
Precision National Plating Services, Inc.  
Clarks Summit, Pennsylvania  
Docket No. CERC-03-2012-0031DC

## ELECTRONIC MAIL

### ENVIRONMENT

Date:  
September 23, 2021

Contact:  
Lawrence G. Brunt, PE

Phone:  
908.526.1000

Email:  
Larry.brun@arcadis.com

Our ref:  
30054659.00004

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, 2021 and June 30, 2021. 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).

### **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 January through March 2021 to do the following:

- Precision performed semiannual groundwater, surface water, and seep monitoring in April 2021 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 21, 2021, 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 5.74 su and the temperature was 7.47° C.
- On April 21, 2021, the flow totalizer reading for the Seep Shed Treatment System was 7,133,156 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on May 14, 2021, 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 7.11 su and the temperature was 10.02° C.
- On May 14, 2021, the Seep Shed flow totalizer reading was 7,190,841 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on June 14, 2021, 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 6.72 su and the temperature was 16.81° C.
- On June 14, 2021, the flow totalizer reading for the Seep Shed Treatment System was 7,218,410 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 21, 2021, 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 5.20 su and the temperature was 11.29° C.
- By April 21, 2021, the total volume treated by the Lagoon Treatment System was approximately 37,343,535 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on May 14, 2021, 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 10.4° C.
- By May 14, 2021, the total volume treated by the Lagoon Treatment System was 37,507,488 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on June 14, 2021, 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 7.27 su and the temperature was 19.77° C.

- By June 14, 2021, the total volume treated by the Lagoon Treatment System was approximately 37,642,000 gallons.

#### Semiannual Groundwater and Seep Monitoring

- As approved in the 2012 RAP, groundwater, residential well, and seep samples were collected in April 2021. Additional samples of the seeps, sumps, and surface water in the lagoon were collected on May 14, 2021. 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 2021. Data is anticipated to be received four weeks after each sampling event.
- Semiannual monitoring of surface water is scheduled for July 2021.

#### **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 semiannual groundwater, residential well, and seep samples collected in April 2021 were received from TestAmerica Laboratories and validated. Summaries of the data are attached.

- Laboratory data for the April 21, 2021 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 an estimated concentration of 7.1 ug/L, which does not exceed the MCL of 100 ug/L.

- Laboratory data for the May 14, 2021 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 seep and lagoon water samples collected on May 14, 2021 were received from TestAmerica Laboratories and validated. A summary of the data is attached.
- Laboratory data for the June 14, 2021 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 12.8 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.**

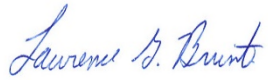
- None.

Ms. Ann DiDonato  
U.S. EPA  
September 23, 2021

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 2021. 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: 460-231890-1, 460-231957-1, 460-232050-1, 460-232139-1, 460-232243-1, 460-232410-1, 460-232412-1, 460-235264-1, 460-232581-1, 460-234400-1, and 460-236527-1.

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. The sample temperature, hold times, calibrations, laboratory control samples, duplicates, serial dilutions, and all other laboratory blanks were all within compliance criteria for all samples.

The following item was noted during the data review:

An error was made on the chain of custody (COC) for SDG 460-231890-1, where sample 460-231890-6 was inadvertently identified as MW-14S rather than MW-15S. The laboratory confirmed that the sample bottles were labelled as MW-15S and made the correction to the laboratory report as requested by Arcadis.

On the COC for SDG 460-232412-1, the requested analyses were listed but were not marked for each individual sample. Upon confirmation from Arcadis, the laboratory logged in the samples for analysis for hexavalent chromium and total chromium as indicated on the sample bottles.

In metals batch 460-775295, which included samples from PNP SDG 460-235264-1, the recovery of selenium was low (29%) in one matrix spike analysis. The sample used for this matrix spike was a PNP groundwater sample from MW-18I (460-232581-4). However, this groundwater sample was not analyzed for selenium. The laboratory analyzed another matrix spike (not a PNP sample) with the batch, which also served as the post-digestion spike. The recovery of all analytes was in compliance for all compounds in this second matrix spike. Since the PNP sample used for the first matrix spike was a groundwater sample that was not analyzed for selenium, it is not representative of the Lagoon Treatment System Influent and Effluent samples that were analyzed for selenium. Since selenium was not detected in either PNP system effluent sample and all other QA/QC parameters were in compliance, the selenium results are not qualified.

## Data Validation Summary

### **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 qualifications.

## **TREATMENT SYSTEM MONITORING RESULTS**



## Eurofins TestAmerica, Edison

TestAmerica Laboratories, Inc.

Eurofins TestAmerica, Edison

Lab Job ID: 460-232564-1

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                       | 460-232564-1        |   |       | 460-232564-2        |   |     | 460-232564-3        |   |       | 460-232564-4        |   |     | 460-232564-5        |   |     | 460-232564-6        |   |     |
| Sampling Date                       | 04/21/2021 11:50:00 |   |       | 04/21/2021 11:55:00 |   |     | 04/21/2021 12:00:00 |   |       | 04/21/2021 12:45:00 |   |     | 04/21/2021 12:46:00 |   |     | 04/21/2021 12:47:00 |   |     |
| 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 |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |       |                     |   |     |                     |   |       |                     |   |     |                     |   |     |                     |   |     |
| Aluminum                            | 40.7                | U | 40.7  | NR                  |   |     | 40.7                | U | 40.7  | 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                             | 69100               |   | 358   | NR                  |   |     | 65400               |   | 358   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Chromium                            | 213                 |   | 5.7   | 5.7                 | U | 5.7 | 5.7                 | U | 5.7   | 450                 |   | 5.7 | 437                 |   | 5.7 | 7.1                 | J | 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                                | 255                 |   | 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                           | 6510                |   | 329   | NR                  |   |     | 6140                |   | 329   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Manganese                           | 88.6                |   | 1.2   | NR                  |   |     | 3.1                 | J | 1.2   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Nickel                              | 12.2                | J | 3.6   | NR                  |   |     | 3.6                 | U | 3.6   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Potassium                           | 1290                | J | 492   | NR                  |   |     | 1300                | 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                              | 27000               |   | 502   | NR                  |   |     | 26100               |   | 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                                | 22.1                | J | 4.5   | NR                  |   |     | 6.6                 | J | 4.5   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| <b>WATER BY 245.1(UG/L)</b>         |                     |   |       |                     |   |     |                     |   |       |                     |   |     |                     |   |     |                     |   |     |
| 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

TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232564-1  
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  | 460-232564-1        |   |     | 460-232564-2        |   |     | 460-232564-3        |   |     | 460-232564-4        |   |      | 460-232564-5        |   |     | 460-232564-6        |   |     |
| Sampling Date  | 04/21/2021 11:50:00 |   |     | 04/21/2021 11:55:00 |   |     | 04/21/2021 12:00:00 |   |     | 04/21/2021 12:45:00 |   |      | 04/21/2021 12:46:00 |   |     | 04/21/2021 12:47:00 |   |     |
| 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) | 168                 |   | 8.1 | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 | 435                 |   | 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 TestAmerica, Edison

TestAmerica Laboratories, Inc.

Eurofins TestAmerica, Edison

Lab Job ID: 460-234400-1

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                       | 460-234400-1        |   |       | 460-234400-2        |   |     | 460-234400-3        |   |       | 460-234400-4        |   |     | 460-234400-5        |   |     | 460-234400-6        |   |     |
| Sampling Date                       | 05/14/2021 13:00:00 |   |       | 05/14/2021 13:01:00 |   |     | 05/14/2021 13:02:00 |   |       | 05/14/2021 10:45:00 |   |     | 05/14/2021 10:46:00 |   |     | 05/14/2021 10:47:00 |   |     |
| 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 |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |       |                     |   |     |                     |   |       |                     |   |     |                     |   |     |                     |   |     |
| Aluminum                            | 40.7                | U | 40.7  | NR                  |   |     | 40.7                | U | 40.7  | 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                             | 48600               |   | 358   | NR                  |   |     | 47200               |   | 358   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Chromium                            | 44.5                |   | 5.7   | 14.9                |   | 5.7 | 5.7                 | U | 5.7   | 248                 |   | 5.7 | 243                 |   | 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                                | 139                 | J | 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                           | 4600                | J | 329   | NR                  |   |     | 4260                | J | 329   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Manganese                           | 111                 |   | 1.2   | NR                  |   |     | 3.9                 | J | 1.2   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Nickel                              | 7.9                 | J | 3.6   | NR                  |   |     | 3.6                 | U | 3.6   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Potassium                           | 1000                | 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                              | 18000               |   | 502   | NR                  |   |     | 16400               |   | 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                                | 18.1                | J | 4.5   | NR                  |   |     | 6.3                 | J | 4.5   | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| <b>WATER BY 245.1(UG/L)</b>         |                     |   |       |                     |   |     |                     |   |       |                     |   |     |                     |   |     |                     |   |     |
| 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

## TestAmerica Laboratories, Inc

## Eurofins TestAmerica, Edison

Lab Job ID: 460-234400-1

Job Description: Precision National Plat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID                           | Cinder Block Seep   |   |     | Bath Tub Seep       |   |     | French Drain Sump   |   |     | Lagoon SW           |   |     |
|-------------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-234400-7        |   |     | 460-234400-8        |   |     | 460-234400-9        |   |     | 460-234400-10       |   |     |
| Sampling Date                       | 05/14/2021 11:05:00 |   |     | 05/14/2021 11:00:00 |   |     | 05/14/2021 13:30:00 |   |     | 05/14/2021 13:35:00 |   |     |
| Matrix                              | Water               |   |     | Water               |   |     | Water               |   |     | Water               |   |     |
| Unit                                |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
|                                     | Result              | Q | MDL | Result              | Q | MDL | Result              | Q | MDL | Result              | Q | MDL |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| 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                            | 155                 |   | 5.7 | 246                 |   | 5.7 | 33.0                |   | 5.7 | 45.3                |   | 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                  |   |     |
| <b>WATER BY 245.1(UG/L)</b>         |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| 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

(732)593-2579

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-234400-1

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         | 460-234400-1        |   |     | 460-234400-2        |   |     | 460-234400-3        |   |     | 460-234400-4        |   |      | 460-234400-5        |   |     | 460-234400-6        |   |     |
| Sampling Date         | 05/14/2021 13:00:00 |   |     | 05/14/2021 13:01:00 |   |     | 05/14/2021 13:02:00 |   |     | 05/14/2021 10:45:00 |   |      | 05/14/2021 10:46:00 |   |     | 05/14/2021 10:47:00 |   |     |
| 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 |
| <b>WATER BY 7196A</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |      |                     |   |     |                     |   |     |
| Cr (VI) (ug/l)        | 29.3                |   | 8.1 | 13.2                |   | 8.1 | 8.1                 | U | 8.1 | 235                 |   | 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

**TestAmerica Laboratories, In**  
**Eurofins TestAmerica, Edison**  
Lab Job ID: 460-234400-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID      | Cinder Block Seep   |   |      | Bath Tub Seep       |   |     | French Drain Sump   |   |     | Lagoon SW           |   |     |
|----------------|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID  | 460-234400-7        |   |      | 460-234400-8        |   |     | 460-234400-9        |   |     | 460-234400-10       |   |     |
| Sampling Date  | 05/14/2021 11:05:00 |   |      | 05/14/2021 11:00:00 |   |     | 05/14/2021 13:30:00 |   |     | 05/14/2021 13:35:00 |   |     |
| Matrix         | Water               |   |      | Water               |   |     | Water               |   |     | Water               |   |     |
|                |                     |   |      |                     |   |     |                     |   |     |                     |   |     |
|                |                     |   |      |                     |   |     |                     |   |     |                     |   |     |
|                | Result              | Q | MDL  | Result              | Q | MDL | Result              | Q | MDL | Result              | Q | MDL |
| WATER BY 7196A |                     |   |      |                     |   |     |                     |   |     |                     |   |     |
| Cr (VI) (ug/l) | 88.4                |   | 16.3 | 8.1                 | U | 8.1 | 29.3                |   | 8.1 | 35.0                |   | 8.1 |

U : Indicates the analyte was analyzed for b

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

## Eurofins TestAmerica, Edison

TestAmerica Laboratories, Inc.

Eurofins TestAmerica, Edison

Lab Job ID: 460-236527-1

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     |   |       | Lagoon Sump         |   |     | French Drain        |   |     | Seep Shed Influent  |   |     | Seep Shed Mid       |   |     | Seep Shed Effluent  |   |     |
|-------------------------------------|---------------------|---|-------|---------------------|---|-----|---------------------|---|-------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-236527-1        |   |       | 460-236527-2        |   |     | 460-236527-3        |   |       | 460-236527-4        |   |     | 460-236527-5        |   |     | 460-236527-6        |   |     | 460-236527-7        |   |     | 460-236527-8        |   |     |
| Sampling Date                       | 06/14/2021 17:20:00 |   |       | 06/14/2021 17:25:00 |   |     | 06/14/2021 17:30:00 |   |       | 06/14/2021 16:30:00 |   |     | 06/14/2021 16:25:00 |   |     | 06/14/2021 16:40:00 |   |     | 06/14/2021 16:45:00 |   |     | 06/14/2021 16:50:00 |   |     |
| Matrix                              | Water               |   |       | 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 | Result              | Q | MDL |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |       |                     |   |     |                     |   |       |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| Aluminum                            | 59.1                | J | 40.7  | NR                  |   |     | 40.7                | U | 40.7  | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Antimony                            | 7.8                 | U | 7.8   | NR                  |   |     | 7.8                 | U | 7.8   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Arsenic                             | 3.6                 | U | 3.6   | NR                  |   |     | 3.6                 | U | 3.6   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Barium                              | 20.9                | U | 20.9  | NR                  |   |     | 20.9                | U | 20.9  | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Beryllium                           | 0.35                | U | 0.35  | NR                  |   |     | 0.35                | U | 0.35  | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Cadmium                             | 0.31                | U | 0.31  | NR                  |   |     | 0.31                | U | 0.31  | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Calcium                             | 50200               |   | 358   | NR                  |   |     | 62200               |   | 358   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Chromium                            | 224                 |   | 5.7   | 5.7                 | U | 5.7 | 5.7                 | U | 5.7   | 235                 |   | 5.7 | 22.8                |   | 5.7 | 221                 |   | 5.7 | 1790                |   | 5.7 | 12.8                |   | 5.7 |
| Cobalt                              | 3.4                 | U | 3.4   | NR                  |   |     | 3.4                 | U | 3.4   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Copper                              | 36.3                |   | 6.1   | NR                  |   |     | 6.1                 | U | 6.1   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Iron                                | 23300               |   | 76.8  | NR                  |   |     | 76.8                | U | 76.8  | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Lead                                | 22.3                |   | 3.1   | NR                  |   |     | 3.1                 | U | 3.1   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Magnesium                           | 4810                | J | 329   | NR                  |   |     | 5680                |   | 329   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Manganese                           | 180                 |   | 1.2   | NR                  |   |     | 14.8                | J | 1.2   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Nickel                              | 290                 |   | 3.6   | NR                  |   |     | 3.6                 | U | 3.6   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Potassium                           | 764                 | J | 492   | NR                  |   |     | 492                 | U | 492   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Selenium                            | 8.6                 | U | 8.6   | NR                  |   |     | 8.6                 | U | 8.6   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Silver                              | 5.0                 | U | 5.0   | NR                  |   |     | 5.0                 | U | 5.0   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Sodium                              | 22500               |   | 502   | NR                  |   |     | 24800               |   | 502   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Thallium                            | 5.8                 | U | 5.8   | NR                  |   |     | 5.8                 | U | 5.8   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Vanadium                            | 3.9                 | U | 3.9   | NR                  |   |     | 3.9                 | U | 3.9   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| Zinc                                | 565                 |   | 4.5   | NR                  |   |     | 11.9                | J | 4.5   | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |
| <b>WATER BY 245.1(UG/L)</b>         |                     |   |       |                     |   |     |                     |   |       |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| Mercury                             | 0.091               | U | 0.091 | NR                  |   |     | 0.091               | U | 0.091 | 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:

Grace Chang

Project Manager II

(732)593-2579

TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-236527-1  
Job Description: Precision National  
Plating  
For:  
ARCADIS U.S., Inc  
1 Harvard Way

| Client ID      | Lagoon Influent     |   |     | Lagoon Post Lead    |   |     | Lagoon Effluent     |   |     | Lagoon Sump         |   |     | French Drain        |   |     | Seep Shed Influent  |   |     | Seep Shed Mid       |   |     | Seep Shed Effluent  |   |     |
|----------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID  | 460-236527-1        |   |     | 460-236527-2        |   |     | 460-236527-3        |   |     | 460-236527-4        |   |     | 460-236527-5        |   |     | 460-236527-6        |   |     | 460-236527-7        |   |     | 460-236527-8        |   |     |
| Sampling Date  | 06/14/2021 17:20:00 |   |     | 06/14/2021 17:25:00 |   |     | 06/14/2021 17:30:00 |   |     | 06/14/2021 16:30:00 |   |     | 06/14/2021 16:25:00 |   |     | 06/14/2021 16:40:00 |   |     | 06/14/2021 16:45:00 |   |     | 06/14/2021 16:50:00 |   |     |
| Matrix         | Water               |   |     | 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 | Result              | Q | MDL |
| WATER BY 7196A |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| Cr (VI) (ug/l) | 70.4                |   | 8.1 | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 | 70.4                |   | 8.1 | 18.6                |   | 8.1 | 147                 |   | 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 MONITORING RESULTS**

TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231890-1  
Job Description: Precision National Plating  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | OMW-48              |   |     | MW-48S              |   |     | MW-14S              |   |     | MW-9D               |   |     | OMW-24              |   |     | MW-15S              |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-231890-1        |   |     | 460-231890-2        |   |     | 460-231890-3        |   |     | 460-231890-4        |   |     | 460-231890-5        |   |     | 460-231890-6        |   |     |
| Sampling Date                | 04/12/2021 14:44:00 |   |     | 04/12/2021 15:50:00 |   |     | 04/12/2021 13:45:00 |   |     | 04/12/2021 15:25:00 |   |     | 04/12/2021 13:55:00 |   |     | 04/12/2021 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                     | 49.5                |   | 5.7 | 39.4                |   | 5.7 | 10.2                |   | 5.7 | 5.7                 | U | 5.7 | 87.9                |   | 5.7 | 38.8                |   | 5.7 |

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

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

**TestAmerica Laboratories, Inc**  
**Eurofins TestAmerica, Edison**  
Lab Job ID: 460-231890-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | MW-9IB              |   |     | OMW-46              |   |     | MW-46S              |   |     | OMW-15              |   |     | MW-9S               |   |     | MW-9IA              |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-231890-7        |   |     | 460-231890-8        |   |     | 460-231890-9        |   |     | 460-231890-10       |   |     | 460-231890-11       |   |     | 460-231890-12       |   |     |
| Sampling Date                | 04/12/2021 14:30:00 |   |     | 04/12/2021 15:30:00 |   |     | 04/12/2021 14:45:00 |   |     | 04/12/2021 13:55:00 |   |     | 04/12/2021 13:10:00 |   |     | 04/12/2021 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                     | 5.7                 | U | 5.7 | 12.6                |   | 5.7 | 15.3                |   | 5.7 | 5.7                 | U | 5.7 | 66.2                |   | 5.7 | 122                 |   | 5.7 |

U : Indicates the analyte was analyzed for b

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

TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231890-1  
Job Description: Precision National Plating  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID      | OMW-48              |   |     | MW-48S              |   |      | MW-14S              |   |     | MW-9D               |   |     | OMW-24              |   |     | MW-15S              |   |     |
|----------------|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID  | 460-231890-1        |   |     | 460-231890-2        |   |      | 460-231890-3        |   |     | 460-231890-4        |   |     | 460-231890-5        |   |     | 460-231890-6        |   |     |
| Sampling Date  | 04/12/2021 14:44:00 |   |     | 04/12/2021 15:50:00 |   |      | 04/12/2021 13:45:00 |   |     | 04/12/2021 15:25:00 |   |     | 04/12/2021 13:55:00 |   |     | 04/12/2021 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) | 49.5                |   | 8.1 | 16.3                | U | 16.3 | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 | 39.0                |   | 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

TestAmerica Laboratories, Inc  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231890-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID      | MW-9IB              |   |     | OMW-46              |   |     | MW-46S              |   |      | OMW-15              |   |     | MW-9S               |   |     | MW-9IA              |   |     |
|----------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID  | 460-231890-7        |   |     | 460-231890-8        |   |     | 460-231890-9        |   |      | 460-231890-10       |   |     | 460-231890-11       |   |     | 460-231890-12       |   |     |
| Sampling Date  | 04/12/2021 14:30:00 |   |     | 04/12/2021 15:30:00 |   |     | 04/12/2021 14:45:00 |   |      | 04/12/2021 13:55:00 |   |     | 04/12/2021 13:10:00 |   |     | 04/12/2021 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 | 40.7                | U | 40.7 | 8.1                 | U | 8.1 | 31.9                |   | 8.1 | 109                 |   | 8.1 |

U : Indicates the analyte was analyzed for b

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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-231957-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID                           | MW-38S              |   |     | MW-38I              |   |     | OMW-38              |   |     | MW-44S              |   |     | OMW-44              |   |     | MW-42D              |   |     |
|-------------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-231957-1        |   |     | 460-231957-2        |   |     | 460-231957-3        |   |     | 460-231957-4        |   |     | 460-231957-5        |   |     | 460-231957-6        |   |     |
| Sampling Date                       | 04/13/2021 15:15:00 |   |     | 04/13/2021 14:25:00 |   |     | 04/13/2021 12:30:00 |   |     | 04/13/2021 11:10:00 |   |     | 04/13/2021 10:15:00 |   |     | 04/13/2021 14:30:00 |   |     |
| 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 |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| Chromium                            | 13.4                |   | 5.7 | 8.6                 | J | 5.7 | 5.7                 | U | 5.7 | 6.7                 | J | 5.7 | 13.8                |   | 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

TestAmerica Laboratories, Inc  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231957-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | OMW-47              |   |     | MW-43D              |   |     | Bathtub Seep        |   |     | AGM-5S              |   |     | Cinderblock Seep    |   |     | AGM-5I              |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-231957-7        |   |     | 460-231957-8        |   |     | 460-231957-10       |   |     | 460-231957-11       |   |     | 460-231957-12       |   |     | 460-231957-13       |   |     |
| Sampling Date                | 04/13/2021 11:50:00 |   |     | 04/13/2021 13:15:00 |   |     | 04/13/2021 15:00:00 |   |     | 04/13/2021 14:50:00 |   |     | 04/13/2021 15:05:00 |   |     | 04/13/2021 14:10:00 |   |     |
| 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 | 5.7                 | U | 5.7 | 263                 |   | 5.7 | 89.5                |   | 5.7 | 787                 |   | 5.7 | 5.7                 | U | 5.7 |

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

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

TestAmerica Laboratories, Inc  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231957-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | OMW-49              |   |     | OMW-50              |   |     | OMW-41              |   |     | OMW-40              |   |     | MW-41D              |   |     | MW-40D              |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-231957-14       |   |     | 460-231957-15       |   |     | 460-231957-16       |   |     | 460-231957-17       |   |     | 460-231957-18       |   |     | 460-231957-19       |   |     |
| Sampling Date                | 04/13/2021 13:15:00 |   |     | 04/13/2021 13:10:00 |   |     | 04/13/2021 13:00:00 |   |     | 04/13/2021 11:30:00 |   |     | 04/13/2021 12:15:00 |   |     | 04/13/2021 10:10:00 |   |     |
| 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                     | 17.1                |   | 5.7 | 5.7                 | U | 5.7 | 221                 |   | 5.7 | 225                 |   | 5.7 | 5.7                 | U | 5.7 | 7.0                 | J | 5.7 |

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

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



TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231957-1  
Job Description: Precision National Plating  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                 | MW-38S              |   |     | MW-38I              |   |      | OMW-38              |   |     | MW-44S              |   |     | OMW-44              |   |     | MW-42D              |   |     |
|---------------------------|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID             | 460-231957-1        |   |     | 460-231957-2        |   |      | 460-231957-3        |   |     | 460-231957-4        |   |     | 460-231957-5        |   |     | 460-231957-6        |   |     |
| Sampling Date             | 04/13/2021 15:15:00 |   |     | 04/13/2021 14:25:00 |   |      | 04/13/2021 12:30:00 |   |     | 04/13/2021 11:10:00 |   |     | 04/13/2021 10:15:00 |   |     | 04/13/2021 14:30:00 |   |     |
| 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 | 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 |
| Cr (VI), Dissolved (ug/l) | NR                  |   |     | NR                  |   |      | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |

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

Lab Contact:  
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TestAmerica Laboratories  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231957-1  
Job Description: Precision Nation  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                 | OMW-47              |   |     | MW-43D              |   |     | OMW-24FF            |   |     | Bathtub Seep        |   |      | AGM-5S              |   |      | Cinderblock Seep    |   |      |
|---------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|------|---------------------|---|------|
| Lab Sample ID             | 460-231957-7        |   |     | 460-231957-8        |   |     | 460-231957-9        |   |     | 460-231957-10       |   |      | 460-231957-11       |   |      | 460-231957-12       |   |      |
| Sampling Date             | 04/13/2021 11:50:00 |   |     | 04/13/2021 13:15:00 |   |     | 04/13/2021 16:00:00 |   |     | 04/13/2021 15:00:00 |   |      | 04/13/2021 14:50:00 |   |      | 04/13/2021 15:05:00 |   |      |
| 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 | NR                  |   |     | 291                 |   | 40.7 | 40.7                | U | 40.7 | 50.4                |   | 16.3 |
| Cr (VI), Dissolved (ug/l) | NR                  |   |     | NR                  |   |     | 70.6                |   | 8.1 | NR                  |   |      | NR                  |   |      | NR                  |   |      |

NR: Not Analyzed  
U : Indicates the analyte was analyzed

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TestAmerica Laboratories  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-231957-1  
Job Description: Precision Nation  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                 | AGM-51              |   |     | OMW-49              |   |     | OMW-50              |   |     | OMW-41              |   |     | OMW-40              |   |     | MW-41D              |   |     | MW-40D              |   |     |
|---------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID             | 460-231957-13       |   |     | 460-231957-14       |   |     | 460-231957-15       |   |     | 460-231957-16       |   |     | 460-231957-17       |   |     | 460-231957-18       |   |     | 460-231957-19       |   |     |
| Sampling Date             | 04/13/2021 14:10:00 |   |     | 04/13/2021 13:15:00 |   |     | 04/13/2021 13:10:00 |   |     | 04/13/2021 13:00:00 |   |     | 04/13/2021 11:30:00 |   |     | 04/13/2021 12:15:00 |   |     | 04/13/2021 10:10:00 |   |     |
| 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 | 8.1                 | U | 8.1 | 143                 |   | 8.1 | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 |
| Cr (VI), Dissolved (ug/l) | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     | NR                  |   |     |

NR: Not Analyzed  
U : Indicates the analyte was analyzed

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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232050-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID                           | MW-BS               |   |     | MW-BD               |   |     | OMW-32              |   |     | OMW-3               |   |     | AGM-2I              |   |     | AGM-2S              |   |     |
|-------------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-232050-1        |   |     | 460-232050-2        |   |     | 460-232050-3        |   |     | 460-232050-4        |   |     | 460-232050-5        |   |     | 460-232050-6        |   |     |
| Sampling Date                       | 04/14/2021 10:10:00 |   |     | 04/14/2021 12:00:00 |   |     | 04/14/2021 11:30:00 |   |     | 04/14/2021 10:40:00 |   |     | 04/14/2021 14:25:00 |   |     | 04/14/2021 13:40:00 |   |     |
| 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 |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| Chromium                            | 1100                |   | 5.7 | 27.1                |   | 5.7 | 855                 |   | 5.7 | 81.0                |   | 5.7 | 5.7                 | U | 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

TestAmerica Laboratories, In  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232050-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | SB-6                |   |     | AGM-3I              |   |     | MW-LS               |   |     | OMW-27              |   |     | French Drain Sump   |   |     | AGM-4S              |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-232050-7        |   |     | 460-232050-8        |   |     | 460-232050-9        |   |     | 460-232050-10       |   |     | 460-232050-11       |   |     | 460-232050-12       |   |     |
| Sampling Date                | 04/14/2021 12:10:00 |   |     | 04/14/2021 15:35:00 |   |     | 04/14/2021 10:00:00 |   |     | 04/14/2021 14:50:00 |   |     | 04/14/2021 12:15:00 |   |     | 04/14/2021 14:37:00 |   |     |
| 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                     | 314                 |   | 5.7 | 5.7                 | U | 5.7 | 229                 |   | 5.7 | 28.8                |   | 5.7 | 454                 |   | 5.7 | 5.7                 | U | 5.7 |

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

Lab Contact:  
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Project Manager II  
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**TestAmerica Laboratories, In**  
**Eurofins TestAmerica, Edison**

Lab Job ID: 460-232050-1

Job Description: Precision National Plat  
 For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID                           | MW-16S              |   |     | OMW-29              |   |     | Lagoon Sump         |   |     | OMW-6               |   |     | SB-10               |   |     | OMW-26              |   |     |
|-------------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-232050-13       |   |     | 460-232050-14       |   |     | 460-232050-15       |   |     | 460-232050-16       |   |     | 460-232050-17       |   |     | 460-232050-18       |   |     |
| Sampling Date                       | 04/14/2021 15:50:00 |   |     | 04/14/2021 13:30:00 |   |     | 04/14/2021 12:00:00 |   |     | 04/14/2021 09:45:00 |   |     | 04/14/2021 11:35:00 |   |     | 04/14/2021 16:20:00 |   |     |
| 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 |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| Chromium                            | 33.9                |   | 5.7 | 9.6                 | J | 5.7 | 276                 |   | 5.7 | 5.7                 | U | 5.7 | 505                 |   | 5.7 | 5.7                 | U | 5.7 |

J : Result is less than the RL but greater than

U : Indicates the analyte was analyzed for bi

Lab Contact:

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Project Manager II

(732)593-2579

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232050-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID             | MW-BS               |   |      | MW-BD               |   |     | OMW-32              |   |      | OMW-3               |   |     | AGM-2I              |   |     | AGM-2S              |   |     |
|-----------------------|---------------------|---|------|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID         | 460-232050-1        |   |      | 460-232050-2        |   |     | 460-232050-3        |   |      | 460-232050-4        |   |     | 460-232050-5        |   |     | 460-232050-6        |   |     |
| Sampling Date         | 04/14/2021 10:10:00 |   |      | 04/14/2021 12:00:00 |   |     | 04/14/2021 11:30:00 |   |      | 04/14/2021 10:40:00 |   |     | 04/14/2021 14:25:00 |   |     | 04/14/2021 13:40:00 |   |     |
| 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 |
| <b>WATER BY 7196A</b> |                     |   |      |                     |   |     |                     |   |      |                     |   |     |                     |   |     |                     |   |     |
| Cr (VI) (ug/l)        | 16.3                | U | 16.3 | 8.1                 | U | 8.1 | 379                 |   | 40.7 | 8.1                 | U | 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

**TestAmerica Laboratories, In**  
**Eurofins TestAmerica, Edison**

Lab Job ID: 460-232050-1

Job Description: Precision National Plat  
 For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID             | SB-6                |   |     | AGM-3I              |   |     | MW-LS               |   |      | OMW-27              |   |      | French Drain Sump   |   |     | AGM-4S              |   |     |
|-----------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID         | 460-232050-7        |   |     | 460-232050-8        |   |     | 460-232050-9        |   |      | 460-232050-10       |   |      | 460-232050-11       |   |     | 460-232050-12       |   |     |
| Sampling Date         | 04/14/2021 12:10:00 |   |     | 04/14/2021 15:35:00 |   |     | 04/14/2021 10:00:00 |   |      | 04/14/2021 14:50:00 |   |      | 04/14/2021 12:15:00 |   |     | 04/14/2021 14:37:00 |   |     |
| 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 |
| <b>WATER BY 7196A</b> |                     |   |     |                     |   |     |                     |   |      |                     |   |      |                     |   |     |                     |   |     |
| Cr (VI) (ug/l)        | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 | 16.3                | U | 16.3 | 81.4                | U | 81.4 | 9.8                 | J | 8.1 | 8.1                 | U | 8.1 |

J : Result is less than the RL but greater than

U : Indicates the analyte was analyzed for bi

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579



**TestAmerica Laboratories, In**  
**Eurofins TestAmerica, Edison**  
Lab Job ID: 460-232050-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID      | MW-16S              |   |      | OMW-29              |   |      | Lagoon Sump         |   |     | OMW-6               |   |     | SB-10               |   |     | OMW-26              |   |     |
|----------------|---------------------|---|------|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID  | 460-232050-13       |   |      | 460-232050-14       |   |      | 460-232050-15       |   |     | 460-232050-16       |   |     | 460-232050-17       |   |     | 460-232050-18       |   |     |
| Sampling Date  | 04/14/2021 15:50:00 |   |      | 04/14/2021 13:30:00 |   |      | 04/14/2021 12:00:00 |   |     | 04/14/2021 09:45:00 |   |     | 04/14/2021 11:35:00 |   |     | 04/14/2021 16:20:00 |   |     |
| 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) | 40.7                | U | 40.7 | 16.3                | U | 16.3 | 102                 |   | 8.1 | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 |

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

TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232139-1  
Job Description: Precision National Plating  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | MW-33I              |   |     | MW-22I              |   |     | MW-27S              |   |     | MW-27I              |   |     | MW-CI               |   |     | MW-35I              |   |     | MW-34I              |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-232139-1        |   |     | 460-232139-2        |   |     | 460-232139-3        |   |     | 460-232139-4        |   |     | 460-232139-5        |   |     | 460-232139-6        |   |     | 460-232139-7        |   |     |
| Sampling Date                | 04/15/2021 15:50:00 |   |     | 04/15/2021 10:40:00 |   |     | 04/15/2021 15:40:00 |   |     | 04/15/2021 15:10:00 |   |     | 04/15/2021 12:20:00 |   |     | 04/15/2021 14:00:00 |   |     | 04/15/2021 11:30:00 |   |     |
| 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 | 94.0                |   | 5.7 | 29.8                |   | 5.7 | 24.9                |   | 5.7 | 95.4                |   | 5.7 | 45.4                |   | 5.7 | 43.3                |   | 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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TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232139-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | MW-28S              |   |     | MW-34S              |   |     | MW-28I              |   |     | MW-35S              |   |     | MW-CS               |   |     | MW-33S              |   |     | MW-24               |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-232139-8        |   |     | 460-232139-9        |   |     | 460-232139-10       |   |     | 460-232139-11       |   |     | 460-232139-12       |   |     | 460-232139-13       |   |     | 460-232139-14       |   |     |
| Sampling Date                | 04/15/2021 15:50:00 |   |     | 04/15/2021 10:25:00 |   |     | 04/15/2021 15:45:00 |   |     | 04/15/2021 12:45:00 |   |     | 04/15/2021 14:05:00 |   |     | 04/15/2021 10:45:00 |   |     | 04/15/2021 16:10:00 |   |     |
| 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                     | 22.4                |   | 5.7 | 14.7                |   | 5.7 | 9.5                 | J | 5.7 | 35.2                |   | 5.7 | 5.7                 | U | 5.7 | 240                 |   | 5.7 | 51.4                |   | 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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TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232139-1  
Job Description: Precision National Plating  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID      | MW-33I              |   |     | MW-22I              |   |     | MW-27S              |   |     | MW-27I              |   |     | MW-CI               |   |     | MW-35I              |   |      | MW-34I              |   |      |
|----------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|------|
| Lab Sample ID  | 460-232139-1        |   |     | 460-232139-2        |   |     | 460-232139-3        |   |     | 460-232139-4        |   |     | 460-232139-5        |   |     | 460-232139-6        |   |      | 460-232139-7        |   |      |
| Sampling Date  | 04/15/2021 15:50:00 |   |     | 04/15/2021 10:40:00 |   |     | 04/15/2021 15:40:00 |   |     | 04/15/2021 15:10:00 |   |     | 04/15/2021 12:20:00 |   |     | 04/15/2021 14:00:00 |   |      | 04/15/2021 11:30:00 |   |      |
| 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 | 40.7                | U | 40.7 | 81.4                | U | 81.4 |

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

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

TestAmerica Laboratories, Inc.  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232139-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID      | MW-28S              |   |      | MW-34S              |   |     | MW-28I              |   |     | MW-35S              |   |      | MW-CS               |   |     | MW-33S              |   |     | MW-24               |   |     |
|----------------|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID  | 460-232139-8        |   |      | 460-232139-9        |   |     | 460-232139-10       |   |     | 460-232139-11       |   |      | 460-232139-12       |   |     | 460-232139-13       |   |     | 460-232139-14       |   |     |
| Sampling Date  | 04/15/2021 15:50:00 |   |      | 04/15/2021 10:25:00 |   |     | 04/15/2021 15:45:00 |   |     | 04/15/2021 12:45:00 |   |      | 04/15/2021 14:05:00 |   |     | 04/15/2021 10:45:00 |   |     | 04/15/2021 16:10:00 |   |     |
| 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) | 16.3                | U | 16.3 | 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 | 17.0                |   | 8.1 |

U : Indicates the analyte was analyzed for t

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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232243-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID                           | SB-1                |   |     | SB-2                |   |     | MW-B01S             |   |     | MW-B01D             |   |     | MW-30               |   |     | MW-3S               |   |     |
|-------------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-232243-1        |   |     | 460-232243-2        |   |     | 460-232243-3        |   |     | 460-232243-4        |   |     | 460-232243-5        |   |     | 460-232243-6        |   |     |
| Sampling Date                       | 04/16/2021 10:10:00 |   |     | 04/16/2021 13:10:00 |   |     | 04/16/2021 11:10:00 |   |     | 04/16/2021 11:50:00 |   |     | 04/16/2021 13:15:00 |   |     | 04/16/2021 13:10:00 |   |     |
| 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 |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| Chromium                            | 67.5                |   | 5.7 | 729                 |   | 5.7 | 28.2                |   | 5.7 | 54.5                |   | 5.7 | 5.7                 | U | 5.7 | 32.9                |   | 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

**TestAmerica Laboratories, In**  
**Eurofins TestAmerica, Edison**  
Lab Job ID: 460-232243-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | MW-23               |   |     | OMW-18              |   |     | MW-29               |   |     | MW-37S              |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-232243-7        |   |     | 460-232243-8        |   |     | 460-232243-9        |   |     | 460-232243-10       |   |     |
| Sampling Date                | 04/16/2021 12:40:00 |   |     | 04/16/2021 10:25:00 |   |     | 04/16/2021 11:50:00 |   |     | 04/16/2021 10:20:00 |   |     |
| 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                     | 9.8                 | J | 5.7 | 5.7                 | U | 5.7 | 124                 |   | 5.7 | 58.6                |   | 5.7 |

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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232243-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID             | SB-1                |   |     | SB-2                |   |     | MW-B01S             |   |     | MW-B01D             |   |     | MW-30               |   |     | MW-3S               |   |     |
|-----------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID         | 460-232243-1        |   |     | 460-232243-2        |   |     | 460-232243-3        |   |     | 460-232243-4        |   |     | 460-232243-5        |   |     | 460-232243-6        |   |     |
| Sampling Date         | 04/16/2021 10:10:00 |   |     | 04/16/2021 13:10:00 |   |     | 04/16/2021 11:10:00 |   |     | 04/16/2021 11:50:00 |   |     | 04/16/2021 13:15:00 |   |     | 04/16/2021 13:10:00 |   |     |
| 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 |
| <b>WATER BY 7196A</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
| 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

(732)593-2579



**TestAmerica Laboratories, In**  
**Eurofins TestAmerica, Edison**  
Lab Job ID: 460-232243-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

|                |                     |   |     |                     |   |     |                     |   |     |                     |   |     |
|----------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Client ID      | MW-23               |   |     | OMW-18              |   |     | MW-29               |   |     | MW-37S              |   |     |
| Lab Sample ID  | 460-232243-7        |   |     | 460-232243-8        |   |     | 460-232243-9        |   |     | 460-232243-10       |   |     |
| Sampling Date  | 04/16/2021 12:40:00 |   |     | 04/16/2021 10:25:00 |   |     | 04/16/2021 11:50:00 |   |     | 04/16/2021 10:20:00 |   |     |
| 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 | 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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232410-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID                           | Res-1               |   |     | Res-2               |   |     |
|-------------------------------------|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-232410-1        |   |     | 460-232410-2        |   |     |
| Sampling Date                       | 04/19/2021 11:45:00 |   |     | 04/19/2021 12:00:00 |   |     |
| Matrix                              | Water               |   |     | Water               |   |     |
| Unit                                |                     |   |     |                     |   |     |
|                                     | Result              | Q | MDL | Result              | Q | MDL |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |     |                     |   |     |
| Chromium                            | 5.7                 | U | 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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232410-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID             | Res-1               |   |     | Res-2               |   |     |
|-----------------------|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID         | 460-232410-1        |   |     | 460-232410-2        |   |     |
| Sampling Date         | 04/19/2021 11:45:00 |   |     | 04/19/2021 12:00:00 |   |     |
| Matrix                | Water               |   |     | Water               |   |     |
|                       |                     |   |     |                     |   |     |
|                       |                     |   |     |                     |   |     |
|                       | Result              | Q | MDL | Result              | Q | MDL |
| <b>WATER BY 7196A</b> |                     |   |     |                     |   |     |
| Cr (VI) (ug/l)        | 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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232581-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID                           | MW-11I              |   |     | MW-11S              |   |     | OMW-17              |   |      | MW-18I              |   |     | MW-18S              |   |     | OMW-30              |   |     |
|-------------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                       | 460-232581-1        |   |     | 460-232581-2        |   |     | 460-232581-3        |   |      | 460-232581-4        |   |     | 460-232581-5        |   |     | 460-232581-6        |   |     |
| Sampling Date                       | 04/21/2021 09:30:00 |   |     | 04/21/2021 10:30:00 |   |     | 04/21/2021 11:35:00 |   |      | 04/21/2021 10:40:00 |   |     | 04/21/2021 10:05:00 |   |     | 04/21/2021 09:35:00 |   |     |
| 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 |
| <b>WATER BY 200.7 REV 4.4(UG/L)</b> |                     |   |     |                     |   |     |                     |   |      |                     |   |     |                     |   |     |                     |   |     |
| Chromium                            | 117                 |   | 5.7 | 513                 |   | 5.7 | 85.8                | J | 57.4 | 7.1                 | J | 5.7 | 25.8                |   | 5.7 | 117                 |   | 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

TestAmerica Laboratories, In  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232581-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID                    | MW-10S              |   |     | MW-10I              |   |     | OMW-16              |   |     | OMW-2               |   |     |
|------------------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID                | 460-232581-7        |   |     | 460-232581-8        |   |     | 460-232581-9        |   |     | 460-232581-10       |   |     |
| Sampling Date                | 04/21/2021 11:40:00 |   |     | 04/21/2021 10:50:00 |   |     | 04/21/2021 09:30:00 |   |     | 04/21/2021 11:35:00 |   |     |
| 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                     | 199                 |   | 5.7 | 393                 |   | 5.7 | 26.8                |   | 5.7 | 47.4                |   | 5.7 |

J : Result is less than the RL but greater than

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

**TestAmerica Laboratories, Inc.****Eurofins TestAmerica, Edison**

Lab Job ID: 460-232581-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

| Client ID             | MW-11I              |   |     | MW-11S              |   |     | OMW-17              |   |     | MW-18I              |   |      | MW-18S              |   |     | OMW-30              |   |     |
|-----------------------|---------------------|---|-----|---------------------|---|-----|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID         | 460-232581-1        |   |     | 460-232581-2        |   |     | 460-232581-3        |   |     | 460-232581-4        |   |      | 460-232581-5        |   |     | 460-232581-6        |   |     |
| Sampling Date         | 04/21/2021 09:30:00 |   |     | 04/21/2021 10:30:00 |   |     | 04/21/2021 11:35:00 |   |     | 04/21/2021 10:40:00 |   |      | 04/21/2021 10:05:00 |   |     | 04/21/2021 09:35:00 |   |     |
| 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 |
| <b>WATER BY 7196A</b> |                     |   |     |                     |   |     |                     |   |     |                     |   |      |                     |   |     |                     |   |     |
| Cr (VI) (ug/l)        | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 | 8.1                 | U | 8.1 | 40.7                | U | 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

TestAmerica Laboratories, In  
Eurofins TestAmerica, Edison  
Lab Job ID: 460-232581-1  
Job Description: Precision National Plat  
For:  
ARCADIS U.S., Inc  
1 Harvard Way  
Hillsborough, New Jersey 08844

| Client ID      | MW-10S              |   |     | MW-10I              |   |      | OMW-16              |   |     | OMW-2               |   |     |
|----------------|---------------------|---|-----|---------------------|---|------|---------------------|---|-----|---------------------|---|-----|
| Lab Sample ID  | 460-232581-7        |   |     | 460-232581-8        |   |      | 460-232581-9        |   |     | 460-232581-10       |   |     |
| Sampling Date  | 04/21/2021 11:40:00 |   |     | 04/21/2021 10:50:00 |   |      | 04/21/2021 09:30:00 |   |     | 04/21/2021 11:35:00 |   |     |
| 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 | 16.3                | U | 16.3 | 8.1                 | U | 8.1 | 25.6                |   | 8.1 |

U : Indicates the analyte was analyzed for b

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