

Ms. Ann DiDonato
U.S. EPA Region 3
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Arcadis U.S., Inc.
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Subject:

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

ELECTRONIC MAIL

Dear Ms. DiDonato:

On behalf of Precision National Plating Services, Inc. (Precision), Arcadis U.S., Inc. (Arcadis) is submitting this progress report to summarize the activities completed between October 1, 2023 and December 31, 2023. This progress report is being submitted in accordance with Section 8.7 of the Administrative Settlement Agreement and Order on Consent (AS) for Removal Response Action (Docket No. CERC-03-2012-0031DC).

ENVIRONMENT

Date:
January 30, 2025

Contact:
Lawrence G. Brunt, PE

Phone:
908.526.1000

Email:
Larry.brun@arcadis.com

Our ref:
30183620.04

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

General

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

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

Ongoing Administrative Settlement (AS) Activities

Seep Remediation

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

- The influent and effluent of the Seep Shed Treatment System were sampled on October 26, 2023, for hexavalent chromium and total chromium. The midpoints between the resin beds of the system also were sampled. At the time of sampling, the influent pH was 7.04 su and the temperature was 12.26° C.
- On October 26, 2023, the flow totalizer reading for the Seep Shed Treatment System was 7,964,750 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on November 17, 2023, for hexavalent chromium and total chromium. The midpoints between the resin beds of the system were also sampled for hexavalent and total chromium. At the time of sampling, the influent pH was 6.40 su and the temperature was 25.30° C.
- On November 17, 2023, the Seep Shed flow totalizer reading was 7,969,444 gallons.
- The influent and effluent of the Seep Shed Treatment System were sampled on December 15, 2023, for hexavalent chromium and total chromium. The midpoints between the resin beds of the system were also sampled for hexavalent and total chromium. At the time of sampling, the influent pH was 7.12 su and the temperature was 9.97° C.
- On December 15, 2023, the flow totalizer reading for the Seep Shed Treatment System was 7,976,736 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 October 26, 2023, for hexavalent chromium and TAL metals. The effluent of the lead resin bed was also sampled for hexavalent chromium and total chromium. The pH of the lagoon system influent at the time of sampling was 7.11 su and the temperature was 12.79° C.
- By October 26, 2023, the total volume treated by the Lagoon Treatment System was approximately 41,716,877 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on November 17, 2023, for hexavalent chromium and TAL metals. The effluent of the lead resin bed was also sampled for hexavalent chromium and total chromium. The pH of the lagoon system influent at the time of sampling was 6.32 su and the temperature was 27.5° C.
- By November 17, 2023, the total volume treated by the Lagoon Treatment System was 41,818,060 gallons.
- The influent and system effluent of the Lagoon Treatment System were sampled on December 15, 2023, for hexavalent chromium and TAL metals. The effluent of the lead resin bed was also

sampled for hexavalent chromium and total chromium. The pH of the lagoon system influent at the time of sampling was 7.07 su and the temperature was 10.3° C.

- By December 15, 2023, the total volume treated by the Lagoon Treatment System was approximately 42,523,711 gallons.

Semiannual Groundwater Monitoring

- As approved, routine monitoring samples were collected from monitoring wells and seeps on and near the Precision site in October 2023. Samples were also collected from the two residential wells located north of the Precision site. Samples were analyzed for hexavalent chromium and total chromium. Analytical results were received from TestAmerica Laboratories and validated. Summaries of the data are attached.
- Based on the request from Pennsylvania Department of Environmental Protection, we have also included a current site map and historical monitoring summary data tables for the locations sampled during 2023 semiannual groundwater monitoring events.

Additional Monitoring

- To supplement the semiannual monitoring Precision collected samples from the Trolley Track Seep in October 2023. 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 January February, and March 2024. Data is anticipated to be received four weeks after each sampling event.
- Semiannual monitoring of surface water is scheduled for January 2024.

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, seep, and residential well samples collected in October 2023 were received from TestAmerica Laboratories and validated. Summaries of the data are attached.
- Laboratory data for the October 26, 2023 sampling of the Seep Shed Treatment System and the Lagoon Treatment System were received from TestAmerica Laboratories and validated. A summary of the data is attached.

Hexavalent chromium and total chromium were not detected above the laboratory method detection limit 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 11.1 ug/L, which does not exceed the MCL of 100 ug/L.

- Laboratory data for the November 17, 2023 sampling of the Lagoon and Seep Shed Treatment Systems were received from TestAmerica Laboratories and validated. A summary of the data is attached.

Hexavalent chromium and total chromium were not detected above the laboratory method detection limit 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 18.2 ug/L, which does not exceed the MCL of 100 ug/L.

- Laboratory data for the December 15, 2023 sampling of the Lagoon Treatment System and the Seep Shed Treatment System were received from TestAmerica Laboratories and validated. A summary of the data is attached.

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

Hexavalent chromium was not detected above the laboratory method detection limit in the effluent of the Seep Shed Treatment System. Total chromium was detected in the effluent at a concentration of 10.3 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.

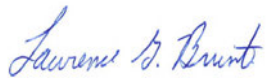
- None.

Ms. Ann DiDonato
U.S. EPA
January 30, 2025

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 October through December 2022. The samples were submitted to TestAmerica Laboratories located in Edison, New Jersey for analysis. The TestAmerica sample delivery groups (SDGs) evaluated for this report include: 460-290487-1, 460-290564-1, 460-290655-1, 460-290739-1, 460-290800-1, 460-290968-1, 460-291055-1, 460-291145-1, 460-291145-1, 460-291239-1, 460-291240-1, 460-291241-1, 450-292857-1 and 460-294770-1.

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 one issue which caused the data to be qualified. The laboratory indicated the percent recovery of hexavalent chromium in the matrix spike was higher than the acceptance criteria (139%) in analysis batch 460-939004 which included samples from PNP SDG 460-290564-1. The sample utilized for the matrix spike was PNP sample MW-40I (460-290564-1). The recovery was acceptable in the second matrix spike analyzed with the batch (460-290564-9, PNP sample MW-44S) and all other QA/QC parameters were in compliance. Therefore, only the hexavalent chromium result for sample 460-290564-1 (MW-40I) is qualified as estimated, biased high, based on the matrix spike recovery.

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 items were noted during the data review:

The relative percent difference was high (22%) between the concentration of lead in the initial result and the duplicate sample analyzed along with metals batch 460-947406, which included samples from PNP SDG 460-292857-1. However, the concentrations of lead in the sample and the duplicate were less than and less than five times the method detection limit (MDL), so the criteria for comparison becomes the reporting limit. The difference in results is not greater than the reporting limit. The sample used for the duplicate analysis was not a PNP sample. All of the other QA/QC parameters were in compliance, so the lead results are not qualified.

In metals analysis batch 460-961013, the recovery of iron in the matrix spike analysis was lower than the acceptance criteria (-56%). However, the concentration of iron in the original sample was greater than

Data Validation Summary

four times the spike amount, so the recovery acceptance criteria do not apply. Also, the recovery of aluminum in this same matrix spike was higher than acceptable (146%). The sample used for this matrix spike was not a PNP sample. The recoveries for a second matrix spike sample and the post-digestion spike analyzed with this batch were all acceptable, and all other QA/QC parameters were in compliance. Aluminum was not detected in the PNP samples analyzed in this batch. Therefore, the iron and aluminum results are not qualified following data validation.

Summary of Quality Assurance/Quality Control Evaluation of Data

Based upon the QA/QC review, the project data are valid and available for use in site characterization with the following qualifications:

Table 1
Qualified Data Summary

Sample	Lab ID	SDG	Result	Qualified Result
MW-40I	460-290564-1	460-290564-1	108 ug/L F1 (Cr+6)	108 ug/L F1J+ (Cr+6)

Notes:

Cr+6 = Hexavalent Chromium

ug/L = micrograms per liter

F1= method hold time exceeded

J+ = after validation, result is qualified as estimated, biased high

TREATMENT SYSTEM MONITORING RESULTS

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

Lab Job ID: 460-291239-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-291239-1			460-291239-2			460-291239-3		
Sampling Date	10/26/2023 15:30:00			10/26/2023 15:31:00			10/26/2023 15:32:00		
Matrix	Water			Water			Water		
Unit									
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)									
Chromium	780		5.7	129		5.7	11.1		5.7

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-291239-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-291239-1			460-291239-2			460-291239-3		
Sampling Date	10/26/2023 15:30:00			10/26/2023 15:31:00			10/26/2023 15:32:00		
Matrix	Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A									
Cr (VI) (ug/l)	384		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 Environment Testing Northeast, LLC**Eurofins Edison**

Lab Job ID: 460-291240-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post lead			Lagoon Effluent		
Lab Sample ID	460-291240-1			460-291240-2			460-291240-3		
Sampling Date	10/26/2023 13:40:00			10/26/2023 13:41:00			10/26/2023 13:42:00		
Matrix	Water			Water			Water		
Unit									
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)									
Aluminum	93.1	U	93.1	NR			93.1	U	93.1
Antimony	7.8	U	7.8	NR			7.8	U	7.8
Arsenic	3.6	U	3.6	NR			3.6	U	3.6
Barium	20.9	U	20.9	NR			20.9	U	20.9
Beryllium	0.35	U	0.35	NR			0.40	J	0.35
Cadmium	0.31	U	0.31	NR			0.31	U	0.31
Calcium	35600		358	NR			35700		358
Chromium	27.2		5.7	5.7	U	5.7	5.7	U	5.7
Cobalt	3.4	U	3.4	NR			3.4	U	3.4
Copper	6.1	U	6.1	NR			6.1	U	6.1
Iron	516		76.8	NR			76.8	U	76.8
Lead	3.1	U	3.1	NR			3.1	U	3.1
Magnesium	3640	J	329	NR			3690	J	329
Manganese	880		1.2	NR			23.6		1.2
Nickel	28.2	J	3.6	NR			3.6	U	3.6
Potassium	2090	J	492	NR			2150	J	492
Selenium	8.6	U	8.6	NR			8.6	U	8.6
Silver	5.0	U	5.0	NR			5.0	U	5.0
Sodium	14700		502	NR			14800		502
Thallium	5.8	U	5.8	NR			5.8	U	5.8
Vanadium	3.9	U	3.9	NR			3.9	U	3.9
Zinc	12.1	J	4.5	NR			20.0	J	4.5
WATER BY 245.1(UG/L)									
Mercury	0.091	U	0.091	NR			0.091	U	0.091

NR: Not Analyzed

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

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-291240-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Lagoon Influent			Lagoon Post lead			Lagoon Effluent		
Lab Sample ID	460-291240-1			460-291240-2			460-291240-3		
Sampling Date	10/26/2023 13:40:00			10/26/2023 13:41:00			10/26/2023 13:42:00		
Matrix	Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A									
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-292857-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Seep Shed-Influent			Seep Shed-Mid			Seep Shed-Effluent			Lagoon-Influent			Lagoon-Post Lead			Lagoon-Effluent		
Lab Sample ID	460-292857-1			460-292857-2			460-292857-3			460-292857-4			460-292857-5			460-292857-6		
Sampling Date	11/17/2023 10:25:00			11/17/2023 10:25:00			11/17/2023 10:25:00			11/17/2023 12:45:00			11/17/2023 12:45:00			11/17/2023 12:45:00		
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																		
Aluminum	NR			NR			NR			93.1	U	93.1	NR			93.1	U	93.1
Antimony	NR			NR			NR			7.8	U	7.8	NR			7.8	U	7.8
Arsenic	NR			NR			NR			3.6	U	3.6	NR			3.6	U	3.6
Barium	NR			NR			NR			20.9	U	20.9	NR			20.9	U	20.9
Beryllium	NR			NR			NR			0.35	U	0.35	NR			0.35	U	0.35
Cadmium	NR			NR			NR			0.31	U	0.31	NR			0.31	U	0.31
Calcium	NR			NR			NR			43300		358	NR			43700		358
Chromium	11800		5.7	181		5.7	18.2		5.7	47.2		5.7	5.7	U	5.7	5.7	U	5.7
Cobalt	NR			NR			NR			3.4	U	3.4	NR			3.4	U	3.4
Copper	NR			NR			NR			9.4	J	6.1	NR			6.1	U	6.1
Iron	NR			NR			NR			310		76.8	NR			76.8	U	76.8
Lead	NR			NR			NR			6.7		3.1	NR			3.3	J	3.1
Magnesium	NR			NR			NR			4400	J	329	NR			4460	J	329
Manganese	NR			NR			NR			584		1.2	NR			1.2	U	1.2
Nickel	NR			NR			NR			51.6		3.6	NR			3.6	U	3.6
Potassium	NR			NR			NR			1870	J	492	NR			1880	J	492
Selenium	NR			NR			NR			8.6	U	8.6	NR			8.6	U	8.6
Silver	NR			NR			NR			5.0	U	5.0	NR			5.0	U	5.0
Sodium	NR			NR			NR			18700		502	NR			18600		502
Thallium	NR			NR			NR			5.8	U	5.8	NR			5.8	U	5.8
Vanadium	NR			NR			NR			3.9	U	3.9	NR			3.9	U	3.9
Zinc	NR			NR			NR			20.0	J	4.5	NR			4.5	U	4.5
WATER BY 245.1(UG/L)																		
Mercury	NR			NR			NR			0.091	U	0.091	NR			0.14	J	0.091

NR: Not Analyzed

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

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

Lab Contact:

Grace Chang

Project Manager II

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

Lab Job ID: 460-292857-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Seep Shed-Influent			Seep Shed-Mid			Seep Shed-Effluent			Lagoon-Influent			Lagoon-Post Lead			Lagoon-Effluent		
Lab Sample ID	460-292857-1			460-292857-2			460-292857-3			460-292857-4			460-292857-5			460-292857-6		
Sampling Date	11/17/2023 10:25:00			11/17/2023 10:25:00			11/17/2023 10:25:00			11/17/2023 12:45:00			11/17/2023 12:45:00			11/17/2023 12:45:00		
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)	226		16.3	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-294770-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	Lagoon Influent			Lagoon Post lead			Lagoon Effluent			Seep Shed Influent			Seep Shed Mid			Seep Shed Effluent		
Lab Sample ID	460-294770-1			460-294770-2			460-294770-3			460-294770-4			460-294770-5			460-294770-6		
Sampling Date	12/15/2023 12:15:00			12/15/2023 12:16:00			12/15/2023 12:17:00			12/15/2023 12:45:00			12/15/2023 12:46:00			12/15/2023 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
WATER BY 200.7 REV																		
Aluminum	93.1	U	93.1	NR			93.1	U	93.1	NR			NR			NR		
Antimony	7.8	U	7.8	NR			7.8	U	7.8	NR			NR			NR		
Arsenic	3.6	U	3.6	NR			3.6	U	3.6	NR			NR			NR		
Barium	20.9	U	20.9	NR			20.9	U	20.9	NR			NR			NR		
Beryllium	0.35	U	0.35	NR			0.35	U	0.35	NR			NR			NR		
Cadmium	0.31	U	0.31	NR			0.31	U	0.31	NR			NR			NR		
Calcium	31800		358	NR			37000		358	NR			NR			NR		
Chromium	60.4		5.7	15.5		5.7	5.7	U	5.7	14700		5.7	76.5		5.7	10.3		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	356		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	3140	J	329	NR			3650	J	329	NR			NR			NR		
Manganese	570		1.2	NR			25.2		1.2	NR			NR			NR		
Nickel	6.3	J	3.6	NR			3.6	U	3.6	NR			NR			NR		
Potassium	1440	J	492	NR			2080	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	13600		502	NR			15900		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	7.1	J	4.5	NR			4.5	U	4.5	NR			NR			NR		
WATER BY 245.1(UG/L)																		
Mercury	0.091	U	0.091	NR			0.091	U	0.091	NR			NR			NR		

NR: Not Analyzed

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

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

Lab Contact:

Grace Chang

Project Manager II

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

Lab Job ID: 460-294770-1

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	460-294770-1			460-294770-2			460-294770-3			460-294770-4			460-294770-5			460-294770-6		
Sampling Date	12/15/2023 12:15:00			12/15/2023 12:16:00			12/15/2023 12:17:00			12/15/2023 12:45:00			12/15/2023 12:46:00			12/15/2023 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)	31.3		8.1	15.7		8.1	8.1	U	8.1	221		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

SEMIANNUAL GROUNDWATER, SEEP, AND RESIDENTIAL WELL MONITORING RESULTS

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-290487-1
Job Description: Precision National
Plating
For:
ARCADIS U.S., Inc
1 Harvard Way

Client ID	OMW-42			MW-42S			OMW-46			OMW-47			MW-48S			MW-46S			OMW-48		
Lab Sample ID	460-290487-1			460-290487-2			460-290487-3			460-290487-4			460-290487-5			460-290487-6			460-290487-7		
Sampling Date	10/16/2023 15:45:00			10/16/2023 13:50:00			10/16/2023 15:20:00			10/16/2023 15:40:00			10/16/2023 14:15:00			10/16/2023 13:10:00			10/16/2023 15:00:00		
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	238		5.7	5.7	U	5.7	141		5.7	210		5.7	28.8		5.7	192		5.7	78.0		5.7

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

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

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

Lab Job ID: 460-290487-1

Job Description: Precision

National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	OMW-42			MW-42S			OMW-46			OMW-47			MW-48S			MW-46S			OMW-48		
Lab Sample ID	460-290487-1			460-290487-2			460-290487-3			460-290487-4			460-290487-5			460-290487-6			460-290487-7		
Sampling Date	10/16/2023 15:45:00			10/16/2023 13:50:00			10/16/2023 15:20:00			10/16/2023 15:40:00			10/16/2023 14:15:00			10/16/2023 13:10:00			10/16/2023 15:00:00		
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)	155		8.1	8.1	U	8.1	8.1	U	8.1	175		8.1	8.1	U	8.1	407	U	407	75.1		8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-290564-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-40I			MW-39S			OMW-39			OMW-41			OMW-40			OMW-44		
Lab Sample ID	460-290564-1			460-290564-2			460-290564-3			460-290564-4			460-290564-5			460-290564-6		
Sampling Date	10/17/2023 10:20:00			10/17/2023 11:45:00			10/17/2023 14:00:00			10/17/2023 14:25:00			10/17/2023 11:40:00			10/17/2023 14:40:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Chromium	180		5.7	10.4		5.7	10.9		5.7	175		5.7	316		5.7	7.5	J	5.7

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

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment

Eurofins Edison

Lab Job ID: 460-290564-1

Job Description: Precision Nat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	MW-38S			MW-38I			MW-44S			MW-41S			OMW-38			MW-14S		
Lab Sample ID	460-290564-7			460-290564-8			460-290564-9			460-290564-10			460-290564-11			460-290564-12		
Sampling Date	10/17/2023 10:55:00			10/17/2023 12:05:00			10/17/2023 15:40:00			10/17/2023 15:45:00			10/17/2023 15:55:00			10/17/2023 16:00:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Chromium	6.7	J	5.7	5.7	U	5.7	5.7	U	5.7	5.8	J	5.7	12.7		5.7	111		5.7

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-290564-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-40I			MW-39S			OMW-39			OMW-41			OMW-40			OMW-44		
Lab Sample ID	460-290564-1			460-290564-2			460-290564-3			460-290564-4			460-290564-5			460-290564-6		
Sampling Date	10/17/2023 10:20:00			10/17/2023 11:45:00			10/17/2023 14:00:00			10/17/2023 14:25:00			10/17/2023 11:40:00			10/17/2023 14:40:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	108	1, J+	8.1	16.3	U	16.3	8.1	U	8.1	125		8.1	286		81.4	8.1	U	8.1

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

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

J+: After validation, the result is qualified as estimated, biased high.

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment
Eurofins Edison

Lab Job ID: 460-290564-1

Job Description: Precision Natio

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-38S			MW-38I			MW-44S			MW-41S			OMW-38			MW-14S		
Lab Sample ID	460-290564-7			460-290564-8			460-290564-9			460-290564-10			460-290564-11			460-290564-12		
Sampling Date	10/17/2023 10:55:00			10/17/2023 12:05:00			10/17/2023 15:40:00			10/17/2023 15:45:00			10/17/2023 15:55:00			10/17/2023 16:00:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	40700	U	40700	8.1	U	8.1	71.4		8.1

F1 : MS and/or MSD recovery excee

U : Indicates the analyte was analyzi

J+: After validation, the result is qu

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-290655-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	OMW-43			MW-43I			MW-45S			MW-15S			OMW-45			OMW-24		
Lab Sample ID	460-290655-1			460-290655-2			460-290655-3			460-290655-4			460-290655-5			460-290655-6		
Sampling Date	10/18/2023 09:45:00			10/18/2023 10:40:00			10/18/2023 10:10:00			10/18/2023 12:00:00			10/18/2023 10:20:00			10/18/2023 08:45:00		
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	105		5.7	5.7	U	5.7	63.3		5.7	61.8		5.7	20.4		5.7	245		5.7

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

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environmen
Eurofins Edison

Lab Job ID: 460-290655-1

Job Description: Precision Na
 Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-9IB			AGM-5I			MW-43S			MW-9D			MW-9IA			MW-9S		
Lab Sample ID	460-290655-7			460-290655-8			460-290655-9			460-290655-10			460-290655-11			460-290655-12		
Sampling Date	10/18/2023 10:20:00			10/18/2023 12:40:00			10/18/2023 12:25:00			10/18/2023 13:55:00			10/18/2023 14:20:00			10/18/2023 13:20:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Chromium	11.7		5.7	5.7	U	5.7	113		5.7	5.7	U	5.7	8.6	J	5.7	229		5.7

J : Result is less than the RL but g

U : Indicates the analyte was ana

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environmen

Eurofins Edison

Lab Job ID: 460-290655-1

Job Description: Precision Na

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	OMW-15			MW-23			AGM-5S			MW-30		
Lab Sample ID	460-290655-13			460-290655-14			460-290655-15			460-290655-16		
Sampling Date	10/18/2023 14:40:00			10/18/2023 15:35:00			10/18/2023 13:20:00			10/18/2023 16:05:00		
Matrix	Water			Water			Water			Water		
Unit												
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)												
Chromium	14.6		5.7	21.1		5.7	10.8		5.7	5.7	U	5.7

J : Result is less than the RL but g

U : Indicates the analyte was ana

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-290655-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	OMW-43			MW-43I			MW-45S			MW-15S			OMW-45			OMW-24		
Lab Sample ID	460-290655-1			460-290655-2			460-290655-3			460-290655-4			460-290655-5			460-290655-6		
Sampling Date	10/18/2023 09:45:00			10/18/2023 10:40:00			10/18/2023 10:10:00			10/18/2023 12:00:00			10/18/2023 10:20:00			10/18/2023 08:45:00		
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)	30.5		8.1	81.4	U	81.4	48.4		8.1	8.1	U	8.1	8.1	U	8.1	81.4	U	81.4

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

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

Lab Contact:

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Eurofins Environmen

Eurofins Edison

Lab Job ID: 460-290655-1

Job Description: Precision Na

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-9IB			AGM-5I			MW-43S			MW-9D			MW-9IA			MW-9S		
Lab Sample ID	460-290655-7			460-290655-8			460-290655-9			460-290655-10			460-290655-11			460-290655-12		
Sampling Date	10/18/2023 10:20:00			10/18/2023 12:40:00			10/18/2023 12:25:00			10/18/2023 13:55:00			10/18/2023 14:20:00			10/18/2023 13:20:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	91.6		8.1	8.1	U	8.1	8.4	J	8.1	176		8.1

J : Result is less than the RL but g

U : Indicates the analyte was ana

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environmen

Eurofins Edison

Lab Job ID: 460-290655-1

Job Description: Precision Na

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	OMW-15			MW-23			AGM-5S			MW-30		
Lab Sample ID	460-290655-13			460-290655-14			460-290655-15			460-290655-16		
Sampling Date	10/18/2023 14:40:00			10/18/2023 15:35:00			10/18/2023 13:20:00			10/18/2023 16:05:00		
Matrix	Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A												
Cr (VI) (ug/l)	14.9		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 g

U : Indicates the analyte was ana

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-290739-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-17S			OMW-29			AGM-2S			AGM-2I			AGM-3I			OMW-28		
Lab Sample ID	460-290739-1			460-290739-2			460-290739-3			460-290739-4			460-290739-5			460-290739-6		
Sampling Date	10/19/2023 10:25:00			10/19/2023 11:05:00			10/19/2023 10:20:00			10/19/2023 11:25:00			10/19/2023 11:10:00			10/19/2023 11:20:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Chromium	11.6		5.7	255		28.7	5.7	U	5.7	5.7	U	5.7	5.7	U	5.7	326		28.7

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

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment

Eurofins Edison

Lab Job ID: 460-290739-1

Job Description: Precision Nat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	Trolly Frack Seep			AGM-4S			MW-49S			MW-16S			OMW-27			AGM-4I		
Lab Sample ID	460-290739-7			460-290739-8			460-290739-9			460-290739-10			460-290739-11			460-290739-12		
Sampling Date	10/19/2023 12:25:00			10/19/2023 13:45:00			10/19/2023 15:00:00			10/19/2023 13:05:00			10/19/2023 15:20:00			10/19/2023 15:25:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																		
Chromium	236		5.7	5.7	U	5.7	7.1	J	5.7	5.7	U	5.7	3080		11.5	5.7	U	5.7

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment**Eurofins Edison**

Lab Job ID: 460-290739-1

Job Description: Precision Nat

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 0884

Client ID	OMW-49			OMW-50			OMW-26		
Lab Sample ID	460-290739-13			460-290739-14			460-290739-15		
Sampling Date	10/19/2023 15:35:00			10/19/2023 15:40:00			10/19/2023 16:00:00		
Matrix	Water			Water			Water		
Unit									
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)									
Chromium	176		5.7	77.1	J	57.4	38.6		5.7

J : Result is less than the RL but gr

U : Indicates the analyte was analy

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-290739-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-17S			OMW-29			AGM-2S			AGM-2I			AGM-3I			OMW-28		
Lab Sample ID	460-290739-1			460-290739-2			460-290739-3			460-290739-4			460-290739-5			460-290739-6		
Sampling Date	10/19/2023 10:25:00			10/19/2023 11:05:00			10/19/2023 10:20:00			10/19/2023 11:25:00			10/19/2023 11:10:00			10/19/2023 11:20:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	30.8		8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Enviror
Eurofins Edison

Lab Job ID: 460-290739

Job Description: Precipitation

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	Trolley Frack Seep			AGM-4S			MW-49S			MW-16S			OMW-27			AGM-4I		
Lab Sample ID	460-290739-7			460-290739-8			460-290739-9			460-290739-10			460-290739-11			460-290739-12		
Sampling Date	10/19/2023 12:25:00			10/19/2023 13:45:00			10/19/2023 15:00:00			10/19/2023 13:05:00			10/19/2023 15:20:00			10/19/2023 15:25:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	47.2		8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	407	U	407	8.1	U	8.1

U : Indicates the analyte was not detected

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Enviror
Eurofins Edison

Lab Job ID: 460-290739

Job Description: Precipitation

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	OMW-49			OMW-50			OMW-26		
Lab Sample ID	460-290739-13			460-290739-14			460-290739-15		
Sampling Date	10/19/2023 15:35:00			10/19/2023 15:40:00			10/19/2023 16:00:00		
Matrix	Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A									
Cr (VI) (ug/l)	121		8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was not detected

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-290800-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-B01D			MW-B01S			SB-2			OMW-13			SB-1			MW-24		
Lab Sample ID	460-290800-1			460-290800-2			460-290800-3			460-290800-4			460-290800-5			460-290800-6		
Sampling Date	10/20/2023 10:55:00			10/20/2023 11:15:00			10/20/2023 09:40:00			10/20/2023 11:10:00			10/20/2023 11:00:00			10/20/2023 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
WATER BY 200.7 REV																		
Chromium	10.2		5.7	9.5	J	5.7	206		5.7	5.7	U	5.7	99.8		5.7	14.1		5.7

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

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environmer**Eurofins Edison**

Lab Job ID: 460-290800-1

Job Description: Precision Ne

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-3S			MW-3D			OMW-18		
Lab Sample ID	460-290800-7			460-290800-8			460-290800-9		
Sampling Date	10/20/2023 13:15:00			10/20/2023 13:25:00			10/20/2023 13:15:00		
Matrix	Water			Water			Water		
Unit									
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV									
Chromium	9.1	J	5.7	12.4		5.7	5.7	U	5.7

J : Result is less than the RL but g

U : Indicates the analyte was ana

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-290800-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-B01D			MW-B01S			SB-2			OMW-13			SB-1			MW-24		
Lab Sample ID	460-290800-1			460-290800-2			460-290800-3			460-290800-4			460-290800-5			460-290800-6		
Sampling Date	10/20/2023 10:55:00			10/20/2023 11:15:00			10/20/2023 09:40:00			10/20/2023 11:10:00			10/20/2023 11:00:00			10/20/2023 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
WATER BY 7196A																		
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environme

Eurofins Edison

Lab Job ID: 460-290800-1

Job Description: Precision I

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-3S			MW-3D			OMW-18		
Lab Sample ID	460-290800-7			460-290800-8			460-290800-9		
Sampling Date	10/20/2023 13:15:00			10/20/2023 13:25:00			10/20/2023 13:15:00		
Matrix	Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A									
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

U : Indicates the analyte was a

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-290968-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-18S			MW-18I			MW-11I			MW-11S		
Lab Sample ID	460-290968-1			460-290968-2			460-290968-3			460-290968-4		
Sampling Date	10/23/2023 15:40:00			10/23/2023 12:10:00			10/23/2023 12:40:00			10/23/2023 15:40:00		
Matrix	Water			Water			Water			Water		
Unit												
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)												
Chromium	11.0		5.7	5.7	U	5.7	41.3		5.7	623		5.7

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-290968-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-18S			MW-18I			MW-11I			MW-11S		
Lab Sample ID	460-290968-1			460-290968-2			460-290968-3			460-290968-4		
Sampling Date	10/23/2023 15:40:00			10/23/2023 12:10:00			10/23/2023 12:40:00			10/23/2023 15:40:00		
Matrix	Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A												
Cr (VI) (ug/l)	8.1	U	8.1	30.0		8.1	8.1	U	8.1	8.1	U	8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-291055-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-12I			MW-10I			OMW-16			MW-12S			MW-AD			MW-10S			MW-AS		
Lab Sample ID	460-291055-1			460-291055-2			460-291055-3			460-291055-4			460-291055-5			460-291055-6			460-291055-7		
Sampling Date	10/24/2023 10:15:00			10/24/2023 09:55:00			10/24/2023 11:10:00			10/24/2023 11:15:00			10/24/2023 11:30:00			10/24/2023 12:40:00			10/24/2023 13:05:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
Unit																					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV 4.4(UG/L)																					
Chromium	58.0		5.7	17.2		5.7	5.7	U	5.7	68.0		5.7	79.8		5.7	446		5.7	8.7	J	5.7

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

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environn**Eurofins Edison**

Lab Job ID: 460-291055-1

Job Description: Precision

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	OMW-30			OMW-4			MW-11S			OMW-2			OMW-11			MW-29			MW-37S		
Lab Sample ID	460-291055-8			460-291055-9			460-291055-10			460-291055-11			460-291055-12			460-291055-13			460-291055-14		
Sampling Date	10/24/2023 14:25:00			10/24/2023 14:30:00			10/24/2023 14:50:00			10/24/2023 15:55:00			10/24/2023 16:20:00			10/24/2023 15:20:00			10/24/2023 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	203		5.7	107		5.7	6.5	J	5.7	231		5.7	203		5.7	25.8		5.7	93.3		5.7

J : Result is less than the RL b

U : Indicates the analyte was

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-291055-1

Job Description: Precision

National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey

08844

Client ID	MW-12I			MW-10I			OMW-16			MW-12S			MW-AD			MW-10S			MW-AS		
Lab Sample ID	460-291055-1			460-291055-2			460-291055-3			460-291055-4			460-291055-5			460-291055-6			460-291055-7		
Sampling Date	10/24/2023 10:15:00			10/24/2023 09:55:00			10/24/2023 11:10:00			10/24/2023 11:15:00			10/24/2023 11:30:00			10/24/2023 12:40:00			10/24/2023 13:05:00		
Matrix	Water			Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																					
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	12.2		8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Edison

Eurofins Env

Eurofins Edis

Lab Job ID: 460-29

Job Description: Pl

National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New

08844

Client ID	OMW-30			OMW-4			MW-11S			OMW-2			OMW-11			MW-29			MW-37S		
Lab Sample ID	460-291055-8			460-291055-9			460-291055-10			460-291055-11			460-291055-12			460-291055-13			460-291055-14		
Sampling Date	10/24/2023 14:25:00			10/24/2023 14:30:00			10/24/2023 14:50:00			10/24/2023 15:55:00			10/24/2023 16:20:00			10/24/2023 15:20:00			10/24/2023 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)	8.1	U	8.1	16.7		8.1	8.1	U	8.1	16.7		8.1	8.1	U	8.1	19.0		8.1	8.1	U	8.1

U : Indicates the analy

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-291145-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	Res-1			Res-2			OMW-3			SB-10			MW-BS			MW-LS		
Lab Sample ID	460-291145-1			460-291145-2			460-291145-3			460-291145-4			460-291145-5			460-291145-6		
Sampling Date	10/25/2023 09:00:00			10/25/2023 09:15:00			10/25/2023 10:45:00			10/25/2023 11:15:00			10/25/2023 10:10:00			10/25/2023 11:40:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV																		
Chromium	5.7	U	5.7	5.7	U	5.7	39.9		5.7	27.4		5.7	22.2		5.7	7.2	J	5.7

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

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environme
Eurofins Edison

Lab Job ID: 460-291145-1
 Job Description: Precision N:
 Plating
 For:
 ARCADIS U.S., Inc
 1 Harvard Way
 Hillsborough, New Jersey 08

Client ID	MW-21S			MW-BD			SB-6			OMW-32			OMW-6			MW-36S			MW-31S		
Lab Sample ID	460-291145-7			460-291145-8			460-291145-9			460-291145-10			460-291145-11			460-291145-12			460-291145-13		
Sampling Date	10/25/2023 12:20:00			10/25/2023 13:25:00			10/25/2023 12:45:00			10/25/2023 12:30:00			10/25/2023 15:35:00			10/25/2023 15:55:00			10/25/2023 16:00:00		
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																					
Chromium	5.9	J	5.7	7.8	J	5.7	27.0		5.7	603		5.7	5.7	U	5.7	5.7	U	5.7	10.8		5.7

J : Result is less than the RL but §
 U : Indicates the analyte was an:

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

Eurofins Environment Testing Northeast, LLC

Eurofins Edison

Lab Job ID: 460-291145-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID							OMW-3			SB-10			MW-BS			MW-LS			MW-21S					
Lab Sample ID	460-291145-1			460-291145-2			460-291145-3			460-291145-4			460-291145-5			460-291145-6			460-291145-7					
Sampling Date	10/25/2023 09:00:00			10/25/2023 09:15:00			10/25/2023 10:45:00			10/25/2023 11:15:00			10/25/2023 10:10:00			10/25/2023 11:40:00			10/25/2023 12:20:00					
Matrix	Water			Water			Water			Water			Water			Water			Water					
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL			
WATER BY 7196A																								
Cr (VI) (ug/l)	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1	8.1	U	8.1			

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

Eurofins Environn**Eurofins Edison**

Lab Job ID: 460-291145-1

Job Description: Precisor

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey

Client ID	MW-BD			SB-6			OMW-32			OMW-6			MW-36S			MW-31S		
Lab Sample ID	460-291145-8			460-291145-9			460-291145-10			460-291145-11			460-291145-12			460-291145-13		
Sampling Date	10/25/2023 13:25:00			10/25/2023 12:45:00			10/25/2023 12:30:00			10/25/2023 15:35:00			10/25/2023 15:55:00			10/25/2023 16:00:00		
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	528		40.7	8.1	U	8.1	8.1	U	8.1	81.4	U	81.4

U : Indicates the analyte was

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-291241-1

Job Description: Precision National

Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Client ID	MW-4D			MW-4S			MW-32S			MW-CI			MW-CS			MW-26S		
Lab Sample ID	460-291241-1			460-291241-2			460-291241-3			460-291241-4			460-291241-5			460-291241-6		
Sampling Date	10/26/2023 11:00:00			10/26/2023 09:50:00			10/26/2023 09:55:00			10/26/2023 10:00:00			10/26/2023 11:15:00			10/26/2023 12:10:00		
Matrix	Water			Water			Water			Water			Water			Water		
Unit																		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 200.7 REV																		
Chromium	5.7	U	5.7	5.7	U	5.7	5.7	U	5.7	5.7	U	5.7	11.1		5.7	5.7	U	5.7

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

Lab Contact:

Grace Chang

Project Manager II

(732)593-2579

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

Lab Job ID: 460-291241-1

Job Description: Precision National Plating

For:

ARCADIS U.S., Inc

1 Harvard Way

Hillsborough, New Jersey 08844

Client ID	MW-4D			MW-4S			MW-32S			MW-CI			MW-CS			MW-26S		
Lab Sample ID	460-291241-1			460-291241-2			460-291241-3			460-291241-4			460-291241-5			460-291241-6		
Sampling Date	10/26/2023 11:00:00			10/26/2023 09:50:00			10/26/2023 09:55:00			10/26/2023 10:00:00			10/26/2023 11:15:00			10/26/2023 12:10:00		
Matrix	Water			Water			Water			Water			Water			Water		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 7196A																		
Cr (VI) (ug/l)	8.1	U	8.1	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

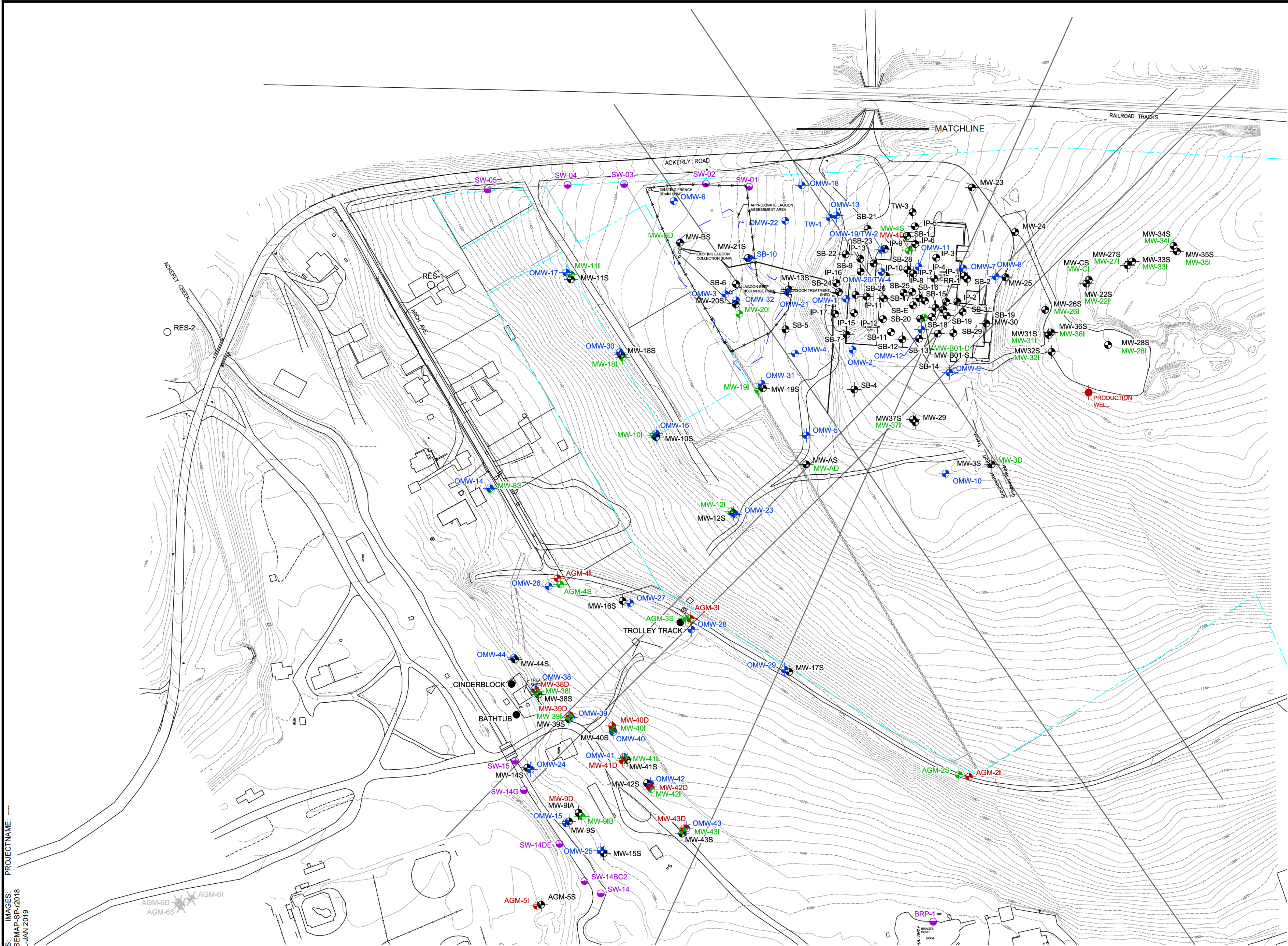
Project Manager II

(732)593-2579

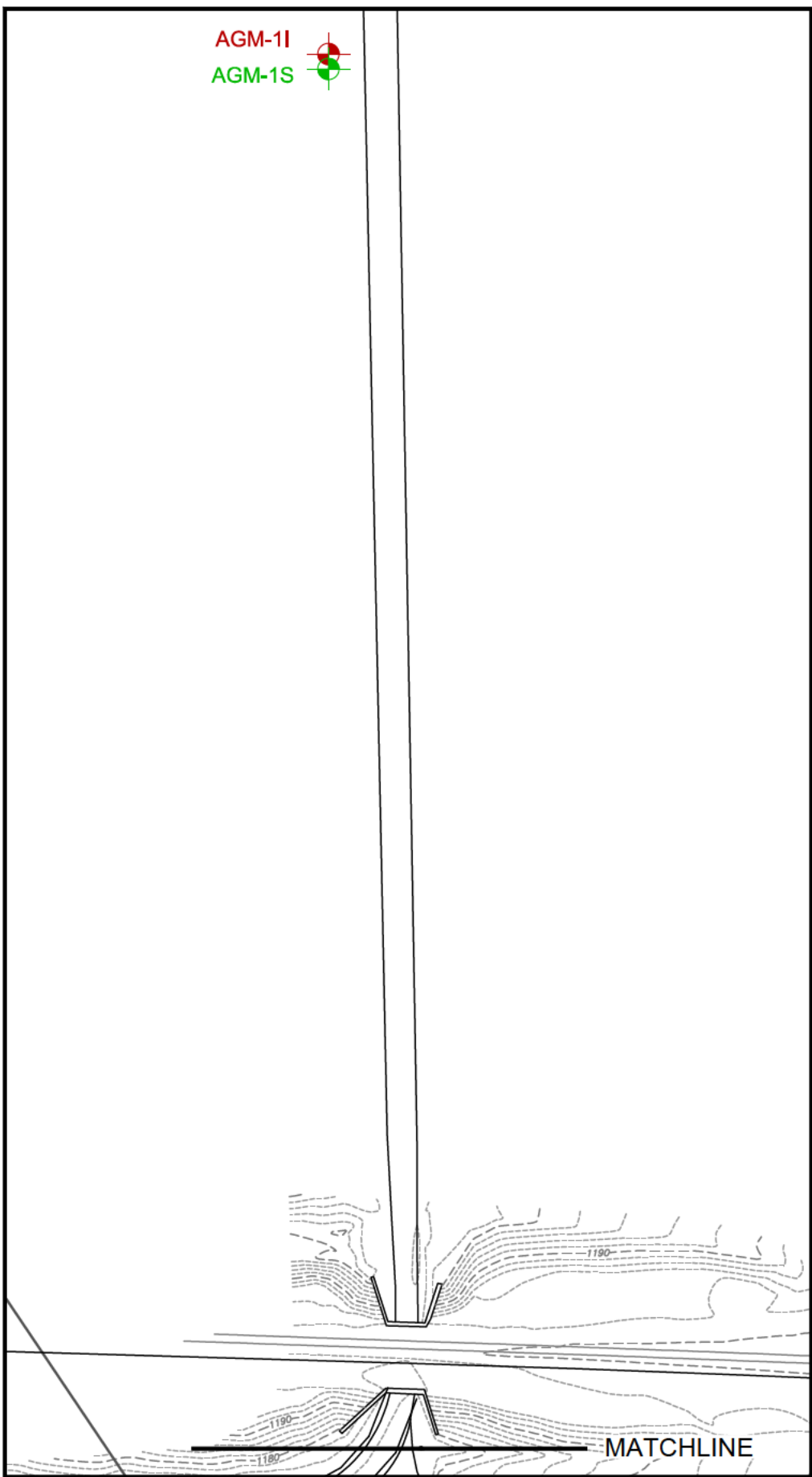
SITE PLAN

CITY: MANCHESTER CT DIV/GRP: ENV/CAD DB: T. HALLIWELL PM: L. BRUNT TM: L. BRUNT
C:\Users\lbrunt\OneDrive - ARCADIS\My Documents\PRECISION NATIONAL PLATING SERVICES INC\2019\BB014215 2019\01-DWG\ENM-Fig1-Site Plan rev Jan 2019.dwg LAYOUT: 1. SAVED: 1/17/2019 8:54 AM ACADVER: 21.05 (LMS TECH) PAGES: 1 OF 1
STANDARD C.T.B. PLOTTED: 1/17/2019 8:55 AM BY: HALLIWELL, TRISH

XREFS: IMAGES: PROJECT NAME: ---
X-BASEMAP-SP-2018
X-TTL-JAN 2019



- LEGEND:
- APPROXIMATE PROPERTY BOUNDARY
 - PATH/TRAIL
 - FENCE
 - GROUNDWATER INTERCEPTOR TRENCH
 - FRACTURE TRACE (FROM R.E. WRIGHT, 1978)
 - DEEP BEDROCK MONITORING WELL
 - INTERMEDIATE BEDROCK MONITORING WELL
 - SHALLOW BEDROCK MONITORING WELL
 - OVERBURDEN MONITORING WELL
 - SURFACE WATER SAMPLE LOCATION
 - PRODUCTION WELL
 - FORMER/ABANDONED MONITORING WELL
 - SEEP
 - RES-1 ○ RESIDENTIAL POTABLE WELL



- NOTES:
- MONITORING WELLS MW-AS/AD, MW-BS/BD, MW-3S/3D, MW-9IA/9D, MW-B01S/B01D, MW-26, MW-27, MW-28, MW-31, MW-32 & MW-33 ARE NESTED BEDROCK WELLS WITH TWO PVC WELLS IN EACH BORE HOLE (SHALLOW AND INTERMEDIATE BEDROCK)
 - MW-C AND MW-22 ARE CONVERTED WELLS, NESTED BEDROCK WELLS WITH TWO PVC WELLS IN EACH BORE HOLE (SHALLOW AND INTERMEDIATE BEDROCK)
 - WELL LOCATIONS FROM DPK SURVEYING.
 - MAP DATUM: PENNSYLVANIA STATE PLANE, NORTH, NAD83, FEET.

		Professional Engineer's Name		PRECISION NATIONAL PLATING SERVICES, INC. • 198 ACKERLY ROAD, CLARKS SUMMIT, PENNSYLVANIA		ARCADIS Project No. BB014215.2018.00015		1
THIS BAR REPRESENTS ONE INCH ON THE ORIGINAL DRAWING.		USE TO VERIFY FIGURE REPRODUCTION SCALE		Professional Engineer's No.		Date JANUARY 2019		
				State		ARCADIS 1 HARVARD WAY, SUITE 5 HILLSBOROUGH, NJ 08844 TEL: 908.685.7845		
				Date Signed				
				Project Mgr. LGB				
				Designed by LGB				
				Drawn by TPH				
				Checked by SWI				
THIS DRAWING IS THE PROPERTY OF THE ARCADIS ENTITY IDENTIFIED IN THE TITLE BLOCK AND MAY NOT BE REPRODUCED OR ALTERED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAME.								
ARCADIS Design & Construction for natural and built assets ARCADIS U.S., INC. NEW JERSEY ENGINEERING CERTIFICATE OF AUTHORIZATION NUMBER 24GA27939600								
SITE PLAN								

HISTORICAL MONITORING RESULTS

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Sample Results

	AGM-1I															
	04/07/99	05/04/99	08/04/99	11/09/99	02/08/00	05/02/00	08/09/00	11/09/00	02/14/01	05/15/01	08/15/01	11/13/01	02/05/02	05/21/02	08/19/02	11/13/02
	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	GW-AGM1I	GW-AGM-1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I
Metals (µg/L)																
Aluminum	127 BJ	10.2 UJ	19.2 U	10.8 U	9.8 U	41.5 BU	122 BU	19.7 BJ	40.7 BU	18.4 BU	40.4 BU	17.2 BU	--	--	--	--
Antimony	23.5 U	2.3 U	6 U	3.6 U	3.4 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 U	--	12.7 BJ	5.3 U	12.7 BJ
Arsenic	3.4 BU	2.2 BU	3.1 U	2.6 U	2.6 U	2.6 U	1.8 U	1.8 U	2.2 U	2.2 U	2.2 U	2.2 U	--	--	--	--
Barium	2220	2050 EJ	2210 EJ	4990	4830	5030 EJ	4640	480	4840 EJ	5040 EJ	5240	4920	--	--	--	--
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--
Cadmium	0.8 BJ	0.4 BU	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 UNJ	0.3 U	0.3 U	0.3 U	--	--	--	--
Calcium	27300	26000 EJ	27800	70100	69800 U	65700 U	60900	65000	58400	61900 U	75800	71000	--	--	--	--
Chromium	5.9 BJ	0.7 BJ	4.8 BJ	1.6 U	10 U	14	7.7 BJ	6 BJ	6.1 BJ	6.3 BJ	6.5 BJ	7.1 BJ	6 BU	6.9 BJ	0.83 U	1.2 U
Cobalt	1.3 BJ	2 BJ	1.3 U	1.1 U	1.2 U	1.5 BJ	2.7 BJ	1.9 U	1.6 U	1.9 BJ	3 BJ	9.8 BJ	--	--	--	--
Copper	3 BU	1.1 BJ	1.8 BJ	1.9 U	2 U	2 U	7 BJ	7.2 BJ	10.4 BJ	4.6 BU	1.6 U	1.6 U	--	--	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	22	10 U	10 U	10 U	10 U	10 U
Iron	50900 J	31400 NEJ	12700	3730	1580	1560	1900	1660	2880 *NJ	3120	2070 J	2560	--	--	--	--
Lead	3 BU	1.2 BJ	2.7 U	2.8 J	1.5 U	1.5 U	1.7 U	2.4 BJ	2 U	2 U	2 U	2 U	--	--	--	--
Magnesium	2700 BJ	2730 BEJ	3700 BJ	7270	7160	7130 U	6770	6850	6780	7110 U	8140	7300	--	--	--	--
Manganese	1000	667 EJ	261	214 U	193	200 U	176	185	199	212	221	214 J	--	--	--	--
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--
Nickel	2.7 BJ	0.6 U	2.4 BJ	1.6 U	7.8 J	11.9 BJ	26.7 U	6.6 BJ	6.5 BJ	6.8 BU	6.5 BJ	4.9 BJ	--	--	--	--
Potassium	5610	6300	5350	6790	6920 U	6920 U	6530	8580 EJ	8820 EJ	9330 EU	8410 J	8140	--	--	--	--
Selenium	1.6 UWJ	2.4 UWNJ	2.4 U	1.9 U	1.3 U	1.6 U	3.6 UWJ	2.8 U	2.2 UW	2.2 U	2.2 U	1.4 U	--	--	--	--
Silver	1.2 U	1.2 U	3.7 UNJ	2.1 U	1.6 U	1.6 UNJ	3 U	3 UNJ	1.8 U	1.8 UNJ	4.5 BU	1.8 U	--	--	--	--
Sodium	15200	16200	19200	18700	20000 U	19800 U	18300	18800	18000	18900	21700	19900	--	--	--	--
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	4.2 BU	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U	--	--	--	--
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	--	--	--	--
Zinc	129 *J	112 EJ	145	40.3 U	52.8 U	22.9 U	8.9 BJ	10.8 BJ	20.2 *J	66.4 EU	13.4 BJ	6 BU	--	--	--	--

Notes:

ug/L - micrograms/liter mg/L - milligrams/liter

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

	AGM-1I															
	05/12/03	11/04/03	05/18/04	11/15/04	05/17/05	10/25/05	10/25/06	01/23/07	04/24/07	07/24/07	10/23/07	01/22/08	01/24/08	04/22/08	07/22/08	10/15/08
	GW-AGM1I	GWAGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I
Metals (µg/L)																
Aluminum	--	--	--	--	--	62.8 BJ	--	80.9 B	62.6 U	62.6 U	62.6 U	32.8 B	--	7.09 B	17.8 B	62.6 U
Antimony	28 BU	5 BU	5.8 U	2.5 U	2.5 UJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.204 B	--	0.082 B	0.134 B	5.8 U
Arsenic	--	--	--	--	--	3.1 U	--	3.2 U	3.2 U	3.2 U	2.8 U	0.157 B	--	0.223 B	0.333 B	3.2 U
Barium	--	--	--	--	--	4500	--	4370	4450	1330	4430	752	--	3670	4450	5160
Beryllium	--	--	--	--	--	0.4 U	--	0.3 U	0.3 U	0.3 U	0.3 U	0.025 U	--	0.025 U	0.042 B	0.3 U
Cadmium	--	--	--	--	--	0.8 U	--	0.4 U	0.4 U	0.4 U	0.4 U	0.135 U	--	0.135 U	0.135 U	0.4 U
Calcium	--	--	--	--	--	73300	--	72600	70000	23200	73700	13400	--	66000	73000	79100
Chromium	5.9 BJ	1.1 BU	12.2	4.1 BJ	4.7 BJ	23.5	3 U	5.8 B	1.7 B	1.6 U	1.6 U	16.3	--	3.33 B	5.91	2.3 B
Cobalt	--	--	--	--	--	1.9 U	--	2.2 B	1.7 U	1.7 U	1.7 U	1.84 B	--	0.694 B	7.92	1.7 U
Copper	--	--	--	--	--	1.2 U	--	3.7 U	3.7 U	3.7 U	3.7 U	4.03 B	--	0.79 B	1.79 B	3.7 U
Hexavalent Chromium	10 BU	10 UNJ	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UR	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	2490	--	4080	3100	2080	3290	7360	--	3800	6800	3620
Lead	--	--	--	--	--	1.9 U	--	2.7 U	2.7 U	2.7 U	2.7 U	0.124 B	--	0.071 B	0.269 B	2.7 U
Magnesium	--	--	--	--	--	8360	--	7420	7170	2730 B	7690	2090	--	8140	8940	8240
Manganese	--	--	--	--	--	221	--	207	200	93.5	201	72	--	197	225	226
Mercury	--	--	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U
Nickel	--	--	--	--	--	18.7 BJ	--	5.3 B	2.4 U	2.4 U	2.4 U	15.1	--	3.16 B	4.67 B	2.4 U
Potassium	--	--	--	--	--	8680	--	6930	6850	5170	6800	5600	--	7440	7440	8080
Selenium	--	--	--	--	--	3.9 UNJ	--	4.2 U	4.2 U	4.2 U	4.2 U	0.1 U	--	0.1 U	0.1 U	4.2 U
Silver	--	--	--	--	--	10 BNU	--	1.4 U	1.4 U	1.4 U	1.4 U	5.38	--	0.077 B	0.18 B	1.4 U
Sodium	--	--	--	--	--	20300	--	21100	21900	20900	20400	26200	--	23600	22200	23100
Thallium	--	--	--	--	--	2.9 U	--	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	--	0.112 U	0.112 U	4.7 U
Vanadium	--	--	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U	0.378 B	--	0.688 B	0.302 B	4.7 U
Zinc	--	--	--	--	--	20 BU	--	5.8 U	5.8 U	5.8 U	5.8 U	6.54 B	--	5.51 B	8.34 B	5.8 U

	AGM-1I															
	01/27/09	04/21/09	04/27/09	07/22/09	10/21/09	04/20/10	10/05/10	04/19/11	10/04/11	01/18/12	04/17/12	01/22/13	01/24/14	05/01/15	04/27/17	4/23/2018
	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1S	AGM-1I	AGM 1I	AGM 1I
Metals (µg/L)																
Aluminum	77.4 U	200 U	--	200 U	200 U	--	--	--	--	--	--	--	--	--	--	--
Antimony	4.9 U	10 U	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Arsenic	4.5 U	5 U	--	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Barium	4950	4870	--	5030	3230	--	--	--	--	--	--	--	--	--	--	--
Beryllium	0.1 U	2 U	--	2 U	2 U	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.5 U	5 U	--	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Calcium	70500	75100	--	79100 B	50200	--	--	--	--	--	--	--	--	--	--	--
Chromium	39	5 J	--	10 U	10 U	10 U	10 U	10 U	9.8 J	11.4	9 J	10 U	9.8 J	8.7 J	10 U	7.4 J
Cobalt	3.5 U	50 U	--	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Copper	3.3 B	25 U	--	25 U	25 U	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	10 UHR	10 U	4.8 J	8.3 J	24.3	10.4	4 J	10 U	10 U	10 U	10 U	3.6 J	10 U	10 U	10 U
Iron	4590	5460	--	2740	4080	--	--	--	--	--	--	--	--	--	--	--
Lead	2.2 U	5 U	--	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Magnesium	8370	8220	--	8030	5990	--	--	--	--	--	--	--	--	--	--	--
Manganese	112	187	--	255	121	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.1 U	--	--	0.2 U	0.2 U	--	--	--	--	--	--	--	--	--	--	--
Nickel	43.9	5.3 J	--	40 U	40 U	--	--	--	--	--	--	--	--	--	--	--
Potassium	7850	8320	--	6990	6370	--	--	--	--	--	--	--	--	--	--	--
Selenium	4.8 U	5 U	--	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Silver	1.2 U	10 U	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Sodium	24100	23200	--	22000	19600	--	--	--	--	--	--	--	--	--	--	--
Thallium	4.8 U	10 U	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Vanadium	1.5 U	50 U	--	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Zinc	5.8 U	30 U	--	30 U	30 U	--	--	--	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

AGM-1I														
	04/07/99	05/04/99	08/04/99	11/09/99	02/08/00	05/02/00	08/09/00	11/09/00	02/14/01	05/15/01	08/15/01	11/13/01	02/05/02	05/21/02
	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	GW-AGM1I	GW-AGM-1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I
Metals (µg/L)														
Aluminum	127 BJ	10.2 UJ	19.2 U	10.8 U	9.8 U	41.5 BU	122 BU	19.7 BJ	40.7 BU	18.4 BU	40.4 BU	17.2 BU		
Antimony	23.5 U	2.3 U	6 U	3.6 U	3.4 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	12.7 BJ
Arsenic	3.4 BU	2.2 BU	3.1 U	2.6 U	2.6 U	2.6 U	1.8 U	1.8 U	2.2 U	2.2 U	2.2 U	2.2 U		
Barium	2220	2050 EJ	2210 EJ	4990	4830	5030 EJ	4640	480	4840 EJ	5040 EJ	5240	4920		
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Cadmium	0.8 BJ	0.4 BU	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 UNJ	0.3 U	0.3 U	0.3 U		
Calcium	27300	26000 EJ	27800	70100	69800 U	65700 U	60900	65000	58400	61900 U	75800	71000		
Chromium	5.9 BJ	0.7 BJ	4.8 BJ	1.6 U	10 U	14	7.7 BJ	6 BJ	6.1 BJ	6.3 BJ	6.5 BJ	7.1 BJ	6 BU	6.9 BJ
Cobalt	1.3 BJ	2 BJ	1.3 U	1.1 U	1.2 U	1.5 BJ	2.7 BJ	1.9 U	1.6 U	1.9 BJ	3 BJ	9.8 BJ		
Copper	3 BU	1.1 BJ	1.8 BJ	1.9 U	2 U	2 U	7 BJ	7.2 BJ	10.4 BJ	4.6 BU	1.6 U	1.6 U		
Hexavalent	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	22	10 U	10 U	10 U
Iron	50900 J	31400 NEJ	12700	3730	1580	1560	1900	1660	2880 *NJ	3120	2070 J	2560		
Lead	3 BU	1.2 BJ	2.7 U	2.8 J	1.5 U	1.5 U	1.7 U	2.4 BJ	2 U	2 U	2 U	2 U		
Magnesium	2700 BJ	2730 BEJ	3700 BJ	7270	7160	7130 U	6770	6850	6780	7110 U	8140	7300		
Manganese	1000	667 EJ	261	214 U	193	200 U	176	185	199	212	221	214 J		
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Nickel	2.7 BJ	0.6 U	2.4 BJ	1.6 U	7.8 J	11.9 BJ	26.7 U	6.6 BJ	6.5 BJ	6.8 BU	6.5 BJ	4.9 BJ		
Potassium	5610	6300	5350	6790	6920 U	6920 U	6530	8580 EJ	8820 EJ	9330 EU	8410 J	8140		
Selenium	1.6 UWJ	2.4 UWNJ	2.4 U	1.9 U	1.3 U	1.6 U	3.6 UWJ	2.8 U	2.2 UW	2.2 U	2.2 U	1.4 U		
Silver	1.2 U	1.2 U	3.7 UNJ	2.1 U	1.6 U	1.6 UNJ	3 U	3 UNJ	1.8 U	1.8 UNJ	4.5 BU	1.8 U		
Sodium	15200	16200	19200	18700	20000 U	19800 U	18300	18800	18000	18900	21700	19900		
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	4.2 BU	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U		
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U		
Zinc	129 *J	112 EJ	145	40.3 U	52.8 U	22.9 U	8.9 BJ	10.8 BJ	20.2 *J	66.4 EU	13.4 BJ	6 BU		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		AGM-1I													
		08/19/02	11/13/02	05/12/03	11/04/03	05/18/04	11/15/04	05/17/05	10/25/05	10/25/06	01/23/07	04/24/07	07/24/07	10/23/07	01/22/08
		GW-AGM1I	GW-AGM1I	GW-AGM1I	GWAGM1I	GW-AGM1I	GW-AGM1I	GW-AGM1I	GW-AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I
Metals (µg/L)															
	Aluminum								62.8 BJ		80.9 B	62.6 U	62.6 U	62.6 U	32.8 B
	Antimony	5.3 U	12.7 BJ	28 BU	5 BU	5.8 U	2.5 U	2.5 UJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.204 B
	Arsenic								3.1 U		3.2 U	3.2 U	3.2 U	2.8 U	0.157 B
	Barium								4500		4370	4450	1330	4430	752
	Beryllium								0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.025 U
	Cadmium								0.8 U		0.4 U	0.4 U	0.4 U	0.4 U	0.135 U
	Calcium								73300		72600	70000	23200	73700	13400
	Chromium	0.83 U	1.2 U	5.9 BJ	1.1 BU	12.2	4.1 BJ	4.7 BJ	23.5	3 U	5.8 B	1.7 B	1.6 U	1.6 U	16.3
	Cobalt								1.9 U		2.2 B	1.7 U	1.7 U	1.7 U	1.84 B
	Copper								1.2 U		3.7 U	3.7 U	3.7 U	3.7 U	4.03 B
	Hexavalent	10 U	10 U	10 BU	10 UNJ	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UR
	Iron								2490		4080	3100	2080	3290	7360
	Lead								1.9 U		2.7 U	2.7 U	2.7 U	2.7 U	0.124 B
	Magnesium								8360		7420	7170	2730 B	7690	2090
	Manganese								221		207	200	93.5	201	72
	Mercury								0.16 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Nickel								18.7 BJ		5.3 B	2.4 U	2.4 U	2.4 U	15.1
	Potassium								8680		6930	6850	5170	6800	5600
	Selenium								3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U	0.1 U
	Silver								10 BNU		1.4 U	1.4 U	1.4 U	1.4 U	5.38
	Sodium								20300		21100	21900	20900	20400	26200
	Thallium								2.9 U		4.7 U	4.7 U	4.7 U	1.9 U	0.112 U
	Vanadium								2 U		4.7 U	4.7 U	4.7 U	3 U	0.378 B
	Zinc								20 BU		5.8 U	5.8 U	5.8 U	5.8 U	6.54 B

AGM-1I													
01/24/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	04/27/09	07/22/09	10/21/09	04/20/10	10/05/10	04/19/11	10/04/11	01/18/12
AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM-1I

Metals (µg/L)														
Aluminum		7.09 B	17.8 B	62.6 U	77.4 U	200 U		200 U	200 U					
Antimony		0.082 B	0.134 B	5.8 U	4.9 U	10 U		10 U	10 U					
Arsenic		0.223 B	0.333 B	3.2 U	4.5 U	5 U		5 U	5 U					
Barium		3670	4450	5160	4950	4870		5030	3230					
Beryllium		0.025 U	0.042 B	0.3 U	0.1 U	2 U		2 U	2 U					
Cadmium		0.135 U	0.135 U	0.4 U	0.5 U	5 U		5 U	5 U					
Calcium		66000	73000	79100	70500	75100		79100 B	50200					
Chromium		3.33 B	5.91	2.3 B	39	5 J		10 U	10 U	10 U	10 U	10 U	9.8 J	11.4
Cobalt		0.694 B	7.92	1.7 U	3.5 U	50 U		50 U	50 U					
Copper		0.79 B	1.79 B	3.7 U	3.3 B	25 U		25 U	25 U					
Hexavalent	10 U	10 U	10 U	10 U	10 U	10 UHR	10 U	4.8 J	8.3 J	24.3	10.4	4 J	10 U	10 U
Iron		3800	6800	3620	4590	5460		2740	4080					
Lead		0.071 B	0.269 B	2.7 U	2.2 U	5 U		5 U	5 U					
Magnesium		8140	8940	8240	8370	8220		8030	5990					
Manganese		197	225	226	112	187		255	121					
Mercury		0.1 U	0.1 U	0.1 U	0.1 U			0.2 U	0.2 U					
Nickel		3.16 B	4.67 B	2.4 U	43.9	5.3 J		40 U	40 U					
Potassium		7440	7440	8080	7850	8320		6990	6370					
Selenium		0.1 U	0.1 U	4.2 U	4.8 U	5 U		5 U	5 U					
Silver		0.077 B	0.18 B	1.4 U	1.2 U	10 U		10 U	10 U					
Sodium		23600	22200	23100	24100	23200		22000	19600					
Thallium		0.112 U	0.112 U	4.7 U	4.8 U	10 U		10 U	10 U					
Vanadium		0.688 B	0.302 B	4.7 U	1.5 U	50 U		50 U	50 U					
Zinc		5.51 B	8.34 B	5.8 U	5.8 U	30 U		30 U	30 U					

AGM-1I					
04/17/12	01/22/13	01/24/14	05/01/15	04/27/17	04/23/18
AGM-1I	AGM-1I	AGM-1I	AGM-1I	AGM 1I	AGM-1I

Metals (µg/L)

Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Cadmium					
Calcium					
Chromium	9 J	10 U	9.8 J	8.7 J	10 U
Cobalt					
Copper					
Hexavalent	10 U	10 U	3.6 J	10 U	10 U
Iron					
Lead					
Magnesium					
Manganese					
Mercury					
Nickel					
Potassium					
Selenium					
Silver					
Sodium					
Thallium					
Vanadium					
Zinc					

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania
Summary of Historical Sample Results

		AGM-1S															
		04/07/99	05/04/99	08/04/99	11/09/99	02/08/00	05/02/00	08/09/00	11/09/00	02/14/01	05/15/01	08/15/01	11/13/01	02/05/02	05/22/02	08/19/02	11/13/02
		AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	GW-AGM1S	GW-AGM-1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S
Metals (µg/L)																	
Aluminum		4890	1630	25600	730	256	200 U	264 U	256	511	304 J	1280	667 J	--	--	--	--
Antimony		43.6 BJ	2.3 U	6 U	3.6 U	3.4 U	4.2 BU	5.5 U	5.5 U	4.7 UNJ	4.7 U	4.7 U	4.7 U	4.7 U	5.3 U	14.2 BU	5.3 UJ
Arsenic		1.4 BU	1.2 U	20.7	2.6 U	2.6 U	4.1 BU	1.8 U	1.8 U	3.6 BU	2.2 U	2.4 BU	2.2 U	--	--	--	--
Barium		118 BJ	70.6 BEJ	341 EJ	81.1 U	155 J	194 BEJ	188 BJ	201	182 BJ	238 EJ	284	209	--	--	--	--
Beryllium		0.3 BJ	0.1 U	1.4 BJ	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.41 BJ	0.51 BJ	--	--	--	--
Cadmium		0.2 U	0.3 BU	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 UNJ	0.3 U	0.3 U	0.3 U	--	--	--	--
Calcium		59400	64600 EJ	65700	71800	63100 U	64700 U	63000	69700	59000 *J	62300 U	76100	67200	--	--	--	--
Chromium		33.9	32	179	88.8 U	52.4	14.4	7.4 BJ	33.2	71.6 *NJ	14.4	184 J	15.1	16.1 J	24.6	29	13.3
Cobalt		3.6 BJ	2.2 BJ	27.5 BJ	1.5 J	1.2 U	1.2 U	1.9 U	1.9 U	1.6 U	1.6 U	3.3 BJ	11.1 BJ	--	--	--	--
Copper		9.5 BJ	2.4 BJ	36.2	3.5 U	4.2 J	2 U	2.6 BJ	8.5 BJ	4 BU	6.5 BU	6.1 BJ	8.2 BU	--	--	--	--
Hexavalent Chromium		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	16	10 U	10 U	10 U	10 U	10 U
Iron		6940 J	2410 NEJ	40100	1210 U	652 U	362 U	348	497	984 NJ	517	2460 J	963	--	--	--	--
Lead		4 U	1.1 UJ	14.9	3.2	1.5 U	2 BU	1.7	1.7 U	2 U	2 U	4.5 BJ	2 U	--	--	--	--
Magnesium		8260	8060 EJ	12900	8300	8140	8810 U	8950	9000	8570	9420 U	10500	9210	--	--	--	--
Manganese		436	139 EJ	2370	59.3 U	46.1	26.3 U	26.5	31.5	57.7 J	39.6 U	173	73.4 J	--	--	--	--
Mercury		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--
Nickel		25.4 BJ	23.6 BJ	178	61	65.3	13.2 BJ	26.7 U	28.8 BJ	48.7	9.8 BJ	146	10.9 BJ	--	--	--	--
Potassium		2600 BJ	2020 BJ	6560	1390 J	5000 U	1670 BU	1670 BJ	2090 BEJ	1970 BEJ	2420 BEU	2470 J	1950	--	--	--	--
Selenium		8 UWJ	2.4 UWNJ	2.4 UWJ	2.3 J	1.3 U	1.6 U	3.6 UWJ	2.8 UW	2.2 UW	2.2 U	2.2 U	1.4 U	--	--	--	--
Silver		1.2 U	2.6 BU	3.7 UNJ	2.1 U	1.6 U	5.6 BNUJ	3 U	3 UNJ	3.1 BU	4.6 BNJ	7 BU	1.8 U	--	--	--	--
Sodium		11700	11600	11400	11500	12600 U	15200 U	14700	15300	12600 *EJ	17800	18500	14100	--	--	--	--
Thallium		1.1 UJ	1.1 U	6.6 BU	3.7 U	2.3 U	4.4 BU	2 U	2 U	2.7 UNJ	2.7 U	2.7 U	2.7 U	--	--	--	--
Vanadium		5.2 BJ	1.8 BJ	27.8	1.3 J	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 BJ	1.5 U	--	--	--	--
Zinc		166 *J	188 EJ	175	87 U	78.3 U	3.6 U	6.1 U	11.7 BJ	21.8	67.2 EU	9.9 BU	4.5 BU	--	--	--	--

ug/L - micrograms/liter mg/L - milligrams/liter
-- Sample not analyzed for this compound.
U - The compound was not detected at the indicated concentration.
B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
E - The reported value is estimated due to the presence of interference.
N - The spiked sample recovery was not within control limits.
W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.
* - Duplicate analysis was not within control limits.
J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).
R - After validation, the result is qualified as rejected.

	AGM-1S															
	05/12/03	11/04/03	05/18/04	11/15/04	05/17/05	10/25/05	10/25/06	01/23/07	04/24/07	07/24/07	10/23/07	01/22/08	01/24/08	04/22/08	07/22/08	10/15/08
	GW-AGM1S	GWAGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S
Metals (µg/L)																
Aluminum	--	--	--	--	--	58 BJ	--	391	302	257	310	1710	--	513	236	186 B
Antimony	30.8 BU	5 U	5.8 U	4.3 BU	2.5 UJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.27 B	--	0.058 B	0.095 B	5.8 U
Arsenic	--	--	--	--	--	3.1 U	--	3.2 U	3.2 U	3.2 U	2.8 U	1.62 B	--	0.697 B	0.5 B	3.2 U
Barium	--	--	--	--	--	204	--	76.6 B	173 B	84.8 B	117 B	175	--	172	186	578
Beryllium	--	--	--	--	--	0.4 U	--	0.3 U	0.3 U	0.3 U	0.3 U	0.099 B	--	0.025 U	0.025 U	0.3 U
Cadmium	--	--	--	--	--	0.8 U	--	0.4 U	0.4 U	0.4 U	0.4 U	0.135 U	--	0.135 U	0.135 U	0.4 U
Calcium	--	--	--	--	--	70800	--	94500	62900	95300	83200	70500	--	64200	73200	104000
Chromium	42.9	12.3 U	20	16.8	18.9	15.3	6.6 B	8.8 B	7.2 B	15.6	5.4 B	98.6	--	28.4	5.56	1.6 B
Cobalt	--	--	--	--	--	6.6 BJ	--	1.7 U	1.7 U	1.7 U	1.7 U	7.14	--	1.93 B	0.514 B	1.7 U
Copper	--	--	--	--	--	6.5 BJ	--	3.7 U	3.7 U	3.7 U	3.7 U	7.14	--	3.36 B	7.65	4.1 B
Hexavalent Chromium	10 BU	10 UNJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UR	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	219	--	649	360	390	435	2640	--	904	424	222
Lead	--	--	--	--	--	2 BJ	--	2.7 U	2.7 U	2.7 U	2.7 U	0.736 B	--	0.667 B	0.612 B	2.7 U
Magnesium	--	--	--	--	--	9300	--	10200	8110	10700	9770	10400	--	9570	11600	11200
Manganese	--	--	--	--	--	31.6	--	31.8	21.7	24.9	27	124	--	48.5	43.8	24.6
Mercury	--	--	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U
Nickel	--	--	--	--	--	10 BJ	--	6.1 B	4.4 B	12.3 B	2.4 U	68.2	--	18.5	4.74 B	2.4 U
Potassium	--	--	--	--	--	2160 BJ	--	1400 B	1640 B	1540 B	1800 B	2250	--	1830	1870	3180 B
Selenium	--	--	--	--	--	3.9 UNJ	--	4.2 U	4.2 U	4.2 U	4.2 U	0.247 B	--	0.216 B	0.253 B	4.2 U
Silver	--	--	--	--	--	10 BNU	--	1.4 U	1.4 U	1.4 U	1.4 U	1.18 B	--	0.038 B	0.034 U	1.4 U
Sodium	--	--	--	--	--	18900	--	21700	16800	20900	19000	21000	--	19100	21000	52800
Thallium	--	--	--	--	--	2.9 U	--	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	--	0.112 U	0.112 U	4.7 U
Vanadium	--	--	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U	2.61 B	--	1.38 B	0.77 B	4.7 U
Zinc	--	--	--	--	--	20 BU	--	5.8 U	33.1	5.8 U	5.8 U	14.5 B	--	12.2 B	24.9	12.3 B

	AGM-1S															
	01/27/09	04/21/09	04/27/09	07/22/09	10/21/09	04/20/10	10/05/10	04/19/11	10/04/11	01/18/12	04/17/12	01/22/13	01/24/14	05/01/15	04/27/17	4/23/2018
	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM 1S	AGM 1S
Metals (µg/L)																
Aluminum	325	100 J	--	460	809	--	--	--	--	--	--	--	--	--	--	--
Antimony	4.9 U	10 U	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Arsenic	4.5 U	5 U	--	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Barium	216	187 J	--	231	183 J	--	--	--	--	--	--	--	--	--	--	--
Beryllium	0.1 U	2 U	--	2 U	2 U	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.5 U	5 U	--	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Calcium	69500	76500	--	81200 B	71900	--	--	--	--	--	--	--	--	--	--	--
Chromium	6.7 B	19.5	--	29.1	29	39.3	13.1	16.4	10 U	7.3 J	22	9.9 J	18	23.6	26.3	8.4 J
Cobalt	3.5 U	50 U	--	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Copper	3.1 U	25 U	--	25 U	25 U	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	1.7 JHR	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.8 J	10 U	10 U	4.7 J	10 U	10 U	10 U
Iron	426	234	--	972	1380	--	--	--	--	--	--	--	--	--	--	--
Lead	2.2 U	5 U	--	5 U	13	--	--	--	--	--	--	--	--	--	--	--
Magnesium	9360	9770	--	10200	9900	--	--	--	--	--	--	--	--	--	--	--
Manganese	20.6	13.4 J	--	57.8	65	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.1 U	--	--	0.2 U	0.2 U	--	--	--	--	--	--	--	--	--	--	--
Nickel	5.7 B	13.8 J	--	19.1 J	21.5 J	--	--	--	--	--	--	--	--	--	--	--
Potassium	1900 B	2010 J	--	1900 J	1740 J	--	--	--	--	--	--	--	--	--	--	--
Selenium	4.8 U	5 U	--	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Silver	1.2 U	10 U	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Sodium	18300	19800	--	23200	18900	--	--	--	--	--	--	--	--	--	--	--
Thallium	4.8 U	10 U	--	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Vanadium	1.5 U	50 U	--	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Zinc	5.8 U	30 U	--	8.6 J	30 U	--	--	--	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

AGM-1S														
	04/07/99	05/04/99	08/04/99	11/09/99	02/08/00	05/02/00	08/09/00	11/09/00	02/14/01	05/15/01	08/15/01	11/13/01	02/05/02	05/22/02
	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	GW-AGM1S	GW-AGM-1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S
Metals (µg/L)														
Aluminum	4890	1630	25600	730	256	200 U	264 U	256	511	304 J	1280	667 J		
Antimony	43.6 BJ	2.3 U	6 U	3.6 U	3.4 U	4.2 BU	5.5 U	5.5 U	4.7 UNJ	4.7 U	4.7 U	4.7 U	4.7 U	5.3 U
Arsenic	1.4 BU	1.2 U	20.7	2.6 U	2.6 U	4.1 BU	1.8 U	1.8 U	3.6 BU	2.2 U	2.4 BU	2.2 U		
Barium	118 BJ	70.6 BEJ	341 EJ	81.1 U	155 J	194 BEJ	188 BJ	201	182 BJ	238 EJ	284	209		
Beryllium	0.3 BJ	0.1 U	1.4 BJ	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.41 BJ	0.51 BJ		
Cadmium	0.2 U	0.3 BU	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 UNJ	0.3 U	0.3 U	0.3 U		
Calcium	59400	64600 EJ	65700	71800	63100 U	64700 U	63000	69700	59000 *J	62300 U	76100	67200		
Chromium	33.9	32	179	88.8 U	52.4	14.4	7.4 BJ	33.2	71.6 *NJ	14.4	184 J	15.1	16.1 J	24.6
Cobalt	3.6 BJ	2.2 BJ	27.5 BJ	1.5 J	1.2 U	1.2 U	1.9 U	1.9 U	1.6 U	1.6 U	3.3 BJ	11.1 BJ		
Copper	9.5 BJ	2.4 BJ	36.2	3.5 U	4.2 J	2 U	2.6 BJ	8.5 BJ	4 BU	6.5 BU	6.1 BJ	8.2 BU		
Hexavalent	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	16	10 U	10 U	10 U
Iron	6940 J	2410 NEJ	40100	1210 U	652 U	362 U	348	497	984 NJ	517	2460 J	963		
Lead	4 U	1.1 UJ	14.9	3.2	1.5 U	2 BU	1.7	1.7 U	2 U	2 U	4.5 BJ	2 U		
Magnesium	8260	8060 EJ	12900	8300	8140	8810 U	8950	9000	8570	9420 U	10500	9210		
Manganese	436	139 EJ	2370	59.3 U	46.1	26.3 U	26.5	31.5	57.7 J	39.6 U	173	73.4 J		
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Nickel	25.4 BJ	23.6 BJ	178	61	65.3	13.2 BJ	26.7 U	28.8 BJ	48.7	9.8 BJ	146	10.9 BJ		
Potassium	2600 BJ	2020 BJ	6560	1390 J	5000 U	1670 BU	1670 BJ	2090 BEJ	1970 BEJ	2420 BEU	2470 J	1950		
Selenium	8 UWJ	2.4 UWNJ	2.4 UWJ	2.3 J	1.3 U	1.6 U	3.6 UWJ	2.8 UW	2.2 UW	2.2 U	2.2 U	1.4 U		
Silver	1.2 U	2.6 BU	3.7 UNJ	2.1 U	1.6 U	5.6 BNUJ	3 U	3 UNJ	3.1 BU	4.6 BNJ	7 BU	1.8 U		
Sodium	11700	11600	11400	11500	12600 U	15200 U	14700	15300	12600 *EJ	17800	18500	14100		
Thallium	1.1 UJ	1.1 U	6.6 BU	3.7 U	2.3 U	4.4 BU	2 U	2 U	2.7 UNJ	2.7 U	2.7 U	2.7 U		
Vanadium	5.2 BJ	1.8 BJ	27.8	1.3 J	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 BJ	1.5 U		
Zinc	166 *J	188 EJ	175	87 U	78.3 U	3.6 U	6.1 U	11.7 BJ	21.8	67.2 EU	9.9 BU	4.5 BU		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		AGM-1S													
		08/19/02	11/13/02	05/12/03	11/04/03	05/18/04	11/15/04	05/17/05	10/25/05	10/25/06	01/23/07	04/24/07	07/24/07	10/23/07	01/22/08
		GW-AGM1S	GW-AGM1S	GW-AGM1S	GWAGM1S	GW-AGM1S	GW-AGM1S	GW-AGM1S	GW-AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S
Metals (µg/L)															
	Aluminum								58 BJ		391	302	257	310	1710
	Antimony	14.2 BU	5.3 UJ	30.8 BU	5 U	5.8 U	4.3 BU	2.5 UJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.27 B
	Arsenic								3.1 U		3.2 U	3.2 U	3.2 U	2.8 U	1.62 B
	Barium								204		76.6 B	173 B	84.8 B	117 B	175
	Beryllium								0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.099 B
	Cadmium								0.8 U		0.4 U	0.4 U	0.4 U	0.4 U	0.135 U
	Calcium								70800		94500	62900	95300	83200	70500
	Chromium	29	13.3	42.9	12.3 U	20	16.8	18.9	15.3	6.6 B	8.8 B	7.2 B	15.6	5.4 B	98.6
	Cobalt								6.6 BJ		1.7 U	1.7 U	1.7 U	1.7 U	7.14
	Copper								6.5 BJ		3.7 U	3.7 U	3.7 U	3.7 U	7.14
	Hexavalent Chromium	10 U	10 U	10 BU	10 UNJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UR
	Iron								219		649	360	390	435	2640
	Lead								2 BJ		2.7 U	2.7 U	2.7 U	2.7 U	0.736 B
	Magnesium								9300		10200	8110	10700	9770	10400
	Manganese								31.6		31.8	21.7	24.9	27	124
	Mercury								0.16 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Nickel								10 BJ		6.1 B	4.4 B	12.3 B	2.4 U	68.2
	Potassium								2160 BJ		1400 B	1640 B	1540 B	1800 B	2250
	Selenium								3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U	0.247 B
	Silver								10 BNU		1.4 U	1.4 U	1.4 U	1.4 U	1.18 B
	Sodium								18900		21700	16800	20900	19000	21000
	Thallium								2.9 U		4.7 U	4.7 U	4.7 U	1.9 U	0.112 U
	Vanadium								2 U		4.7 U	4.7 U	4.7 U	3 U	2.61 B
	Zinc								20 BU		5.8 U	33.1	5.8 U	5.8 U	14.5 B

AGM-1S													
01/24/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	04/27/09	07/22/09	10/21/09	04/20/10	10/05/10	04/19/11	10/04/11	01/18/12
AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM-1S

Metals (µg/L)														
Aluminum	513	236	186 B	325	100 J		460	809						
Antimony	0.058 B	0.095 B	5.8 U	4.9 U	10 U		10 U	10 U						
Arsenic	0.697 B	0.5 B	3.2 U	4.5 U	5 U		5 U	5 U						
Barium	172	186	578	216	187 J		231	183 J						
Beryllium	0.025 U	0.025 U	0.3 U	0.1 U	2 U		2 U	2 U						
Cadmium	0.135 U	0.135 U	0.4 U	0.5 U	5 U		5 U	5 U						
Calcium	64200	73200	104000	69500	76500		81200 B	71900						
Chromium	28.4	5.56	1.6 B	6.7 B	19.5		29.1	29	39.3	13.1	16.4	10 U	7.3 J	
Cobalt	1.93 B	0.514 B	1.7 U	3.5 U	50 U		50 U	50 U						
Copper	3.36 B	7.65	4.1 B	3.1 U	25 U		25 U	25 U						
Hexavalent	10 U	10 U	10 U	10 U	1.7 JHR	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.8 J	
Iron	904	424	222	426	234		972	1380						
Lead	0.667 B	0.612 B	2.7 U	2.2 U	5 U		5 U	13						
Magnesium	9570	11600	11200	9360	9770		10200	9900						
Manganese	48.5	43.8	24.6	20.6	13.4 J		57.8	65						
Mercury	0.1 U	0.1 U	0.1 U	0.1 U			0.2 U	0.2 U						
Nickel	18.5	4.74 B	2.4 U	5.7 B	13.8 J		19.1 J	21.5 J						
Potassium	1830	1870	3180 B	1900 B	2010 J		1900 J	1740 J						
Selenium	0.216 B	0.253 B	4.2 U	4.8 U	5 U		5 U	5 U						
Silver	0.038 B	0.034 U	1.4 U	1.2 U	10 U		10 U	10 U						
Sodium	19100	21000	52800	18300	19800		23200	18900						
Thallium	0.112 U	0.112 U	4.7 U	4.8 U	10 U		10 U	10 U						
Vanadium	1.38 B	0.77 B	4.7 U	1.5 U	50 U		50 U	50 U						
Zinc	12.2 B	24.9	12.3 B	5.8 U	30 U		8.6 J	30 U						

AGM-1S						
04/17/12	01/22/13	01/24/14	05/01/15	04/27/17	04/23/18	
AGM-1S	AGM-1S	AGM-1S	AGM-1S	AGM 1S	AGM-1S	

Metals (µg/L)						
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium	22	9.9 J	18	23.6	26.3	8.4 J
Cobalt						
Copper						
Hexavalent Chromium	10 U	10 U	4.7 J	10 U	10 U	10 U
Iron						
Lead						
Magnesium						
Manganese						
Mercury						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Thallium						
Vanadium						
Zinc						

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Sample Results

	AGM-2I												
	04/05/99	05/04/99	08/04/99	11/09/99	05/02/00	08/09/00	11/09/00	02/13/01	05/15/01	08/14/01	11/13/01	02/05/02	05/21/02
	AGM-2I	AGM-2I	AGM-2I	AGM-2I	GW-AGM2I	GW-AGM-2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I
Metals (µg/L)													
Aluminum	158 BU	29.7 BJ	49.7 BJ	10.8 U	9.8 UJ	19.5 U	19.5 U	10.4 U	10.4 UJ	10.4 U	10.4 U	--	--
Antimony	2.3 UJ	2.3 U	6 U	3.6 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 UJ	4.7 U	7.4 U
Arsenic	1.2 U	1.2 U	3.1 U	2.6 U	2.6 U	1.8 U	1.8 U	2.2 U	2.2 U	2.9 BU	2.2 U	--	--
Barium	557	591	882 EJ	936 U	836	806	948	894	990 EJ	1120 J	1080	--	--
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--
Cadmium	0.2 U	0.3 BU	0.3 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U	--	--
Calcium	22500	21600	29700	32500	24900 U	27000	27800	26000	26300 U	32400	32100	--	--
Chromium	2.1 BJ	2.2 BJ	8.4 BJ	0.9 U	3 BU	1.1 BJ	2.7 BJ	4.6 BJ	3.6 BJ	1.7 BJ	3.4 BJ	4.4 BU	3.8 BJ
Cobalt	0.6 U	2.7 BJ	1.3 U	1.1 U	1.2 U	5.3 BJ	1.9 U	1.6 U	1.6 U	1.6 U	8.1 BJ	--	--
Copper	1.9 BJ	2 BU	1.1 U	1.2 U	2 U	2.1 U	2.1 U	1.6 U	2.9 BU	1.6 U	1.7 BU	--	--
Hexavalent Chromium	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U
Iron	2190	1150	1420	1830	1980	1570	1410	1240	1260	1410	2010	--	--
Lead	1.9 BJ	1.3 BJ	2.9	2.5 U	1.5 U	1.9 BU	1.7 U	2 U	2 U	2 U	2.2 BJ	--	--
Magnesium	3280 BJ	3230 BJ	4130 BJ	4340 J	3760 BU	3730 BJ	4020 BJ	3810 BJ	4060 BU	4550 BJ	4430	--	--
Manganese	101	69.6	114	160 U	96 U	99.5	77.9	73.5	95.2 U	141	137 J	--	--
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--
Nickel	1.9 BJ	1.9 BU	7.4 BJ	1.4 U	2.3 BU	26.7 U	2.7 BJ	4 BJ	3.8 BU	1.7 U	3.1 BJ	--	--
Potassium	4200 BJ	4990 BEJ	3930 BJ	3930 J	3800 BU	3500 BJ	4820 BEJ	4850 BEJ	5060 EU	4160 BJ	4400 J	--	--
Selenium	1.6 UWNJ	2.4 UWJ	2.4 U	1.9 UJ	25 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	2.5 UJ	--	--
Silver	1.2 UN	1.2 U	3.7 UNJ	2.1 U	4.8 BU	3 U	3 UNJ	1.8 U	2.7 BNJ	2.3 UJ	1.8 UJ	--	--
Sodium	27100	26700	24600	24200	26400 U	22600	24400	24600	24000	24900	23600	--	--
Thallium	1.1 UJ	1.1 U	4.4 BU	3.7 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U	--	--
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	--	--
Zinc	77.5 J	33	57.4	18.2 U	9.9 BU	6.1 U	6.1 U	0.8 U	43.7 EU	5.1 BU	0.8 U	--	--

Notes:

ug/L - micrograms/liter mg/L - milligrams/liter

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

	AGM-2I												
	08/20/02	11/13/02	05/13/03	11/04/03	05/18/04	11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/24/07	07/24/07	10/23/07
	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I
Metals (µg/L)													
Aluminum	--	--	--	--	--	--	--	10.4 U	--	62.6 U	82.9 B	62.6 U	62.6 U
Antimony	5.3 U	5.3 UJ	17.1 BU	5 U	5.8 U	2.5 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U
Arsenic	--	--	--	--	--	--	--	3.1 U	--	3.2 U	3.2 U	4.2 B	2.8 U
Barium	--	--	--	--	--	--	--	1130	--	989	1030	1120	1020
Beryllium	--	--	--	--	--	--	--	0.4 U	--	0.3 U	0.3 U	0.3 U	0.3 U
Cadmium	--	--	--	--	--	--	--	0.8 U	--	0.4 U	0.4 U	0.4 U	0.4 U
Calcium	--	--	--	--	--	--	--	34700	--	32100	32700	38300	34800
Chromium	0.83 U	1.2 U	5.5 BU	1.1 BU	6.2 BJ	4.2 BJ	3.8 BJ	4.2 BJ	3 U	1.9 B	5.5 B	3.2 B	4.1 B
Cobalt	--	--	--	--	--	--	--	1.9 U	--	1.7 U	1.7 U	1.7 U	1.7 U
Copper	--	--	--	--	--	--	--	2 BJ	--	3.7 U	3.7 U	3.9 B	3.7 U
Hexavalent Chromium	10 U	10 U	10 BU	10 U	10 U	10 U	10 U*N	10 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	1510	--	1240	2740	2360	1600
Lead	--	--	--	--	--	--	--	1.9 U	--	2.7 U	2.7 U	2.7 U	2.7 U
Magnesium	--	--	--	--	--	--	--	4630 BJ	--	4000 B	4110 B	4670 B	4340 B
Manganese	--	--	--	--	--	--	--	147	--	90.1	98.8	152	116
Mercury	--	--	--	--	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	--	--	--	--	--	--	--	2.3 U	--	2.4 U	2.4 U	3.3 B	2.4 U
Potassium	--	--	--	--	--	--	--	4340 BJ	--	3800 B	3720 B	3760 B	3610 B
Selenium	--	--	--	--	--	--	--	3.9 UNJ	--	4.2 U	4.2 U	4.2 U	4.2 U
Silver	--	--	--	--	--	--	--	10 BNU	--	1.4 U	1.4 U	1.4 U	1.4 U
Sodium	--	--	--	--	--	--	--	22600	--	23800	25800	25200	23700
Thallium	--	--	--	--	--	--	--	2.9 U	--	4.7 U	4.7 U	4.7 U	1.9 U
Vanadium	--	--	--	--	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U
Zinc	--	--	--	--	--	--	--	20 BU	--	35	10.7 B	5.8 U	5.8 U

	AGM-2I												
	01/23/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/21/09	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11
	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I
Metals (µg/L)													
Aluminum	11 B	20.3 B	10.9 B	62.6 U	77.4 U	77.4 U	200 U	200 U	--	--	--	--	--
Antimony	0.196 B	0.061 B	0.056 B	5.8 U	4.9 U	4.9 U	10 U	10 U	--	--	--	--	--
Arsenic	1.05 B	0.788 B	1.03 B	3.2 U	4.5 U	4.5 U	5 U	5 U	--	--	--	--	--
Barium	1090	988	1060	798	1160	1120	1040	1110	--	--	--	--	--
Beryllium	0.025 U	0.025 U	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U	--	--	--	--	--
Cadmium	0.135 U	0.135 U	0.135 U	0.4 U	0.5 U	0.5 U	5 U	5 U	--	--	--	--	--
Calcium	36400	32300	34000	27400	37900	35500	32300	36100	--	--	--	--	--
Chromium	2.71 B	4.56 B	0.963 B	1.6 U	2.8 U	10.3	10 U	10 U	3.5 J	10 U	15.1	10 U	4.4 J
Cobalt	0.85 B	0.29 B	1.01 B	1.7 U	3.5 U	3.5 U	50 U	50 U	--	--	--	--	--
Copper	0.614 B	0.958 B	0.866 B	3.7 U	3.1 U	3.1 U	25 U	25 U	--	--	--	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.9 J	2.6 J	10 U	10 U	1.7 J	10 U
Iron	1490	1860	1400	1940	1200	5020	1130	1340	--	--	--	--	--
Lead	0.056 B	0.067 B	0.08 B	2.7 U	2.2 U	2.2 U	5 U	5 U	--	--	--	--	--
Magnesium	4870	4460	5120	3610 B	4620 B	4500 B	3970 J	4420 J	--	--	--	--	--
Manganese	116	103	95.9	95.9	144	157	101	108	--	--	--	--	--
Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	--	--	--	--	--
Nickel	1.95 B	2.88 B	0.904 U	2.4 U	3.9 U	7.9 B	40 U	40 U	--	--	--	--	--
Potassium	4040	3690	3950	3810 B	3780 B	3930 B	3080 J	3790 J	--	--	--	--	--
Selenium	0.1 U	0.1 U	0.1 U	4.2 U	4.8 U	4.8 U	5 U	5 U	--	--	--	--	--
Silver	0.168 B	0.034 U	0.034 U	1.4 U	1.2 U	1.2 U	10 U	10 U	--	--	--	--	--
Sodium	28100	26800	26600	25200	26700	27100	23900	24600	--	--	--	--	--
Thallium	0.112 U	0.112 U	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U	--	--	--	--	--
Vanadium	0.362 B	0.534 B	0.39 B	4.7 U	1.5 U	1.5 U	50 U	50 U	--	--	--	--	--
Zinc	4.81 B	6.5 B	5.14 B	6.1 B	5.8 U	5.8 U	30 U	30 U	--	--	--	--	--

AGM-2I																			
	01/16/12	04/17/12	10/02/12	01/21/13	04/22/13	10/16/13	01/22/14	04/22/14	10/7/2014	04/29/15	10/12/15	01/20/16	04/06/16	10/13/16	04/25/17	10/09/17	1/12/2018	4/12/2018	#####
	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2i	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2i	AGM-2i	AGM-2i	AGM-2i
Metals (µg/L)																			
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	10 U	10 U	10 U	5.1 J	5.9 J	5.4 J	23.6	10 U	28.9	60.4	10 U	10 U	10 U	19.5	12.5	23	6.9 J	7 J	10 U
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.7 J	20 U	10 U	10 U	10 U	10 U	10 U	10 U	201	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	AGM-2I							
	4/18/2019	10/22/2019	4/21/2020	10/14/2020	4/14/2021	10/14/2021	4/14/2022	10/17/2022
	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I
Metals (µg/L)								
Aluminum	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--
Chromium	10 U	2.8 J	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Hexavalent Chromium	4.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	AGM-2I													
	04/05/99	05/04/99	08/04/99	11/09/99	05/02/00	08/09/00	11/09/00	02/13/01	05/15/01	08/14/01	11/13/01	02/05/02	05/21/02	08/20/02
	AGM-2I	AGM-2I	AGM-2I	AGM-2I	GW-AGM2I	GW-AGM-2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I
Metals (µg/L)														
Aluminum	158 BU	29.7 BJ	49.7 BJ	10.8 U	9.8 UJ	19.5 U	19.5 U	10.4 U	10.4 UJ	10.4 U	10.4 U			
Antimony	2.3 UJ	2.3 U	6 U	3.6 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 UJ	4.7 U	7.4 U	5.3 U
Arsenic	1.2 U	1.2 U	3.1 U	2.6 U	2.6 U	1.8 U	1.8 U	2.2 U	2.2 U	2.9 BU	2.2 U			
Barium	557	591	882 EJ	936 U	836	806	948	894	990 EJ	1120 J	1080			
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			
Cadmium	0.2 U	0.3 BU	0.3 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U			
Calcium	22500	21600	29700	32500	24900 U	27000	27800	26000	26300 U	32400	32100			
Chromium	2.1 BJ	2.2 BJ	8.4 BJ	0.9 U	3 BU	1.1 BJ	2.7 BJ	4.6 BJ	3.6 BJ	1.7 BJ	3.4 BJ	4.4 BU	3.8 BJ	0.83 U
Cobalt	0.6 U	2.7 BJ	1.3 U	1.1 U	1.2 U	5.3 BJ	1.9 U	1.6 U	1.6 U	1.6 U	8.1 BJ			
Copper	1.9 BJ	2 BU	1.1 U	1.2 U	2 U	2.1 U	2.1 U	1.6 U	2.9 BU	1.6 U	1.7 BU			
Hexavalent	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U
Iron	2190	1150	1420	1830	1980	1570	1410	1240	1260	1410	2010			
Lead	1.9 BJ	1.3 BJ	2.9	2.5 U	1.5 U	1.9 BU	1.7 U	2 U	2 U	2 U	2.2 BJ			
Magnesium	3280 BJ	3230 BJ	4130 BJ	4340 J	3760 BU	3730 BJ	4020 BJ	3810 BJ	4060 BU	4550 BJ	4430			
Manganese	101	69.6	114	160 U	96 U	99.5	77.9	73.5	95.2 U	141	137 J			
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U			
Nickel	1.9 BJ	1.9 BU	7.4 BJ	1.4 U	2.3 BU	26.7 U	2.7 BJ	4 BJ	3.8 BU	1.7 U	3.1 BJ			
Potassium	4200 BJ	4990 BEJ	3930 BJ	3930 J	3800 BU	3500 BJ	4820 BEJ	4850 BEJ	5060 EU	4160 BJ	4400 J			
Selenium	1.6 UWNJ	2.4 UWNJ	2.4 U	1.9 UJ	25 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	2.5 UJ			
Silver	1.2 UN	1.2 U	3.7 UNJ	2.1 U	4.8 BU	3 U	3 UNJ	1.8 U	2.7 BNJ	2.3 UJ	1.8 UJ			
Sodium	27100	26700	24600	24200	26400 U	22600	24400	24600	24000	24900	23600			
Thallium	1.1 UJ	1.1 U	4.4 BU	3.7 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U			
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U			
Zinc	77.5 J	33	57.4	18.2 U	9.9 BU	6.1 U	6.1 U	0.8 U	43.7 EU	5.1 BU	0.8 U			

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

	AGM-2I														
	11/13/02	05/13/03	11/04/03	05/18/04	11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/24/07	07/24/07	10/23/07	01/23/08	04/22/08	
	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM2I	GW-AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	
Metals (µg/L)															
Aluminum							10.4 U		62.6 U	82.9 B	62.6 U	62.6 U	11 B	20.3 B	
Antimony	5.3 UJ	17.1 BU	5 U	5.8 U	2.5 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.196 B	0.061 B	
Arsenic							3.1 U		3.2 U	3.2 U	4.2 B	2.8 U	1.05 B	0.788 B	
Barium							1130		989	1030	1120	1020	1090	988	
Beryllium							0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.025 U	0.025 U	
Cadmium							0.8 U		0.4 U	0.4 U	0.4 U	0.4 U	0.135 U	0.135 U	
Calcium							34700		32100	32700	38300	34800	36400	32300	
Chromium	1.2 U	5.5 BU	1.1 BU	6.2 BJ	4.2 BJ	3.8 BJ	4.2 BJ	3 U	1.9 B	5.5 B	3.2 B	4.1 B	2.71 B	4.56 B	
Cobalt							1.9 U		1.7 U	1.7 U	1.7 U	1.7 U	0.85 B	0.29 B	
Copper							2 BJ		3.7 U	3.7 U	3.9 B	3.7 U	0.614 B	0.958 B	
Hexavalent	10 U	10 BU	10 U	10 U	10 U	10 U*N	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Iron							1510		1240	2740	2360	1600	1490	1860	
Lead							1.9 U		2.7 U	2.7 U	2.7 U	2.7 U	0.056 B	0.067 B	
Magnesium							4630 BJ		4000 B	4110 B	4670 B	4340 B	4870	4460	
Manganese							147		90.1	98.8	152	116	116	103	
Mercury							0.16 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	
Nickel							2.3 U		2.4 U	2.4 U	3.3 B	2.4 U	1.95 B	2.88 B	
Potassium							4340 BJ		3800 B	3720 B	3760 B	3610 B	4040	3690	
Selenium							3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U	0.1 U	0.1 U	
Silver							10 BNU		1.4 U	1.4 U	1.4 U	1.4 U	0.168 B	0.034 U	
Sodium							22600		23800	25800	25200	23700	28100	26800	
Thallium							2.9 U		4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	0.112 U	
Vanadium							2 U		4.7 U	4.7 U	4.7 U	3 U	0.362 B	0.534 B	
Zinc							20 BU		35	10.7 B	5.8 U	5.8 U	4.81 B	6.5 B	

	AGM-2I														
	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/21/09	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11	01/16/12	04/17/12	10/02/12	
	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	
Metals (µg/L)															
Aluminum	10.9 B	62.6 U	77.4 U	77.4 U	200 U	200 U									
Antimony	0.056 B	5.8 U	4.9 U	4.9 U	10 U	10 U									
Arsenic	1.03 B	3.2 U	4.5 U	4.5 U	5 U	5 U									
Barium	1060	798	1160	1120	1040	1110									
Beryllium	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U									
Cadmium	0.135 U	0.4 U	0.5 U	0.5 U	5 U	5 U									
Calcium	34000	27400	37900	35500	32300	36100									
Chromium	0.963 B	1.6 U	2.8 U	10.3	10 U	10 U	3.5 J	10 U	15.1	10 U	4.4 J	10 U	10 U	10 U	
Cobalt	1.01 B	1.7 U	3.5 U	3.5 U	50 U	50 U									
Copper	0.866 B	3.7 U	3.1 U	3.1 U	25 U	25 U									
Hexavalent	10 U	10 U	10 U	10 U	10 U	5.9 J	2.6 J	10 U	10 U	1.7 J	10 U	10 U	10 U	10 U	
Iron	1400	1940	1200	5020	1130	1340									
Lead	0.08 B	2.7 U	2.2 U	2.2 U	5 U	5 U									
Magnesium	5120	3610 B	4620 B	4500 B	3970 J	4420 J									
Manganese	95.9	95.9	144	157	101	108									
Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U									
Nickel	0.904 U	2.4 U	3.9 U	7.9 B	40 U	40 U									
Potassium	3950	3810 B	3780 B	3930 B	3080 J	3790 J									
Selenium	0.1 U	4.2 U	4.8 U	4.8 U	5 U	5 U									
Silver	0.034 U	1.4 U	1.2 U	1.2 U	10 U	10 U									
Sodium	26600	25200	26700	27100	23900	24600									
Thallium	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U									
Vanadium	0.39 B	4.7 U	1.5 U	1.5 U	50 U	50 U									
Zinc	5.14 B	6.1 B	5.8 U	5.8 U	30 U	30 U									

		AGM-2I													
		01/21/13	04/22/13	10/16/13	01/22/14	04/22/14	10/07/14	04/29/15	10/12/15	01/20/16	04/06/16	10/13/16	04/25/17	10/09/17	01/12/18
		AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I	AGM-2I
Metals (µg/L)															
Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Hexavalent Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc															
	5.1 J	5.9 J	5.4 J	23.6	10 U	28.9	60.4	10 U	10 U	10 U	19.5	12.5	23		6.9 J
	10 U	10 U	10 U	10 U	3.7 J	20 U	10 U	10 U	10 U	10 U	10 U	10 U	201		10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Sample Results

	AGM-2S													
	04/05/99	05/04/99	08/04/99	11/09/99	08/09/00	11/09/00	02/13/01	05/15/01	08/14/01	11/13/01	02/05/02	05/21/02	08/20/02	11/13/02
	AGM-2S	AGM-2S	AGM-2S	AGM-2S	GW-AGM-2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S
Metals (µg/L)														
Aluminum	800	602	347	32.4 U	35.2 BJ	62.2 BJ	205	472 J	232	457 J	--	--	--	--
Antimony	2.3 UJ	2.3 U	6 U	3.6 U	5.5 U	5.5 U	4.7 BJ	4.7 U	4.7 U	4.7 UJ	4.7 U	7.4 U	5.3 U	5.3 UJ
Arsenic	6.1 BJ	1.4 BU	4.9 BJ	2.6 U	1.8 U	1.8 U	2.3 BU	2.2 U	2.2 U	2.2 U	--	--	--	--
Barium	45.4 BJ	96.7 BJ	82.8 BEJ	288 U	201	250	32.6 BU	58.7 BEU	282 J	301	--	--	--	--
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.69 BU	0.2 U	0.2 U	0.2 U	--	--	--	--
Cadmium	0.2 U	0.2 U	0.3 U	0.4 U	3.1 U	3.1 U	0.57 BU	0.3 U	0.3 U	0.3 U	--	--	--	--
Calcium	14500	27200	29900	62800	52100	52100	12000	23900 U	54500	55800	--	--	--	--
Chromium	72.5	75.8	38.1	4 U	6.6 BJ	3.3 BJ	85	99	17.5	6.5 BJ	7.1 BU	56.2	64	2.1 BJ
Cobalt	1.5 BJ	1.2 BJ	1.6 BJ	1.1 U	1.9 U	1.9 U	3.4 BJ	9.3 BJ	4.2 BJ	14.5 BJ	--	--	--	--
Copper	1.2 BJ	1.9 BU	1.3 BJ	1.2 U	2.1 U	2.1 U	7.3 BJ	1.6 BU	1.6 U	4.4 BU	--	--	--	--
Hexavalent Chromium	50 J	60	20	10 U	10 U	10 U	80	66 J	10 UJ	10 U	10 U	54	43 J	10 U
Iron	882	887	377	74.5 U	66.6 BU	144	390	741	457	498	--	--	--	--
Lead	1.6 BJ	2.7 BJ	2.7 U	2.5 U	2.4 BU	1.7 U	2.8 BJ	2 U	2 U	2 U	--	--	--	--
Magnesium	1710 BJ	3970 BJ	3720 BJ	9180	7560	7670	1460 BJ	2120 BU	8440	8540	--	--	--	--
Manganese	93.5	129	38	152 U	52.4	84.1	77.9	113 U	203	212 J	--	--	--	--
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--
Nickel	18.9 BJ	15.1 BJ	8.1 BJ	3.4 U	26.7 U	3.3 BJ	11.8 BJ	20.4 BJ	8.5 BU	5.1 BJ	--	--	--	--
Potassium	1390 BJ	1620 BEJ	1450 BJ	1900 J	1910 BJ	2260 BEJ	926 BEJ	1140 BEU	2040 BJ	2350 J	--	--	--	--
Selenium	1.6 UWNJ	2.4 UWJ	2.4 U	1.9 UJ	3.6 UWNJ	2.8 U	2.2 U	2.2 U	2.2 U	2.5 UJ	--	--	--	--
Silver	1.2 UN	1.2 U	3.7 UNJ	2.1 U	3 U	3 UNJ	2.8 BU	4.8 BNJ	2.3 UJ	1.8 UJ	--	--	--	--
Sodium	3350 BJ	7140	6790	13500	11900	13000	3340 BU	4140 BJ	12800	14300	--	--	--	--
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U	--	--	--	--
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	--	--	--	--
Zinc	53.9 J	81.2	53.8	22.8 U	6.1 U	6.1 U	6.6 BU	69.5 EU	4.7 BU	20.5	--	--	--	--

Notes:

ug/L - micrograms/liter mg/L - milligrams/liter

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

	AGM-2S														
	05/13/03	11/04/03	05/18/04	11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/24/07	07/24/07	10/23/07	01/23/08	04/22/08	07/22/08	10/15/08
	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM2S	GW-AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S
Metals (µg/L)															
Aluminum	--	--	--	--	--	10.4 U	--	174 B	218	62.6 U	62.6 U	199	81.9	52.9	62.6 U
Antimony	29.6 BU	5 U	5.8 U	2.5 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.224 B	0.07 B	0.094 B	5.8 U
Arsenic	--	--	--	--	--	3.1 U	--	3.2 U	3.2 U	3.2 U	2.8 U	0.55 B	0.399 B	0.495 B	3.2 U
Barium	--	--	--	--	--	372	--	82.4 B	32.2 B	348	371	77.3	206	364	424
Beryllium	--	--	--	--	--	0.4 U	--	0.3 U	0.3 U	0.31 B	0.3 U	0.025 U	0.025 U	0.025 U	0.3 U
Cadmium	--	--	--	--	--	0.8 U	--	0.4 U	0.4 U	0.4 U	0.4 U	0.135 U	0.135 U	0.135 U	0.4 U
Calcium	--	--	--	--	--	67300	--	18900	12300	70100	73300	35100	57400	70400	79100
Chromium	7 BU	79.4	117	15.4	11.4	4 BJ	3.1 B	77.5	46.8	3.8 B	3.6 B	108	17.9	3.06 B	1.7 B
Cobalt	--	--	--	--	--	2.1 BJ	--	3.2 B	1.7 U	1.7 U	1.8 B	11.4	0.612 B	1.03 B	1.7 U
Copper	--	--	--	--	--	1.2 U	--	3.7 U	3.7 U	3.7 U	3.7 U	5.66	0.746 B	2.99 B	3.7 U
Hexavalent Chromium	10 BU	74	43	10 U	10 U*N	10 U	10 U	72.2	19.8	10 U	10 U	37	12.6	10 U	10 U
Iron	--	--	--	--	--	100 BU	--	572	458	191	169	481	228	133 B	112 B
Lead	--	--	--	--	--	1.9 U	--	2.7 U	2.7 U	2.7 U	2.7 U	0.224 B	0.148 B	0.238 B	2.7 U
Magnesium	--	--	--	--	--	9930	--	1900 B	1260 B	9750	10200	4300	8200	11400	10900
Manganese	--	--	--	--	--	58.8	--	37.4	49.3	24.5	41.2	35.7	22.5	13.9	10.4 B
Mercury	--	--	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	--	--	--	--	--	2.3 U	--	4.8 B	8.8 B	2.6 B	2.4 U	32.7	3.43 B	1.83 B	2.4 U
Potassium	--	--	--	--	--	2790 BJ	--	831 B	572 B	2270 B	2610 B	1080	1720	2550	2970 B
Selenium	--	--	--	--	--	3.9 UNJ	--	4.2 U	4.2 U	4.2 U	4.2 U	0.1 U	0.204 B	0.1 U	4.2 U
Silver	--	--	--	--	--	10 BNU	--	1.4 U	1.4 U	1.4 U	1.4 U	6.96	0.034 U	0.034 U	1.4 U
Sodium	--	--	--	--	--	19100	--	4420 B	2850 B	22100	24000	6480	16400	27600	30200
Thallium	--	--	--	--	--	2.9 U	--	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	0.112 U	0.112 U	4.7 U
Vanadium	--	--	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U	0.722 B	0.803 B	0.528 B	4.7 U
Zinc	--	--	--	--	--	2.5 U	--	14 B	5.8 U	5.8 U	5.8 U	13.2 B	4.56 B	10.2 B	7.7 B

	AGM-2S														
	01/27/09	04/21/09	07/21/09	10/21/09	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11	01/16/12	04/17/12	10/02/12	01/21/13	04/22/13	10/16/13
	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S
Metals (µg/L)															
Aluminum	237	373	101 J	94.8 J	--	--	--	--	--	--	--	--	--	--	--
Antimony	4.9 U	4.9 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Arsenic	4.5 U	7.7	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Barium	425	556	355	416	--	--	--	--	--	--	--	--	--	--	--
Beryllium	0.1 U	0.1 U	2 U	2 U	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.5 U	0.5 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Calcium	82200	84400	71300	82300	--	--	--	--	--	--	--	--	--	--	--
Chromium	11.4	40.2	10 U	4.5 J	65.6	6.5 J	25.5	50.8	54.7	74.9	17.4	9.2 J	14.9	15.6	4.7 J
Cobalt	3.5 U	5.5 B	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Copper	3.1 U	3.1 U	25 U	25 U	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	44.8	10 U	10 U	45	35	62.2	7.2 J	10 U	10 U	10 U	10 U
Iron	708	1610	186	488	--	--	--	--	--	--	--	--	--	--	--
Lead	2.2 U	2.2 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Magnesium	11600	11800	10000	11100	--	--	--	--	--	--	--	--	--	--	--
Manganese	67.6	366	16.3	33.7	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.1 U	0.1 U	0.2 U	0.2 U	--	--	--	--	--	--	--	--	--	--	--
Nickel	9.3 B	22.8 B	40 U	40 U	--	--	--	--	--	--	--	--	--	--	--
Potassium	2780 B	3210 B	2060 J	2800 J	--	--	--	--	--	--	--	--	--	--	--
Selenium	4.8 U	4.8 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Silver	1.2 U	1.2 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Sodium	30000	39200	23900	32700	--	--	--	--	--	--	--	--	--	--	--
Thallium	4.8 U	4.8 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Vanadium	1.5 U	1.5 U	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Zinc	5.8 U	5.8 U	30 U	30 U	--	--	--	--	--	--	--	--	--	--	--

	AGM-2S														
	01/22/14	04/22/14	10/07/14	04/29/15	10/12/15	01/20/16	04/06/16	10/13/16	04/25/17	10/09/17	1/12/2018	4/12/2018	10/23/2018	4/18/2019	10/22/2019
	AGM-2S	AGM-2S	AGM-2S	AGM-2s	AGM-2S	AGM-2S	AGM-2s	AGM-2S	AGM 2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S
Metals (µg/L)															
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	38.8	6.7 J	6.3 J	5 J	13.5 BJ	10 U	19.2	6 J	33.5	7.6 J	6.8 J	6.3 J	10 U	6 J	4.9 J
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	22.7	10 U	10 U	10 U	10 U	10 U	5.8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	12.6
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	AGM-2S					
	4/21/2020	10/14/2020	4/14/2021	10/14/2021	4/14/2022	10/17/2022
	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S	AGM-2S
Metals (µg/L)						
Aluminum	--	--	--	--	--	--
Antimony	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--
Barium	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--
Calcium	--	--	--	--	--	--
Chromium	10 U	7.8 J	10 U	10 U	10 U	10 U
Cobalt	--	--	--	--	--	--
Copper	--	--	--	--	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--
Lead	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--
Manganese	--	--	--	--	--	--
Mercury	--	--	--	--	--	--
Nickel	--	--	--	--	--	--
Potassium	--	--	--	--	--	--
Selenium	--	--	--	--	--	--
Silver	--	--	--	--	--	--
Sodium	--	--	--	--	--	--
Thallium	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--
Zinc	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Sample Results

	AGM-3I													
	04/06/99	05/04/99	08/04/99	11/10/99	02/09/00	05/02/00	08/09/00	11/09/00	02/13/01	05/15/01	08/15/01	11/13/01	02/05/02	05/21/02
	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	GW-AGM3I	GW-AGM-3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I
Metals (µg/L)														
Aluminum	550	10.2 UJ	64.6 BJ	11.4 U	9.8 U	28.3 BUJ	150 BJ	60.2 BJ	10.4 U	10.4 U	85.1 BU	19.6 BU	--	--
Antimony	2.3 UJ	2.3 U	6 U	3.6 U	3.4 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 UJ	4.7 U	17.2 BJ
Arsenic	1.2 U	1.2 U	3.4 BJ	2.6 U	2.6 U	5.3 BU	2.3 BU	1.8 U	2.2 U	2.2 U	2.6 BU	2.2 U	--	--
Barium	2300	2440	646 EJ	1530 U	1910	913	1200	1940	2040	1260	848	1630	--	--
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--
Cadmium	0.4 BU	0.2 U	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U	--	--
Calcium	40700	40800	59600	47700	45700 U	54200 U	53200	43200	45400	63800 U	69700	48800	--	--
Chromium	1.9 BJ	0.6 U	8.2 BJ	0.9 U	10 U	5.9 BU	3.6 BJ	7.1 BJ	7.6 BJ	2.6 BU	6.7 BJ	4.4 BJ	11.1 J	9.8 BJ
Cobalt	0.8 BJ	0.6 U	1.3 U	1.1 U	1.2 U	1.2 U	4.5 BJ	1.9 U	1.6 U	1.6 U	1.6 U	7.6 BJ	--	--
Copper	2.4 BJ	1 BU	2.3 BJ	4.9 U	2 U	2 U	2.1 U	2.1 U	1.6 U	3.9 BU	1.6 U	1.6 U	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	3490	1850	1680	2320	2770	1570	1280	1000	1370	858	1830 J	2060	--	--
Lead	1.1 U	1.1 UJ	3	2.5 U	1.5 U	1.5 U	2.9 BU	1.7 U	2 U	2.3 BU	2 U	2 U	--	--
Magnesium	5360	5140	8380	6040	5730	7850 U	7120	5730	5620	8760 U	9780	6400	--	--
Manganese	144	104	372	240 U	190	365 U	273	165	144	378	442	240 J	--	--
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--
Nickel	2.1 BJ	0.6 U	4.6 BJ	3.2 U	40 U	5.7 BU	26.7 U	6 BJ	6.8 BJ	5.6 BJ	7.2 BJ	3.2 BJ	--	--
Potassium	7840	8880 EJ	3300 BJ	5650	6590 U	3880 BU	4840 BJ	8290 J	8810 EJ	6280 EU	4450 J	6780 J	--	--
Selenium	8 UWNJ	2.4 UWJ	2.4 U	1.9 UJ	1.3 U	25 U	3.6 UWNJ	2.8 U	2.2 U	2.2 U	2.2 U	1.9 UJ	--	--
Silver	1.2 UN	1.2 U	3.7 UNJ	2.1 U	1.6 U	2.9 BU	3 U	3 UNJ	1.8 U	1.8 U	2.6 BU	1.8 UJ	--	--
Sodium	20200	19900	14400	18600	19800 U	15100 U	16300	19500	20500	15600 U	16300	18500	--	--
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U	--	--
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	--	--
Zinc	39.5 J	45.9	51.6	23.5 U	20 U	8.2 BU	9.9 BU	6.1 U	3.5 BU	49.7 U	2.4 BU	0.87 BU	--	--

Notes:

ug/L - micrograms/liter mg/L - milligrams/liter

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

	AGM-3I												
	08/20/02	11/14/02	05/13/03	11/05/03	05/18/04	11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/25/07	07/24/07	10/24/07
	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I
Metals (µg/L)													
Aluminum	--	--	--	--	--	--	--	10.4 U	--	132 B	204	62.6 U	62.6 U
Antimony	8.1 BJ	5.3 UJ	28.1 BU	41.4 BNU	5.8 U	2.5 U	2.5 UNJ	55.7 BJ	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U
Arsenic	--	--	--	--	--	--	--	3.1 U	--	3.2 U	3.2 U	3.2 U	2.8 U
Barium	--	--	--	--	--	--	--	246	--	269	359	286	504
Beryllium	--	--	--	--	--	--	--	0.4 U	--	0.3 U	0.3 U	0.3 U	0.3 U
Cadmium	--	--	--	--	--	--	--	0.8 U	--	2 B	36.9	7.5	4.5
Calcium	--	--	--	--	--	--	--	80900	--	36200	55500	87500	72900
Chromium	1.6 BJ	1.9 BJ	12.3	12.7	4.6 BJ	6.5 BJ	4.2 BJ	2630	3 U	5.9 B	1.6 U	696	1.6 U
Cobalt	--	--	--	--	--	--	--	1.9 U	--	1.7 U	1.7 U	3.6 B	1.7 U
Copper	--	--	--	--	--	--	--	1.2 U	--	3.9 B	3.7 U	5.3 B	3.7 U
Hexavalent Chromium	10 U	10 U	10 BU	10 U	10 U	10 U	10 U*N	10 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	313	--	2460	9920	1020	7520
Lead	--	--	--	--	--	--	--	1.9 U	--	2.7 U	2.7 U	2.7 U	2.7 U
Magnesium	--	--	--	--	--	--	--	11900	--	5640	8180	12400	10200
Manganese	--	--	--	--	--	--	--	15.1	--	252	721	1100	573
Mercury	--	--	--	--	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	--	--	--	--	--	--	--	2.5 BJ	--	4.6 B	2.4 U	10.3 B	2.4 U
Potassium	--	--	--	--	--	--	--	2650 BJ	--	4220 B	3980 B	2360 B	3710 B
Selenium	--	--	--	--	--	--	--	3.9 UNJ	--	4.2 U	4.2 U	4.2 U	4.2 U
Silver	--	--	--	--	--	--	--	86.5 NJ-	--	1.4 U	1.4 U	1.4 U	1.4 U
Sodium	--	--	--	--	--	--	--	18600	--	17400	18900	18800	18200
Thallium	--	--	--	--	--	--	--	2.9 U	--	4.9 B	4.7 U	4.7 U	1.9 U
Vanadium	--	--	--	--	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U
Zinc	--	--	--	--	--	--	--	2.5 U	--	35.5	5.8 U	5.8 U	5.8 U

	AGM-3I															
	01/22/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/21/09	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11	01/16/12	04/17/12	10/01/12
	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I
Metals (µg/L)																
Aluminum	48.6 B	32.6 B	7.73 B	71.2 B	77.4 U	77.4 U	200 U	200 U	--	--	--	--	--	--	--	--
Antimony	0.214 B	0.1 B	0.086 B	5.8 U	4.9 U	4.9 U	10 U	10 U	--	--	--	--	--	--	--	--
Arsenic	1.28 B	0.813 B	1.08 B	3.2 U	4.5 U	4.5 U	5 U	5 U	--	--	--	--	--	--	--	--
Barium	489	492	696	611	546	578	517	522	--	--	--	--	--	--	--	--
Beryllium	0.025 U	0.025 U	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U	--	--	--	--	--	--	--	--
Cadmium	7.18	3.39 B	2 B	2.1 B	1.2 B	0.51 B	5 U	5 U	--	--	--	--	--	--	--	--
Calcium	67300	63100	65300	79000	72400	71800	69700	70800	--	--	--	--	--	--	--	--
Chromium	8.15	2.4 B	3.74 B	3.6 B	8 B	2.9 B	8 J	5.4 J	5.2 J	320	11.5	10 U	6.5 J	10 U	10 U	10 U
Cobalt	0.331 B	0.932 B	2.85 B	1.7 U	3.5 U	3.5 U	50 U	50 U	--	--	--	--	--	--	--	--
Copper	1.14 B	0.997 B	6.75	3.7 U	3.1 U	3.1 U	14.8 J	25 U	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	50 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	265	10 U	10 U	10 U	10 U	10 U	10 U
Iron	15200	17100	7410	22900	9560	9870	20000	6960	--	--	--	--	--	--	--	--
Lead	0.274 B	0.207 B	0.541 B	2.7 U	2.2 U	2.2 U	5 U	5.9	--	--	--	--	--	--	--	--
Magnesium	10600	9390	11000	10900	10300	10400	9630	10600	--	--	--	--	--	--	--	--
Manganese	862	762	552	739	667	674	693	625	--	--	--	--	--	--	--	--
Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	--	--	--	--	--	--	--	--
Nickel	5.92	1.91 B	2.38 B	2.4 U	5.8 B	3.9 U	9.8 J	7.3 J	--	--	--	--	--	--	--	--
Potassium	4250	4040	4960	4180 B	4050 B	4110 B	2960 J	3470 J	--	--	--	--	--	--	--	--
Selenium	0.1 U	0.1 U	0.1 U	4.2 U	4.8 U	4.8 U	5 U	5 U	--	--	--	--	--	--	--	--
Silver	0.034 U	0.034 U	0.09 B	1.4 U	1.2 U	1.2 U	10 U	10 U	--	--	--	--	--	--	--	--
Sodium	21200	20200	21100	20900	20900	21300	18700	20600	--	--	--	--	--	--	--	--
Thallium	0.112 U	0.112 U	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U	--	--	--	--	--	--	--	--
Vanadium	0.398 B	0.594 B	0.297 B	4.7 U	1.5 U	1.5 U	2.6 J	50 U	--	--	--	--	--	--	--	--
Zinc	4.74 B	4.22 B	12.8 B	5.8 U	5.8 U	5.8 U	30 U	30 U	--	--	--	--	--	--	--	--

	AGM-3I															
	04/22/13	10/14/13	10/7/2014	04/29/15	10/12/15	10/13/16	04/25/17	10/09/17	4/12/18	4/18/19	10/22/19	4/21/20	4/14/21	10/14/21	4/14/22	10/17/22
	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I
Metals (µg/L)																
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	20.1	5.1 J	10 U	10.8	10 U	33.5	14	7.6 J	39.3	10 U	4.9 J	10 U	10 U	7.8 J	10 U	10 U
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	5.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	50 U	10 UF1	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

AGM-3I														
	04/06/99	05/04/99	08/04/99	11/10/99	02/09/00	05/02/00	08/09/00	11/09/00	02/13/01	05/15/01	08/15/01	11/13/01	02/05/02	05/21/02
	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	GW-AGM3I	GW-AGM-3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I
Metals (µg/L)														
Aluminum	550	10.2 UJ	64.6 BJ	11.4 U	9.8 U	28.3 BUJ	150 BJ	60.2 BJ	10.4 U	10.4 U	85.1 BU	19.6 BU		
Antimony	2.3 UJ	2.3 U	6 U	3.6 U	3.4 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 UJ	4.7 U	17.2 BJ
Arsenic	1.2 U	1.2 U	3.4 BJ	2.6 U	2.6 U	5.3 BU	2.3 BU	1.8 U	2.2 U	2.2 U	2.6 BU	2.2 U		
Barium	2300	2440	646 EJ	1530 U	1910	913	1200	1940	2040	1260	848	1630		
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Cadmium	0.4 BU	0.2 U	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U		
Calcium	40700	40800	59600	47700	45700 U	54200 U	53200	43200	45400	63800 U	69700	48800		
Chromium	1.9 BJ	0.6 U	8.2 BJ	0.9 U	10 U	5.9 BU	3.6 BJ	7.1 BJ	7.6 BJ	2.6 BU	6.7 BJ	4.4 BJ	11.1 J	9.8 BJ
Cobalt	0.8 BJ	0.6 U	1.3 U	1.1 U	1.2 U	1.2 U	4.5 BJ	1.9 U	1.6 U	1.6 U	1.6 U	7.6 BJ		
Copper	2.4 BJ	1 BU	2.3 BJ	4.9 U	2 U	2 U	2.1 U	2.1 U	1.6 U	3.9 BU	1.6 U	1.6 U		
Hexavalent	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	3490	1850	1680	2320	2770	1570	1280	1000	1370	858	1830 J	2060		
Lead	1.1 U	1.1 UJ	3	2.5 U	1.5 U	1.5 U	2.9 BU	1.7 U	2 U	2.3 BU	2 U	2 U		
Magnesium	5360	5140	8380	6040	5730	7850 U	7120	5730	5620	8760 U	9780	6400		
Manganese	144	104	372	240 U	190	365 U	273	165	144	378	442	240 J		
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Nickel	2.1 BJ	0.6 U	4.6 BJ	3.2 U	40 U	5.7 BU	26.7 U	6 BJ	6.8 BJ	5.6 BJ	7.2 BJ	3.2 BJ		
Potassium	7840	8880 EJ	3300 BJ	5650	6590 U	3880 BU	4840 BJ	8290 J	8810 EJ	6280 EU	4450 J	6780 J		
Selenium	8 UWNJ	2.4 UWJ	2.4 U	1.9 UJ	1.3 U	25 U	3.6 UWNJ	2.8 U	2.2 U	2.2 U	2.2 U	1.9 UJ		
Silver	1.2 UN	1.2 U	3.7 UNJ	2.1 U	1.6 U	2.9 BU	3 U	3 UNJ	1.8 U	1.8 U	2.6 BU	1.8 UJ		
Sodium	20200	19900	14400	18600	19800 U	15100 U	16300	19500	20500	15600 U	16300	18500		
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U		
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U		
Zinc	39.5 J	45.9	51.6	23.5 U	20 U	8.2 BU	9.9 BU	6.1 U	3.5 BU	49.7 U	2.4 BU	0.87 BU		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		AGM-3I													
		08/20/02	11/14/02	05/13/03	11/05/03	05/18/04	11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/25/07	07/24/07	10/24/07	01/22/08
		GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM3I	GW-AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-31	AGM-3I
Metals (µg/L)															
	Aluminum								10.4 U		132 B	204	62.6 U	62.6 U	48.6 B
	Antimony	8.1 BJ	5.3 UJ	28.1 BU	41.4 BNU	5.8 U	2.5 U	2.5 UNJ	55.7 BJ	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.214 B
	Arsenic								3.1 U		3.2 U	3.2 U	3.2 U	2.8 U	1.28 B
	Barium								246		269	359	286	504	489
	Beryllium								0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.025 U
	Cadmium								0.8 U		2 B	36.9	7.5	4.5	7.18
	Calcium								80900		36200	55500	87500	72900	67300
	Chromium	1.6 BJ	1.9 BJ	12.3	12.7	4.6 BJ	6.5 BJ	4.2 BJ	2630	3 U	5.9 B	1.6 U	696	1.6 U	8.15
	Cobalt								1.9 U		1.7 U	1.7 U	3.6 B	1.7 U	0.331 B
	Copper								1.2 U		3.9 B	3.7 U	5.3 B	3.7 U	1.14 B
	Hexavalent	10 U	10 U	10 BU	10 U	10 U	10 U	10 U*N	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Iron								313		2460	9920	1020	7520	15200
	Lead								1.9 U		2.7 U	2.7 U	2.7 U	2.7 U	0.274 B
	Magnesium								11900		5640	8180	12400	10200	10600
	Manganese								15.1		252	721	1100	573	862
	Mercury								0.16 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Nickel								2.5 BJ		4.6 B	2.4 U	10.3 B	2.4 U	5.92
	Potassium								2650 BJ		4220 B	3980 B	2360 B	3710 B	4250
	Selenium								3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U	0.1 U
	Silver								86.5 NJ-		1.4 U	1.4 U	1.4 U	1.4 U	0.034 U
	Sodium								18600		17400	18900	18800	18200	21200
	Thallium								2.9 U		4.9 B	4.7 U	4.7 U	1.9 U	0.112 U
	Vanadium								2 U		4.7 U	4.7 U	4.7 U	3 U	0.398 B
	Zinc								2.5 U		35.5	5.8 U	5.8 U	5.8 U	4.74 B

		AGM-3I													
		04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/21/09	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11	01/16/12	04/17/12
		AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I
Metals (µg/L)															
Aluminum		32.6 B	7.73 B	71.2 B	77.4 U	77.4 U	200 U	200 U							
Antimony		0.1 B	0.086 B	5.8 U	4.9 U	4.9 U	10 U	10 U							
Arsenic		0.813 B	1.08 B	3.2 U	4.5 U	4.5 U	5 U	5 U							
Barium		492	696	611	546	578	517	522							
Beryllium		0.025 U	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U							
Cadmium		3.39 B	2 B	2.1 B	1.2 B	0.51 B	5 U	5 U							
Calcium		63100	65300	79000	72400	71800	69700	70800							
Chromium		2.4 B	3.74 B	3.6 B	8 B	2.9 B	8 J	5.4 J	5.2 J	320	11.5	10 U	6.5 J	10 U	10 U
Cobalt		0.932 B	2.85 B	1.7 U	3.5 U	3.5 U	50 U	50 U							
Copper		0.997 B	6.75	3.7 U	3.1 U	3.1 U	14.8 J	25 U							
Hexavalent		50 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	265	10 U	10 U	10 U	10 U	10 U
Iron		17100	7410	22900	9560	9870	20000	6960							
Lead		0.207 B	0.541 B	2.7 U	2.2 U	2.2 U	5 U	5.9							
Magnesium		9390	11000	10900	10300	10400	9630	10600							
Manganese		762	552	739	667	674	693	625							
Mercury		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U							
Nickel		1.91 B	2.38 B	2.4 U	5.8 B	3.9 U	9.8 J	7.3 J							
Potassium		4040	4960	4180 B	4050 B	4110 B	2960 J	3470 J							
Selenium		0.1 U	0.1 U	4.2 U	4.8 U	4.8 U	5 U	5 U							
Silver		0.034 U	0.09 B	1.4 U	1.2 U	1.2 U	10 U	10 U							
Sodium		20200	21100	20900	20900	21300	18700	20600							
Thallium		0.112 U	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U							
Vanadium		0.594 B	0.297 B	4.7 U	1.5 U	1.5 U	2.6 J	50 U							
Zinc		4.22 B	12.8 B	5.8 U	5.8 U	5.8 U	30 U	30 U							

[illegible]

		AGM-3I				
		10/14/21	04/14/22	10/17/22	04/20/23	10/19/23
		AGM-3I	AGM-3I	AGM-3I	AGM-3I	AGM-3I
Metals (µg/L)						
	Aluminum					
	Antimony					
	Arsenic					
	Barium					
	Beryllium					
	Cadmium					
	Calcium					
	Chromium	7.8 J	10 U	10 U	10 U	10 U
	Cobalt					
	Copper					
	Hexavalent	50 U	10 UF1	10 U	10 U	10 U
	Iron					
	Lead					
	Magnesium					
	Manganese					
	Mercury					
	Nickel					
	Potassium					
	Selenium					
	Silver					
	Sodium					
	Thallium					
	Vanadium					
	Zinc					

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Sample Results

	AGM-3S																
	04/07/99	05/04/99	08/04/99	11/10/99	02/09/00	05/02/00	08/09/00	11/09/00	02/14/01	05/16/01	08/15/01						
	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S-DUP	GW-AGM3S	GW-AGM3S-DUP	GW-AGM-3S	GW-AGM-3SDUP	GW-AGM3S	GW-AGM3S-DUP	GW-AGM3S	GW-AGM3S-DUP	GW-AGM3S	GW-AGM3S	GW-AGM3S-DUP
Metals (µg/L)																	
Aluminum	170 BJ	134 BJ	434	48.3 U	73 J	74.1 J	9.8 UJ	23.2 BUJ	19.5 U	20.1 BJ	19.5 U	19.5 U	10.4 U	10.8 BU	38.1 BU	44 BU	61.9 BU
Antimony	36.9 BU	3.7 BJ	29 BJ	8.6 U	4.8 J	4.7 J	7.5 BJ	7.4 BJ	6.6 BJ	8.4 BJ	7.2 BJ	6.5 BJ	7.8 BNJ	11 BNJ	16.2 BJ	21 BJ	18.9 BJ
Arsenic	2.4 BU	4.3 BU	3.1 U	2.6 U	2.6 U	2.6 U	4.8 BU	3.4 BU	3.1 BU	4.7 BU	1.8 U	1.8 U	2.2 U	4.1 BU	3.9 BR	2.8 BU	6.3 BU
Barium	134 BJ	128 BJ	116 BEJ	184 U	190 J	186 J	193 BU	183 BU	182 BJ	177 BJ	204	202	210	211	228	227	223
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Cadmium	0.2 U	0.2 U	0.3 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	3.1 U	3.1 U	0.3 UNJ	0.3 UNJ	0.3 U	0.3 U	0.3 U
Calcium	60800	60600	46800	70400	69900 U	67900 U	62400 U	58600 U	62800	62300	62600	63200	67000 *J	67000 *J	73800 U	74500	71200
Chromium	418	426	3350	510 U	496	486	530	499	526	508	577	571	761 *NJ	762 *NJ	1030	1100 J	1100 J
Cobalt	1.1 BJ	0.8 BJ	2.2 BJ	1.1 U	50 U	50 U	1.2 U	1.6 BJ	1.9 U	1.9 U	1.9 U	1.9 U	1.6 U	1.6 U	2.1 BJ	5.3 BJ	6 BJ
Copper	3.3 BU	0.5 U	2.3 BJ	4.1 U	2.3 J	2.7 J	2 U	2 U	2.1 U	2.1 U	2.4 BJ	2.1 U	1.6 U	1.9 BU	3.7 BU	1.6 U	1.6 U
Hexavalent Chromium	400	460	3000	540 J	260	460	440	440	560	560	600	600	800	800	760	960	980
Iron	176 J	306	598	73.9 U	100 U	107 U	87.6 BU	119 U	78.7 BU	75.7 BU	70 BJ	113	175 NJ	117 NJ	830	376 J	388 J
Lead	2.2 BU	1.1 UJ	2.7 U	2.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2.4 BU	3.3	1.7 U	1.7 U	2 U	2.3 BJ	2.9 BU	2 U	3.1 BJ
Magnesium	9350	9140	6580	10300	9880	9640	9720 U	9160 U	9560	9220	9780	9730	10100	10000	10800 U	11000	10800
Manganese	37.2	25.1	42.4	7.2 U	27.4	33	10.5 BU	26.5 U	9 BU	13.1 BU	9.5 BJ	10.6 BJ	8.2 BJ	6.5 BJ	56.1 U	28.7	30
Mercury	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	2.6 BJ	2.1 BU	5.1 BJ	3.6 U	40 U	40 U	3.2 BU	3.2 BU	26.7 U	26.7 U	2.5 BJ	3 BJ	10.3 BJ	9.3 BJ	6.4 BJ	7.6 BJ	7.9 BJ
Potassium	2900 BJ	3370 BEJ	1740 BJ	2130 J	5000 U	5000 U	2040 BU	1940 BU	2040 BJ	1910 BJ	2470 BJ	2490 BJ	2570 BEJ	2530 BEJ	2850 BEU	2550 J	2470 J
Selenium	8 UWJ	2.4 UWJ	2.4 U	1.9 UJ	1.3 U	1.3 U	25 U	25 U	3.6 UWNJ	3.6 UWNJ	2.8 U	2.8 U	2.2 U	2.2 UW	2.2 U	2.2 U	2.2 U
Silver	2 BJ	8.8 BU	3.7 UNJ	3.3 J	5.9 J	5 J	13.7 U	14.9 U	4.2 BJ	3.5 BJ	13.6 NJ	14.4 NJ	14.7 U	14.8 U	10.9 U	29.6 J	29.8 J
Sodium	14700	14100	13300	15900	15900 U	15400 U	16200 U	15200 U	15400	14800	15400	15400	16400 *EJ	16000 *EJ	17000 U	18000	17300
Thallium	1.1 UJ	1.1 U	5.4 BU	3.7 U	2.3 U	2.3 U	2.3 U	2.3 U	2 U	2 U	2.2 BJ	4.6 BJ	2.7 UNJ	2.7 UNJ	2.7 U	2.7 U	2.7 U
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.6 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Zinc	74.6 *J	35.2	94.4	62.4 U	50.7 U	24.4 U	4 BU	5.5 BU	6.1 U	13.3 BU	6.1 U	6.1 U	5.4 BU	7.2 BU	65.3 U	0.8 U	0.8 U
Wet Chem (mg/L)																	
Sulfate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

ug/L - micrograms/liter mg/L - milligrams/liter
-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		AGM-3S															
		11/13/01		02/05/02		05/21/02		08/20/02		11/13/02	05/13/03	11/05/03	05/18/04	11/16/04		05/17/05	10/25/05
		GW-AGM3S	GW-AGM3S-DUP	GW-AGM3S	GW-AGM3S-DUP	GW-AGM3S	GW-AGM3S DUP	GW-AGM3S	GW-AGM3S DUP	GW-AGM3S	GW-AGM3S	GW-AGM3S	GW-AGM3S	GW-AGM3S	GW-AGM3SD	GW-AGM3S	GW-AGM-3S
Metals (µg/L)																	
Aluminum		10.4 U	13.9 BU	--	--	--	--	--	--	--	--	--	--	--	--	--	10.4 U
Antimony		17.4 BJ	18.8 BJ	17.1 BJ	15.8 BJ	18.1 BJ	14.5 BJ	15.4 BJ	17.6 BJ	16.5 BJ	27 BU	83.7 NJ	5.8 U	3.4 BU	5.9 BU	2.5 UNJ	2.5 U
Arsenic		2.2 U	2.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	3.1 U
Barium		236	237	--	--	--	--	--	--	--	--	--	--	--	--	--	471
Beryllium		0.2 U	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.4 U
Cadmium		0.3 U	0.3 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.8 U
Calcium		75200	75200	--	--	--	--	--	--	--	--	--	--	--	--	--	72200
Chromium		1010	1010	1100 J	1120 J	1260	1250	1090	1180	1160	1860	2070	1340	1250	1290	320	3.8 BJ
Cobalt		5.6 BJ	5.3 BJ	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9 U
Copper		2.2 BU	2.8 BU	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2 U
Hexavalent Chromium		860 J	860 J	1040	1000	1300	1300	942 J	880 J	1240	1590	1800	1300	1000	1000	10 U*N	1000 U
Iron		143	136	--	--	--	--	--	--	--	--	--	--	--	--	--	4670
Lead		3 BJ	2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9 U
Magnesium		11400	11400	--	--	--	--	--	--	--	--	--	--	--	--	--	10600
Manganese		7.4 BJ	6.6 BJ	--	--	--	--	--	--	--	--	--	--	--	--	--	530
Mercury		0.2 U	0.2 U	--	--	--	--	--	--	--	--	--	--	--	--	--	0.16 U
Nickel		3.7 BJ	3.7 BJ	--	--	--	--	--	--	--	--	--	--	--	--	--	2.3 U
Potassium		2400 J	2390 J	--	--	--	--	--	--	--	--	--	--	--	--	--	4060 BJ
Selenium		2.1 UJ	2.1 UJ	--	--	--	--	--	--	--	--	--	--	--	--	--	3.9 UNJ
Silver		6.5 BUJ	7 BUJ	--	--	--	--	--	--	--	--	--	--	--	--	--	10 BNU
Sodium		17000	17000	--	--	--	--	--	--	--	--	--	--	--	--	--	16800
Thallium		2.7 U	2.7 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2.9 U
Vanadium		1.5 U	1.5 U	--	--	--	--	--	--	--	--	--	--	--	--	--	2 U
Zinc		0.8 U	0.8 U	--	--	--	--	--	--	--	--	--	--	--	--	--	20 BU
Wet Chem (mg/L)																	
Sulfate		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfide		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	AGM-3S														
	10/25/06	01/24/07	04/25/07	07/24/07	10/24/07	01/22/08	04/22/08	07/22/08	08/25/08	09/11/08	09/26/08	10/02/08	10/14/08	10/17/08	
	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S-110	AGM-3S-50
Metals (µg/L)															
Aluminum	--	181 B	91.2 B	348	62.6 U	63.9	73.9	13.4 B	--	--	--	--	53.1	--	--
Antimony	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.3 B	0.224 B	0.148 B	--	--	--	--	0.1 B	--	--
Arsenic	--	3.2 U	3.2 U	3.2 U	2.8 U	1.06 B	1.13 B	1.02 B	--	--	--	--	0.691 B	--	--
Barium	--	161 B	192 B	527	212	264	252	215	--	--	--	--	206	--	--
Beryllium	--	0.3 U	0.3 U	0.3 U	0.3 U	0.025 U	0.025 U	0.025 U	--	--	--	--	0.025 U	--	--
Cadmium	--	64.2	9.1	8.6	1 B	1.91 B	0.81 B	0.75 B	--	--	--	--	1.59 B	--	--
Calcium	--	65500	73000	73200	75900	92700	87200	76600	--	--	--	--	75700	--	--
Chromium	2260	696	262	6.4 B	1300	1260	1150	830	--	103	144	--	966	--	--
Cobalt	--	6.9 B	4.1 B	1.7 U	1.7 U	1.57 B	1.79 B	0.936 B	--	--	--	--	0.787 B	--	--
Copper	--	5.2 B	3.7 U	3.7 U	3.7 U	1.32 B	1.81 B	3.6 B	--	--	--	--	2.02 B	--	--
Hexavalent Chromium	2160	10 U	10 U	10 U	597	894	705	615	10 U	12.1	50.1	21.5	734	10 UR	1560 J
Iron	--	6000	3320	7240	228	352	2300	932	--	--	--	--	851	--	--
Lead	--	2.7 U	2.7 U	2.7 U	2.7 U	0.174 B	0.156 B	0.19 B	--	--	--	--	0.303 B	--	--
Magnesium	--	8880	10200	10100	10800	14300	13500	13800	--	--	--	--	11800	--	--
Manganese	--	1330	3040	560	326	450	332	335	--	--	--	--	326	--	--
Mercury	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	--	--	--	0.1 U	--	--
Nickel	--	4.7 B	4.6 B	4.9 B	2.6 B	7.14	12	3.4 B	--	--	--	--	4.29 B	--	--
Potassium	--	2590 B	2050 B	3680 B	2220 B	2380	2180	2190	--	--	--	--	2160	--	--
Selenium	--	4.2 U	4.2 U	4.2 U	4.2 U	0.188 B	0.172 B	0.125 B	--	--	--	--	0.149 B	--	--
Silver	--	1.4 U	1.4 U	1.4 U	1.4 U	0.077 B	0.16 B	0.034 U	--	--	--	--	0.034 U	--	--
Sodium	--	19000	20000	18800	18100	23700	23500	22400	--	--	--	--	22300	--	--
Thallium	--	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	0.112 U	0.112 U	--	--	--	--	0.112 U	--	--
Vanadium	--	4.7 U	4.7 U	4.7 U	3 U	0.474 B	0.677 B	0.445 B	--	--	--	--	0.456 B	--	--
Zinc	--	12.5 B	9.4 B	5.8 U	20 B	6.3 B	11.6 B	13.5 B	--	--	--	--	18.3 B	--	--
Wet Chem (mg/L)															
Sulfate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

		AGM-3S															
		10/24/08	11/03/08	01/27/09	04/21/09	07/21/09	10/21/09	04/20/10	10/05/10	01/13/11	04/19/11	10/04/11	01/16/12	04/17/12	10/01/12	04/22/13	4/12/2018
		AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S
Metals (µg/L)																	
Aluminum	--	--	611	341	200 U	200 U	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	4.9 U	4.9 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	4.5 U	4.5 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	246	398	182 J	202	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	0.1 U	0.1 U	2 U	2 U	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	1.2 B	1.4 B	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	87500	104000	69900	78600	--	--	--	--	--	--	--	--	--	--	--
Chromium	--	--	1770	447	447	423	969	9.2 J	245	266	225	198	194	216	14	9.6 J	
Cobalt	--	--	3.5 U	3.5 U	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	3.7 B	3.1 U	25 U	25 U	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	1480	1490	1350	10 U	343	256	10 U	10 U	194	233	163	167	147	183	10 U	10 U	
Iron	--	--	1380	11100	397	723	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	2.2 U	2.2 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	12500	15400	9880	10700	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	333	3270	57.1	248	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	0.1 U	0.16 B	0.2 U	0.2 U	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	3.9 U	8.4 B	40 U	40 U	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	2440 B	2970 B	1790 J	2070 J	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	4.8 U	4.8 U	5 U	5 U	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	1.2 U	1.2 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	22400	22600	19700	19200	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	4.8 U	4.8 U	10 U	10 U	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	1.5 U	1.5 U	50 U	50 U	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	5.8 U	5.8 U	30 U	30 U	--	--	--	--	--	--	--	--	--	--	--
Wet Chem (mg/L)																	
Sulfate	--	--	39.9	--	32.3	26.5 J+	--	--	--	--	--	--	--	--	--	--	--
Sulfide	--	--	1 U	--	1 U	1 U	--	--	--	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

AGM-3S														
	04/07/99	05/04/99	08/04/99	11/10/99	02/09/00		05/02/00		08/09/00		11/09/00		02/14/01	
	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S-DUP	GW-AGM3S	GW-AGM3S-DUP	GW-AGM-3S	GW-AGM-3SDUP	GW-AGM3S	GW-AGM3S-DUP	GW-AGM3S	GW-AGM3S-DUP
Metals (µg/L)														
Aluminum	170 BJ	134 BJ	434	48.3 U	73 J	74.1 J	9.8 UJ	23.2 BUJ	19.5 U	20.1 BJ	19.5 U	19.5 U	10.4 U	10.8 BU
Antimony	36.9 BU	3.7 BJ	29 BJ	8.6 U	4.8 J	4.7 J	7.5 BJ	7.4 BJ	6.6 BJ	8.4 BJ	7.2 BJ	6.5 BJ	7.8 BNJ	11 BNJ
Arsenic	2.4 BU	4.3 BU	3.1 U	2.6 U	2.6 U	2.6 U	4.8 BU	3.4 BU	3.1 BU	4.7 BU	1.8 U	1.8 U	2.2 U	4.1 BU
Barium	134 BJ	128 BJ	116 BEJ	184 U	190 J	186 J	193 BU	183 BU	182 BJ	177 BJ	204	202	210	211
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Cadmium	0.2 U	0.2 U	0.3 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	3.1 U	3.1 U	0.3 UNJ	0.3 UNJ
Calcium	60800	60600	46800	70400	69900 U	67900 U	62400 U	58600 U	62800	62300	62600	63200	67000 *J	67000 *J
Chromium	418	426	3350	510 U	496	486	530	499	526	508	577	571	761 *NJ	762 *NJ
Cobalt	1.1 BJ	0.8 BJ	2.2 BJ	1.1 U	50 U	50 U	1.2 U	1.6 BJ	1.9 U	1.9 U	1.9 U	1.9 U	1.6 U	1.6 U
Copper	3.3 BU	0.5 U	2.3 BJ	4.1 U	2.3 J	2.7 J	2 U	2 U	2.1 U	2.1 U	2.4 BJ	2.1 U	1.6 U	1.9 BU
Hexavalent	400	460	3000	540 J	260	460	440	440	560	560	600	600	800	800
Iron	176 J	306	598	73.9 U	100 U	107 U	87.6 BU	119 U	78.7 BU	75.7 BU	70 BJ	113	175 NJ	117 NJ
Lead	2.2 BU	1.1 UJ	2.7 U	2.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2.4 BU	3.3	1.7 U	1.7 U	2 U	2.3 BJ
Magnesium	9350	9140	6580	10300	9880	9640	9720 U	9160 U	9560	9220	9780	9730	10100	10000
Manganese	37.2	25.1	42.4	7.2 U	27.4	33	10.5 BU	26.5 U	9 BU	13.1 BU	9.5 BJ	10.6 BJ	8.2 BJ	6.5 BJ
Mercury	0.2 U	0.2 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	2.6 BJ	2.1 BU	5.1 BJ	3.6 U	40 U	40 U	3.2 BU	3.2 BU	26.7 U	26.7 U	2.5 BJ	3 BJ	10.3 BJ	9.3 BJ
Potassium	2900 BJ	3370 BEJ	1740 BJ	2130 J	5000 U	5000 U	2040 BU	1940 BU	2040 BJ	1910 BJ	2470 BJ	2490 BJ	2570 BEJ	2530 BEJ
Selenium	8 UWJ	2.4 UWJ	2.4 U	1.9 UJ	1.3 U	1.3 U	25 U	25 U	3.6 UWNJ	3.6 UWNJ	2.8 U	2.8 U	2.2 U	2.2 UW
Silver	2 BJ	8.8 BU	3.7 UNJ	3.3 J	5.9 J	5 J	13.7 U	14.9 U	4.2 BJ	3.5 BJ	13.6 NJ	14.4 NJ	14.7 U	14.8 U
Sodium	14700	14100	13300	15900	15900 U	15400 U	16200 U	15200 U	15400	14800	15400	15400	16400 *EJ	16000 *EJ
Thallium	1.1 UJ	1.1 U	5.4 BU	3.7 U	2.3 U	2.3 U	2.3 U	2.3 U	2 U	2 U	2.2 BJ	4.6 BJ	2.7 UNJ	2.7 UNJ
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1 U	1 U	1.6 U	1.6 U	1.6 U	1.6 U	1.5 U	1.5 U
Zinc	74.6 *J	35.2	94.4	62.4 U	50.7 U	24.4 U	4 BU	5.5 BU	6.1 U	13.3 BU	6.1 U	6.1 U	5.4 BU	7.2 BU
Wet Chem (mg/L)														
Sulfate														
Sulfide														

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

	AGM-3S													
	09/11/08	09/26/08	10/02/08	10/14/08	10/17/08		10/24/08	11/03/08	01/27/09	04/21/09	07/21/09	10/21/09	04/20/10	10/05/10
	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S-110	AGM-3S-50	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S
Metals (µg/L)														
Aluminum				53.1					611	341	200 U	200 U		
Antimony				0.1 B					4.9 U	4.9 U	10 U	10 U		
Arsenic				0.691 B					4.5 U	4.5 U	5 U	5 U		
Barium				206					246	398	182 J	202		
Beryllium				0.025 U					0.1 U	0.1 U	2 U	2 U		
Cadmium				1.59 B					1.2 B	1.4 B	5 U	5 U		
Calcium				75700					87500	104000	69900	78600		
Chromium	103	144		966					1770	447	447	423	969	9.2 J
Cobalt				0.787 B					3.5 U	3.5 U	50 U	50 U		
Copper				2.02 B					3.7 B	3.1 U	25 U	25 U		
Hexavalent	12.1	50.1	21.5	734	10 UR	1560 J	1480	1490	1350	10 U	343	256	10 U	10 U
Iron				851					1380	11100	397	723		
Lead				0.303 B					2.2 U	2.2 U	5 U	5 U		
Magnesium				11800					12500	15400	9880	10700		
Manganese				326					333	3270	57.1	248		
Mercury				0.1 U					0.1 U	0.16 B	0.2 U	0.2 U		
Nickel				4.29 B					3.9 U	8.4 B	40 U	40 U		
Potassium				2160					2440 B	2970 B	1790 J	2070 J		
Selenium				0.149 B					4.8 U	4.8 U	5 U	5 U		
Silver				0.034 U					1.2 U	1.2 U	10 U	10 U		
Sodium				22300					22400	22600	19700	19200		
Thallium				0.112 U					4.8 U	4.8 U	10 U	10 U		
Vanadium				0.456 B					1.5 U	1.5 U	50 U	50 U		
Zinc				18.3 B					5.8 U	5.8 U	30 U	30 U		
Wet Chem (mg/L)														
Sulfate									39.9		32.3	26.5 J+		
Sulfide									1 U		1 U	1 U		

		AGM-3S							
		01/13/11	04/19/11	10/04/11	01/16/12	04/17/12	10/01/12	04/22/13	04/12/18
		AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S	AGM-3S
Metals (µg/L)									
	Aluminum								
	Antimony								
	Arsenic								
	Barium								
	Beryllium								
	Cadmium								
	Calcium								
	Chromium	245	266	225	198	194	216	14	9.6 J
	Cobalt								
	Copper								
	Hexavalent	194	233	163	167	147	183	10 U	10 U
	Iron								
	Lead								
	Magnesium								
	Manganese								
	Mercury								
	Nickel								
	Potassium								
	Selenium								
	Silver								
	Sodium								
	Thallium								
	Vanadium								
	Zinc								
Wet Chem									
	Sulfate								
	Sulfide								

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania
Summary of Historical Sample Results

	AGM-4I																	
	04/06/99	05/05/99	08/05/99	11/10/99	02/09/00	05/03/00	08/10/00	11/09/00	02/13/01	05/14/01	08/15/01	11/13/01	02/05/02	05/21/02	08/20/02	11/14/02	05/13/03	11/05/03
	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I
Metals (µg/L)																		
Aluminum	95.9 BU	26.7 BUJ	30.6 BU	10.8 U	9.8 U	9.8 UJ	19.5 U	19.5 U	10.4 U	25.4 BU	10.4 U	10.4 U	--	--	--	--	--	--
Antimony	33.5 BJ	2.3 U	55.2 BU	3.6 U	3.4 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 UJ	4.7 U	17.9 BJ	5.3 U	5.3 UJ	35.8 BJ	39.5 BNUJ
Arsenic	1.2 U	1.2 U	3.1 U	2.6 U	2.6 U	2.6 U	1.8 U	1.8 U	2.2 U	2.2 U	2.2 U	2.2 U	--	--	--	--	--	--
Barium	248	250	243	248 U	262	248 U	222	257	259	282 EJ	259	275	--	--	--	--	--	--
Beryllium	0.1 U	0.1 U	0.9 BU	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--
Cadmium	0.2 U	0.3 BU	0.8 BU	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U	--	--	--	--	--	--
Calcium	63700	63300	72100	67900	70600 U	60600 U	65900	63600	68000	66100 U	70300	73200	--	--	--	--	--	--
Chromium	2 BJ	2.4 BJ	5.2 BJ	0.9 U	10 U	2 BU	0.9 U	0.9 U	0.9 U	1.6 BJ	0.9 UJ	1.7 BJ	6.8 BU	5.1 BJ	0.83 U	2.2 BJ	5.6 BU	7.5 BU
Cobalt	0.6 U	0.6 BJ	7.1 UJ	1.1 U	1.2 U	1.2 U	3.5 BJ	1.9 U	1.6 U	1.6 U	2.2 BJ	2.5 BJ	--	--	--	--	--	--
Copper	2.7 BU	2.7 BU	7.4 BJ	1.5 U	2 U	2 U	2.1 U	2.1 U	1.6 U	17.2 BU	1.6 U	2.1 BU	--	--	--	--	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 BU	10 U
Iron	3850 J	2690	3890	3310	7040	3690	3860	2240	3600	3560	657 J	1790	--	--	--	--	--	--
Lead	5.9 U	1.2 BJ	3.2	3.1	2.1 J	3.7 J	5	1.7 U	3	4.1 U	2 U	2.7 BU	--	--	--	--	--	--
Magnesium	10000	10000	10900	10200	10600	9900 U	10000	10200	10200	11000 U	11100	11300	--	--	--	--	--	--
Manganese	531	528	620	609 U	668	601 U	537	655	647	632	625	677 J	--	--	--	--	--	--
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--
Nickel	1.8 BJ	0.8 BU	16.3 BJ	1.5 U	40 U	1.5 BU	26.7 U	2.1 U	2 BJ	2.6 BU	1.7 U	2.1 U	--	--	--	--	--	--
Potassium	1820 BJ	2370 BEJ	1870 BJ	899 J	5000 U	1840 BU	1910 BJ	2400 BJ	2640 BEJ	2800 BEU	2250 J	2300 J	--	--	--	--	--	--
Selenium	8 UWJ	12 UJ	2.4 U	1.9 UJ	1.8 J	25 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	2.8 UJ	--	--	--	--	--	--
Silver	1.2 U	1.2 U	3.7 UNJ	2.1 U	1.6 U	5.9 BU	3 U	3 UNJ	4 BU	4.2 BNJ	2.3 UJ	1.8 UJ	--	--	--	--	--	--
Sodium	12400	12500	13600 J	12900	13500 U	13100 U	12700	12700	13300	13900	13900	13700	--	--	--	--	--	--
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U	--	--	--	--	--	--
Vanadium	1.2 U	1.2 U	7.1 BU	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	--	--	--	--	--	--
Zinc	55 *J	68.2	91.2	32.6 U	48.1 U	11.6 BU	11.6 BJ	6.1 U	7.8 BJ	36.7 EU	5.5 BU	4.1 BU	--	--	--	--	--	--

Notes:

- ug/L - micrograms/liter mg/L - milligrams/liter
-- Sample not analyzed for this compound.
U - The compound was not detected at the indicated concentration.
B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
E - The reported value is estimated due to the presence of interference.
N - The spiked sample recovery was not within control limits.
W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.
* - Duplicate analysis was not within control limits.
J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).
R - After validation, the result is qualified as rejected.

		AGM-4I																		
		05/18/04		11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/25/07	07/25/07	10/24/07	01/22/08	01/24/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/22/09
		GW-AGM4I	GW-AGM4ID	GW-AGM4I	GW-AGM4I	GW-AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I
Metals (µg/L)																				
Aluminum	--	--	--	--	70.1 BJ	--	62.6 U	62.6 U	62.6 U	62.6 U	3.47 B	--	38.6 B	13.4 B	62.6 U	77.4 U	77.4 U	200 U	104 J	
Antimony	5.8 U	5.8 U	2.5 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.441 B	--	0.311 B	0.438 B	5.8 U	4.9 U	4.9 U	10 U	10 U	
Arsenic	--	--	--	--	3.1 U	--	3.2 U	3.2 U	4.2 B	2.8 U	0.606 B	--	0.505 B	1.89 B	3.2 U	4.5 U	4.5 U	5 U	8.8	
Barium	--	--	--	--	265	--	225	279	378	256	254	--	253	275	293	53.5 B	324	275	428	
Beryllium	--	--	--	--	0.4 U	--	0.3 U	0.3 U	0.3 U	0.3 U	0.025 U	--	0.025 U	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U	
Cadmium	--	--	--	--	0.8 U	--	0.4 U	0.4 U	0.54 B	0.4 U	0.135 U	--	0.168 B	0.246 B	0.4 U	0.5 U	0.7 B	5 U	1.5 J	
Calcium	--	--	--	--	84200	--	64600	77600	75400	79200	71400	--	69500	71800	78200	20600	78000	73700	83300	
Chromium	5.8 BU	4.4 BU	4.8 BJ	9.1 BJ	87.8	9.3 B	12.5	18.5	44.1	10.7	20.8	--	25.9	58.8	23.4	2.8 U	114	14	80.4	
Cobalt	--	--	--	--	3.6 BJ	--	1.7 U	1.7 U	1.9 B	1.7 U	0.487 B	--	0.646 B	1.72 B	1.7 U	3.5 U	3.5 U	50 U	50 U	
Copper	--	--	--	--	3.5 BJ	--	3.7 U	3.7 U	3.7 U	3.7 U	0.855 B	--	1.06 B	3.1 B	3.7 U	3.1 U	3.1 U	25 U	25 U	
Hexavalent Chromium	10 U	10 U	10 U	10 U*N	10 U	10 U	10 U	10 U	10 U	10 U	10 UR	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	
Iron	--	--	--	--	199	--	3470	4200	29000	1230	1970	--	2720	4040	3360	830	12700	3460	43900	
Lead	--	--	--	--	30.2	--	2.7 U	5.5	28.3	5.7	3.13	--	3.55	12.3	7.8	2.2 U	22.9	5.8	51.7	
Magnesium	--	--	--	--	12300	--	9450	11100	11100	11300	12200	--	11600	13200	11500	9460	11600	10800	12000	
Manganese	--	--	--	--	62.4	--	473	555	618	526	509	--	513	485	513	111	544	486	671	
Mercury	--	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	
Nickel	--	--	--	--	6.9 BJ	--	2.4 U	2.4 U	4.2 B	2.4 U	1.48 B	--	0.904 U	1.78 B	2.4 U	3.9 U	3.9 U	40 U	40 U	
Potassium	--	--	--	--	2880 BJ	--	1930 B	2280 B	2140 B	2790 B	2240	--	2180	2240	2360 B	2440 B	2210 B	1820 J	2600 J	
Selenium	--	--	--	--	3.9 UNJ	--	4.2 U	4.2 U	4.2 U	4.2 U	0.195 B	--	0.246 B	0.242 B	4.2 U	4.8 U	4.8 U	5 U	5 U	
Silver	--	--	--	--	10 BNU	--	1.4 U	1.4 U	1.4 U	1.4 U	0.034 U	--	0.034 U	0.046 B	1.4 U	1.2 U	1.2 U	10 U	10 U	
Sodium	--	--	--	--	19300	--	14500	17800	17200	15400	18000	--	17500	17500	17500	17500	17800	16900	19300	
Thallium	--	--	--	--	2.9 U	--	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	--	0.112 U	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U	
Vanadium	--	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U	0.47 B	--	0.749 B	0.47 B	4.7 U	1.5 U	1.5 U	50 U	50 U	
Zinc	--	--	--	--	22.1	--	18.6 B	22.2 B	61.3	13.1 B	13.2 B	--	15.1 B	25.7	18 B	5.8 U	48.2	13 J	148	

	AGM-4I																			
	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11	01/17/12	10/01/12	04/23/13	10/7/2014	04/29/15	10/12/15	10/13/16	04/25/17	10/09/17	10/13/17	4/12/18	10/17/19	4/21/20	4/14/22	10/12/22
	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I
Metals (µg/L)																				
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	10.9	16.3	45.4	5.4 J	39.8	4.6 J	7.8 J	8.2 J	10 U	22.6	10 U	16	20.2	8.6 J	10 U	81.6	2 J	10 U	10 U	10 U
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	5.7 J	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	AGM-4I													
	04/06/99	05/05/99	08/05/99	11/10/99	02/09/00	05/03/00	08/10/00	11/09/00	02/13/01	05/14/01	08/15/01	11/13/01	02/05/02	05/21/02
	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I

Metals (µg/L)														
Aluminum	95.9 BU	26.7 BUJ	30.6 BU	10.8 U	9.8 U	9.8 UJ	19.5 U	19.5 U	10.4 U	25.4 BU	10.4 U	10.4 U		
Antimony	33.5 BJ	2.3 U	55.2 BU	3.6 U	3.4 U	3.4 U	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 UJ	4.7 U	17.9 BJ
Arsenic	1.2 U	1.2 U	3.1 U	2.6 U	2.6 U	2.6 U	1.8 U	1.8 U	2.2 U	2.2 U	2.2 U	2.2 U		
Barium	248	250	243	248 U	262	248 U	222	257	259	282 EJ	259	275		
Beryllium	0.1 U	0.1 U	0.9 BU	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Cadmium	0.2 U	0.3 BU	0.8 BU	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U		
Calcium	63700	63300	72100	67900	70600 U	60600 U	65900	63600	68000	66100 U	70300	73200		
Chromium	2 BJ	2.4 BJ	5.2 BJ	0.9 U	10 U	2 BU	0.9 U	0.9 U	0.9 U	1.6 BJ	0.9 UJ	1.7 BJ	6.8 BU	5.1 BJ
Cobalt	0.6 U	0.6 BJ	7.1 UJ	1.1 U	1.2 U	1.2 U	3.5 BJ	1.9 U	1.6 U	1.6 U	2.2 BJ	2.5 BJ		
Copper	2.7 BU	2.7 BU	7.4 BJ	1.5 U	2 U	2 U	2.1 U	2.1 U	1.6 U	17.2 BU	1.6 U	2.1 BU		
Hexavalent	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Iron	3850 J	2690	3890	3310	7040	3690	3860	2240	3600	3560	657 J	1790		
Lead	5.9 U	1.2 BJ	3.2	3.1	2.1 J	3.7 J	5	1.7 U	3	4.1 U	2 U	2.7 BU		
Magnesium	10000	10000	10900	10200	10600	9900 U	10000	10200	10200	11000 U	11100	11300		
Manganese	531	528	620	609 U	668	601 U	537	655	647	632	625	677 J		
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Nickel	1.8 BJ	0.8 BU	16.3 BJ	1.5 U	40 U	1.5 BU	26.7 U	2.1 U	2 BJ	2.6 BU	1.7 U	2.1 U		
Potassium	1820 BJ	2370 BEJ	1870 BJ	899 J	5000 U	1840 BU	1910 BJ	2400 BJ	2640 BEJ	2800 BEU	2250 J	2300 J		
Selenium	8 UWJ	12 UJ	2.4 U	1.9 UJ	1.8 J	25 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	2.8 UJ		
Silver	1.2 U	1.2 U	3.7 UNJ	2.1 U	1.6 U	5.9 BU	3 U	3 UNJ	4 BU	4.2 BNJ	2.3 UJ	1.8 UJ		
Sodium	12400	12500	13600 J	12900	13500 U	13100 U	12700	12700	13300	13900	13900	13700		
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U		
Vanadium	1.2 U	1.2 U	7.1 BU	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U		
Zinc	55 *J	68.2	91.2	32.6 U	48.1 U	11.6 BU	11.6 BJ	6.1 U	7.8 BJ	36.7 EU	5.5 BU	4.1 BU		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		AGM-4I													
		08/20/02	11/14/02	05/13/03	11/05/03	05/18/04		11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/25/07	07/25/07	10/24/07
		GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4I	GW-AGM4ID	GW-AGM4I	GW-AGM4I	GW-AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I
Metals (µg/L)															
	Aluminum									70.1 BJ		62.6 U	62.6 U	62.6 U	62.6 U
	Antimony	5.3 U	5.3 UJ	35.8 BJ	39.5 BNUJ	5.8 U	5.8 U	2.5 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U
	Arsenic									3.1 U		3.2 U	3.2 U	4.2 B	2.8 U
	Barium									265		225	279	378	256
	Beryllium									0.4 U		0.3 U	0.3 U	0.3 U	0.3 U
	Cadmium									0.8 U		0.4 U	0.4 U	0.54 B	0.4 U
	Calcium									84200		64600	77600	75400	79200
	Chromium	0.83 U	2.2 BJ	5.6 BU	7.5 BU	5.8 BU	4.4 BU	4.8 BJ	9.1 BJ	87.8	9.3 B	12.5	18.5	44.1	10.7
	Cobalt									3.6 BJ		1.7 U	1.7 U	1.9 B	1.7 U
	Copper									3.5 BJ		3.7 U	3.7 U	3.7 U	3.7 U
	Hexavalent	10 U	10 U	10 BU	10 U	10 U	10 U	10 U	10 U*N	10 U	10 U	10 U	10 U	10 U	10 U
	Iron									199		3470	4200	29000	1230
	Lead									30.2		2.7 U	5.5	28.3	5.7
	Magnesium									12300		9450	11100	11100	11300
	Manganese									62.4		473	555	618	526
	Mercury									0.16 U		0.1 U	0.1 U	0.1 U	0.1 U
	Nickel									6.9 BJ		2.4 U	2.4 U	4.2 B	2.4 U
	Potassium									2880 BJ		1930 B	2280 B	2140 B	2790 B
	Selenium									3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U
	Silver									10 BNU		1.4 U	1.4 U	1.4 U	1.4 U
	Sodium									19300		14500	17800	17200	15400
	Thallium									2.9 U		4.7 U	4.7 U	4.7 U	1.9 U
	Vanadium									2 U		4.7 U	4.7 U	4.7 U	3 U
	Zinc									22.1		18.6 B	22.2 B	61.3	13.1 B

AGM-4I													
01/22/08	01/24/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/22/09	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11
AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I	AGM-4I

Metals (µg/L)														
Aluminum	3.47 B		38.6 B	13.4 B	62.6 U	77.4 U	77.4 U	200 U	104 J					
Antimony	0.441 B		0.311 B	0.438 B	5.8 U	4.9 U	4.9 U	10 U	10 U					
Arsenic	0.606 B		0.505 B	1.89 B	3.2 U	4.5 U	4.5 U	5 U	8.8					
Barium	254		253	275	293	53.5 B	324	275	428					
Beryllium	0.025 U		0.025 U	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U					
Cadmium	0.135 U		0.168 B	0.246 B	0.4 U	0.5 U	0.7 B	5 U	1.5 J					
Calcium	71400		69500	71800	78200	20600	78000	73700	83300					
Chromium	20.8		25.9	58.8	23.4	2.8 U	114	14	80.4	10.9	16.3	45.4	5.4 J	39.8
Cobalt	0.487 B		0.646 B	1.72 B	1.7 U	3.5 U	3.5 U	50 U	50 U					
Copper	0.855 B		1.06 B	3.1 B	3.7 U	3.1 U	3.1 U	25 U	25 U					
Hexavalent	10 UR	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	1970		2720	4040	3360	830	12700	3460	43900					
Lead	3.13		3.55	12.3	7.8	2.2 U	22.9	5.8	51.7					
Magnesium	12200		11600	13200	11500	9460	11600	10800	12000					
Manganese	509		513	485	513	111	544	486	671					
Mercury	0.1 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U					
Nickel	1.48 B		0.904 U	1.78 B	2.4 U	3.9 U	3.9 U	40 U	40 U					
Potassium	2240		2180	2240	2360 B	2440 B	2210 B	1820 J	2600 J					
Selenium	0.195 B		0.246 B	0.242 B	4.2 U	4.8 U	4.8 U	5 U	5 U					
Silver	0.034 U		0.034 U	0.046 B	1.4 U	1.2 U	1.2 U	10 U	10 U					
Sodium	18000		17500	17500	17500	17500	17800	16900	19300					
Thallium	0.112 U		0.112 U	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U					
Vanadium	0.47 B		0.749 B	0.47 B	4.7 U	1.5 U	1.5 U	50 U	50 U					
Zinc	13.2 B		15.1 B	25.7	18 B	5.8 U	48.2	13 J	148					

[illegible]

		AGM-4I			
		04/14/22	10/12/22	04/20/23	10/19/23
		AGM-4I	AGM-4I	AGM-4I	AGM-4I
Metals (µg/L)					
	Aluminum				
	Antimony				
	Arsenic				
	Barium				
	Beryllium				
	Cadmium				
	Calcium				
	Chromium	10 U	10 U	10 U	10 U
	Cobalt				
	Copper				
	Hexavalent	10 U	10 U	10 U	10 U
	Iron				
	Lead				
	Magnesium				
	Manganese				
	Mercury				
	Nickel				
	Potassium				
	Selenium				
	Silver				
	Sodium				
	Thallium				
	Vanadium				
	Zinc				

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Sample Results

		AGM-4S																	
		04/07/99	05/05/99	08/05/99	11/10/99	02/09/00	05/03/00	08/10/00	11/09/00	02/13/01	05/15/01	08/15/01	11/13/01	02/05/02	05/21/02	08/20/02	11/14/02	05/13/03	11/05/03
		AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	GW-AGM4S (MS/MSD)	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S
Metals (µg/L)																			
Aluminum	132 BJ	252	37.4 BU	50.3 U	52 J	12.1 UJ	25.3 BJ	19.5 U	10.4 U	10.4 U	57.2 BU	602 J	--	--	--	--	--	--	39 U
Antimony	31.1 BJ	11 BJ	36.8 U	25.4 U	3.4 U	10 BJ	5.5 U	5.5 U	4.7 U	12 B	15.6 BJ	4.7 UJ	--	16.8 BJ	21.9 BJ	5.3 UJ	24.2 BU	41.4 BNU	
Arsenic	7.7 BU	1.3 BU	3.8 B	5.1 J	2.6 U	6.7 BU	2.9 BU	4.4 BJ	4.4 BU	3.4 BR	2.2 BU	3.5 BJ	--	--	--	--	--	--	5.9 U
Barium	66 BJ	51.7 BJ	77.6 BJ	87.4 U	100 J	141 BU	138 BJ	204	185 BJ	105 BU	158 BJ	233	--	--	--	--	--	--	223
Beryllium	0.5 BJ	0.1 U	0.5 U	0.1 U	0.2 J	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	0.2 U
Cadmium	0.5 BJ	0.2 U	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U	--	--	--	--	--	--	0.3 UN
Calcium	39200	36700	46600	47000	65400 U	52800 U	63600	66600	68800	51300 U	63500	78100	--	--	--	--	--	--	70400
Chromium	1150	1290	1110	1190	9.1 J	669	191	21.8	41.8	914	883 J	63	154 J	150	1690	230	1110	236	
Cobalt	0.6 U	0.6 U	7.1 UJ	1.1 U	1.2 U	1.2 U	1.9 U	1.9 U	1.6 U	2 BJ	1.6 U	2.9 BJ	--	--	--	--	--	--	1.1 U
Copper	4.6 BU	0.8 BU	6.6 BJ	3.1 U	2 U	5.3 BU	2.1 U	2.1 U	1.7 BJ	1.9 BU	1.8 BJ	10.8 BU	--	--	--	--	--	--	4.5 BU
Hexavalent Chromium	1100	1800	1100	1200 J	20	800	280	28	58	600	1100 J	19 J	136	190	1740 J	262	1030	230	
Iron	136 J	542	98.4 B	75 U	4580	57.5 BU	59.2 BU	92.8 BJ	138	53.2 BU	50.2 BJ	110	--	--	--	--	--	--	47 U
Lead	1.4 BU	1.1 UJ	2.7 U	2.5 U	2.2 J	2.6 BJ	3	1.7 U	2 U	2 U	2 U	3.5 BJ	--	--	--	--	--	--	2.2 BNU
Magnesium	4820 BJ	3770 BJ	5450	5720	7150	7200 U	8860	9990	9670	5670 U	9030	11300	--	--	--	--	--	--	10900
Manganese	20.3	22	7.9 BJ	5.6 U	324	9.6 BU	10.1 BJ	5.2 BJ	6.8 BJ	5.4 BU	2.7 BU	5.9 BJ	--	--	--	--	--	--	1.7 BJ
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	
Nickel	10.7 BJ	5 BJ	12.8 U	4 U	40 U	3 BU	26.7 U	2.1 U	2.7 BJ	2.4 BJ	3.7 BJ	2.1 U	--	--	--	--	--	--	2.8 BJ
Potassium	1830 BJ	1700 BEJ	1800 BJ	1810 J	8990 U	1690 BU	1780 BJ	2720 BJ	2850 BEJ	1740 BEU	2010 J	2570 J	--	--	--	--	--	--	2590 BJ
Selenium	8 UWJ	2.4 UWJ	2.4 U	1.9 U	1.3 U	25 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	3.4 UJ	--	--	--	--	--	--	1.2 UN
Silver	10.4	18.9	3.7 UNJ	6 J	1.6 U	16.7 U	3 U	3.7 BNJ	4.5 BU	10.8 U	24.3 J	1.8 UJ	--	--	--	--	--	--	6.5 BUJ
Sodium	7050	4470 BJ	6260 J	7190	107000	11300 U	12400	14900	14700	6900 U	11800	16100	--	--	--	--	--	--	16700 J
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U	--	--	--	--	--	--	3.5 UNJ
Vanadium	1.2 U	1.2 U	8.9 B	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	--	--	--	--	--	--	1 U
Zinc	73.8 *J	50.8	60	30.3 U	236 J	6.9 BU	6.1 U	6.1 U	3.4 BU	34.3 U	2.6 BU	4.8 BJ	--	--	--	--	--	--	8.4 BU

Notes:

- ug/L - micrograms/liter mg/L - milligrams/liter
- Sample not analyzed for this compound.
- U - The compound was not detected at the indicated concentration.
- B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
- E - The reported value is estimated due to the presence of interference.
- N - The spiked sample recovery was not within control limits.
- W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.
- * - Duplicate analysis was not within control limits.
- J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).
- R - After validation, the result is qualified as rejected.

	AGM-4S																	
	05/18/04	11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/25/07	07/25/07	10/24/07	01/22/08	01/24/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/22/09
	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM-4S	AGM-4S_72	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S
Metals (µg/L)																		
Aluminum	--	--	--	10.4 U	--	62.6 U	77.9 B	68.1 B	62.6 U	63.9	--	38.4 B	12.4 B	63 B	470	77.4 U	200 U	487
Antimony	7.9 BU	2.5 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.419 B	--	0.224 B	0.208 B	5.8 U	4.9 U	4.9 U	10 U	10 U
Arsenic	--	--	--	3.1 U	--	3.6 B	3.2 U	3.2 U	2.8 U	1.33 B	--	1.27 B	1.28 B	3.2 U	6.3	4.5 U	5 U	5 U
Barium	--	--	--	320	--	83.5 B	54.4 B	227	119 B	149	--	157	65.6	160 B	113 B	64.2 B	159 J	243
Beryllium	--	--	--	0.4 U	--	0.3 U	0.3 U	0.3 U	0.3 U	0.025 U	--	0.025 U	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U
Cadmium	--	--	--	0.8 U	--	0.4 U	0.4 U	0.4 U	0.4 U	0.135 U	--	0.135 U	0.135 U	0.4 U	0.5 U	0.5 U	5 U	5 U
Calcium	--	--	--	80000	--	53900	45600	78600	70600	74300	--	71000	51100	79200	58800	51500	75200	83900
Chromium	2250	182	237	10.4	385	1380	1600	118	516	246	--	172	1550	261	1260	1390	120	38
Cobalt	--	--	--	1.9 U	--	1.7 U	1.7 U	1.7 U	2.6 B	2.12 B	--	0.33 B	0.226 B	1.7 U	3.5 U	3.5 U	50 U	50 U
Copper	--	--	--	1.2 U	--	3.7 U	3.7 U	3.7 U	3.7 U	1.78 B	--	0.496 B	2.81 B	3.7 U	3.1 U	3.1 U	25 U	25 U
Hexavalent Chromium	2200	200	260 *NJ+	20 U	497	1350	1520	96.1	306	187 R	153	161	1490	222	1020	1170	93.3	28.2
Iron	--	--	--	4810	--	90.4 B	156	111 B	172	229	--	129 B	46.5 B	184	2410	191	193	709
Lead	--	--	--	11.9	--	2.7 U	2.7 U	2.7 U	2.7 U	0.078 B	--	0.152 B	0.186 B	2.7 U	2.2 U	2.2 U	5 U	3.8 J
Magnesium	--	--	--	12300	--	5150	3630 B	11000	8380	10700	--	10100	5010	10300	6230	3930 B	9910	11600
Manganese	--	--	--	592	--	3 B	8.4 B	5.1 B	7 B	5 B	--	3.72 B	1.1 B	5.1 B	45.2	6.9 B	9.1 J	60
Mercury	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U
Nickel	--	--	--	2.3 U	--	2.4 U	9.6 B	2.4 U	13.9 B	6.62	--	1.65 B	1.9 B	3.3 B	19.1 B	10.2 B	5 J	40 U
Potassium	--	--	--	2690 BJ	--	1470 B	1100 B	2150 B	2370 B	2080	--	1910	1220	2010 B	1740 B	1180 B	1570 J	2600 J
Selenium	--	--	--	3.9 UNJ	--	4.2 U	4.2 U	4.2 U	4.2 U	0.185 B	--	0.232 B	0.387 B	4.2 U	4.8 U	4.8 U	5 U	5 U
Silver	--	--	--	10 BNU	--	1.4 U	1.4 U	1.4 U	1.4 U	0.617 B	--	0.034 U	0.034 U	1.4 U	1.2 U	1.2 U	10 U	10 U
Sodium	--	--	--	16000	--	11900	10400	19800	12700	18200	--	17100	8790	16100	11200	8580	17200	22600
Thallium	--	--	--	2.9 U	--	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	--	0.112 U	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U
Vanadium	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U	0.62 B	--	0.806 B	0.5 B	4.7 U	1.5 U	1.5 U	50 U	50 U
Zinc	--	--	--	24.1	--	11.4 B	5.8 U	5.8 U	5.8 U	6.33 B	--	3.63 B	9.2 B	9.4 B	5.8 U	5.8 U	30 U	8.7 J

AGM-4S																		
	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11	01/17/12	04/17/12	10/01/12	04/23/13	04/22/14	10/7/14	04/29/15	10/12/15	04/06/16	10/13/16	04/25/17	10/09/17	4/12/18
	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4s	AGM-4S	AGM-4S	AGM-4S	AGM-4S
Metals (µg/L)																		
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	1350	1000	29.9	978	102	21	827	10 U	11.9	10 U	16.3	17.7	14 BJ	6.1 J	6.8 J	11	5.2 J	10 U
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	1210	882	27.5	953	72.3	16.4	758	111	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UF1	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	AGM-4S							
	1/23/19	4/18/19	10/17/19	4/21/20	4/14/21	10/14/21	4/14/22	10/12/22
	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S
Metals (µg/L)								
Aluminum	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--
Chromium	11.7	35	1.6 J	10 U	10 U	10 U	10 U	10 U
Cobalt	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	4.4 J	10 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		AGM-4S													
		04/07/99	05/05/99	08/05/99	11/10/99	02/09/00	05/03/00	08/10/00	11/09/00	02/13/01	05/15/01	08/15/01	11/13/01	02/05/02	05/21/02
		AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	GW-AGM4S (MS/MSD)	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S
Metals (µg/L)															
Aluminum		132 BJ	252	37.4 BU	50.3 U	52 J	12.1 UJ	25.3 BJ	19.5 U	10.4 U	10.4 U	57.2 BU	602 J		
Antimony		31.1 BJ	11 BJ	36.8 U	25.4 U	3.4 U	10 BJ	5.5 U	5.5 U	4.7 U	12 B	15.6 BJ	4.7 UJ	4.7 U	16.8 BJ
Arsenic		7.7 BU	1.3 BU	3.8 B	5.1 J	2.6 U	6.7 BU	2.9 BU	4.4 BJ	4.4 BU	3.4 BR	2.2 BU	3.5 BJ		
Barium		66 BJ	51.7 BJ	77.6 BJ	87.4 U	100 J	141 BU	138 BJ	204	185 BJ	105 BU	158 BJ	233		
Beryllium		0.5 BJ	0.1 U	0.5 U	0.1 U	0.2 J	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Cadmium		0.5 BJ	0.2 U	0.3 U	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U		
Calcium		39200	36700	46600	47000	65400 U	52800 U	63600	66600	68800	51300 U	63500	78100		
Chromium		1150	1290	1110	1190	9.1 J	669	191	21.8	41.8	914	883 J	63	154 J	150
Cobalt		0.6 U	0.6 U	7.1 UJ	1.1 U	1.2 U	1.2 U	1.9 U	1.9 U	1.6 U	2 BJ	1.6 U	2.9 BJ		
Copper		4.6 BU	0.8 BU	6.6 BJ	3.1 U	2 U	5.3 BU	2.1 U	2.1 U	1.7 BJ	1.9 BU	1.8 BJ	10.8 BU		
Hexavalent		1100	1800	1100	1200 J	20	800	280	28	58	600	1100 J	19 J	136	190
Iron		136 J	542	98.4 B	75 U	4580	57.5 BU	59.2 BU	92.8 BJ	138	53.2 BU	50.2 BJ	110		
Lead		1.4 BU	1.1 UJ	2.7 U	2.5 U	2.2 J	2.6 BJ	3	1.7 U	2 U	2 U	2 U	3.5 BJ		
Magnesium		4820 BJ	3770 BJ	5450	5720	7150	7200 U	8860	9990	9670	5670 U	9030	11300		
Manganese		20.3	22	7.9 BJ	5.6 U	324	9.6 BU	10.1 BJ	5.2 BJ	6.8 BJ	5.4 BU	2.7 BU	5.9 BJ		
Mercury		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Nickel		10.7 BJ	5 BJ	12.8 U	4 U	40 U	3 BU	26.7 U	2.1 U	2.7 BJ	2.4 BJ	3.7 BJ	2.1 U		
Potassium		1830 BJ	1700 BEJ	1800 BJ	1810 J	8990 U	1690 BU	1780 BJ	2720 BJ	2850 BEJ	1740 BEU	2010 J	2570 J		
Selenium		8 UWJ	2.4 UWJ	2.4 U	1.9 U	1.3 U	25 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	3.4 UJ		
Silver		10.4	18.9	3.7 UNJ	6 J	1.6 U	16.7 U	3 U	3.7 BNJ	4.5 BU	10.8 U	24.3 J	1.8 UJ		
Sodium		7050	4470 BJ	6260 J	7190	107000	11300 U	12400	14900	14700	6900 U	11800	16100		
Thallium		1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	2.3 U	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U		
Vanadium		1.2 U	1.2 U	8.9 B	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U		
Zinc		73.8 *J	50.8	60	30.3 U	236 J	6.9 BU	6.1 U	6.1 U	3.4 BU	34.3 U	2.6 BU	4.8 BJ		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

AGM-4S													
08/20/02	11/14/02	05/13/03	11/05/03	05/18/04	11/16/04	05/17/05	10/25/05	10/25/06	01/24/07	04/25/07	07/25/07	10/24/07	01/22/08
GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM4S	GW-AGM-4S	AGM-4S_72	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S

Metals (µg/L)														
Aluminum				39 U				10.4 U		62.6 U	77.9 B	68.1 B	62.6 U	63.9
Antimony	21.9 BJ	5.3 UJ	24.2 BU	41.4 BNU	7.9 BU	2.5 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.419 B
Arsenic				5.9 U				3.1 U		3.6 B	3.2 U	3.2 U	2.8 U	1.33 B
Barium				223				320		83.5 B	54.4 B	227	119 B	149
Beryllium				0.2 U				0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.025 U
Cadmium				0.3 UN				0.8 U		0.4 U	0.4 U	0.4 U	0.4 U	0.135 U
Calcium				70400				80000		53900	45600	78600	70600	74300
Chromium	1690	230	1110	236	2250	182	237	10.4	385	1380	1600	118	516	246
Cobalt				1.1 U				1.9 U		1.7 U	1.7 U	1.7 U	2.6 B	2.12 B
Copper				4.5 BU				1.2 U		3.7 U	3.7 U	3.7 U	3.7 U	1.78 B
Hexavalent	1740 J	262	1030	230	2200	200	260 *NJ+	20 U	497	1350	1520	96.1	306	187 R
Iron				47 U				4810		90.4 B	156	111 B	172	229
Lead				2.2 BNU				11.9		2.7 U	2.7 U	2.7 U	2.7 U	0.078 B
Magnesium				10900				12300		5150	3630 B	11000	8380	10700
Manganese				1.7 BJ				592		3 B	8.4 B	5.1 B	7 B	5 B
Mercury								0.16 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nickel				2.8 BJ				2.3 U		2.4 U	9.6 B	2.4 U	13.9 B	6.62
Potassium				2590 BJ				2690 BJ		1470 B	1100 B	2150 B	2370 B	2080
Selenium				1.2 UN				3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U	0.185 B
Silver				6.5 BUJ				10 BNU		1.4 U	1.4 U	1.4 U	1.4 U	0.617 B
Sodium				16700 J				16000		11900	10400	19800	12700	18200
Thallium				3.5 UNJ				2.9 U		4.7 U	4.7 U	4.7 U	1.9 U	0.112 U
Vanadium				1 U				2 U		4.7 U	4.7 U	4.7 U	3 U	0.62 B
Zinc				8.4 BU				24.1		11.4 B	5.8 U	5.8 U	5.8 U	6.33 B

		AGM-4S													
		01/24/08	04/22/08	07/22/08	10/15/08	01/27/09	04/21/09	07/21/09	10/22/09	04/20/10	10/05/10	01/10/11	04/19/11	10/04/11	01/17/12
		AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S
Metals (µg/L)															
	Aluminum		38.4 B	12.4 B	63 B	470	77.4 U	200 U	487						
	Antimony		0.224 B	0.208 B	5.8 U	4.9 U	4.9 U	10 U	10 U						
	Arsenic		1.27 B	1.28 B	3.2 U	6.3	4.5 U	5 U	5 U						
	Barium		157	65.6	160 B	113 B	64.2 B	159 J	243						
	Beryllium		0.025 U	0.025 U	0.3 U	0.1 U	0.1 U	2 U	2 U						
	Cadmium		0.135 U	0.135 U	0.4 U	0.5 U	0.5 U	5 U	5 U						
	Calcium		71000	51100	79200	58800	51500	75200	83900						
	Chromium		172	1550	261	1260	1390	120	38	1350	1000	29.9	978	102	21
	Cobalt		0.33 B	0.226 B	1.7 U	3.5 U	3.5 U	50 U	50 U						
	Copper		0.496 B	2.81 B	3.7 U	3.1 U	3.1 U	25 U	25 U						
	Hexavalent	153	161	1490	222	1020	1170	93.3	28.2	1210	882	27.5	953	72.3	16.4
	Iron		129 B	46.5 B	184	2410	191	193	709						
	Lead		0.152 B	0.186 B	2.7 U	2.2 U	2.2 U	5 U	3.8 J						
	Magnesium		10100	5010	10300	6230	3930 B	9910	11600						
	Manganese		3.72 B	1.1 B	5.1 B	45.2	6.9 B	9.1 J	60						
	Mercury		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U						
	Nickel		1.65 B	1.9 B	3.3 B	19.1 B	10.2 B	5 J	40 U						
	Potassium		1910	1220	2010 B	1740 B	1180 B	1570 J	2600 J						
	Selenium		0.232 B	0.387 B	4.2 U	4.8 U	4.8 U	5 U	5 U						
	Silver		0.034 U	0.034 U	1.4 U	1.2 U	1.2 U	10 U	10 U						
	Sodium		17100	8790	16100	11200	8580	17200	22600						
	Thallium		0.112 U	0.112 U	4.7 U	4.8 U	4.8 U	10 U	10 U						
	Vanadium		0.806 B	0.5 B	4.7 U	1.5 U	1.5 U	50 U	50 U						
	Zinc		3.63 B	9.2 B	9.4 B	5.8 U	5.8 U	30 U	8.7 J						

[illegible]

		AGM-4S							
		10/17/19	04/21/20	04/14/21	10/14/21	04/14/22	10/12/22	04/20/23	10/19/23
		AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4S	AGM-4s	AGM-4S	AGM-4S
Metals (µg/L)									
	Aluminum								
	Antimony								
	Arsenic								
	Barium								
	Beryllium								
	Cadmium								
	Calcium								
	Chromium	1.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Cobalt								
	Copper								
	Hexavalent	10 UF1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Iron								
	Lead								
	Magnesium								
	Manganese								
	Mercury								
	Nickel								
	Potassium								
	Selenium								
	Silver								
	Sodium								
	Thallium								
	Vanadium								
	Zinc								

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Results

AGM-5I														
	04/08/99	05/03/99	08/03/99	11/09/99	02/07/00	05/01/00	08/09/00	11/08/00	05/16/01		08/13/01	11/12/01	02/04/02	05/20/02
	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	GW-AGM5I	GW-AGM-5I	GW-AGM5I	GW-AGM5I	GW-AGM5I-DUP	GW-AGM5I	GW-AGM5I	GW-AGM5I	GW-AGM5I
Metals (µg/L)														
Aluminum	623	10.2 UJ	514	10.8 U	9.8 U	9.8 U	19.5 U	19.5 U	10.4 U	11.9 BU	10.4 U	10.4 U		
Antimony	2.3 UJ	2.3 UJ	6 U	3.6 U	3.4 U	3.6 BU	5.5 U	5.5 U	4.7 U	4.7 U	4.7 U	4.7 UJ	4.7 U	16.5 BU
Arsenic	1.2 U	3.2 BU	3.1 U	2.6 U	2.6 U	3.5 BJ	2.4 BU	1.8 U	2.2 U	2.2 U	2.2 U	2.2 U		
Barium	438	478 EJ	416 EJ	202 U	290	489 EJ	394	315	444	472	415 J	344		
Beryllium	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Cadmium	0.2 U	0.2 U	0.3 UJ	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.3 U		
Calcium	36000	43100	44400 EJ	23300	35400 U	48700 U	50800	39900	56200 U	59700 U	49400	41600		
Chromium	0.6 U	0.6 U	7.3 BJ	0.9 U	0.5 U	0.5 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U	1.2 BU	2.2 BU
Cobalt	0.6 U	0.6 U	1.3 U	1.1 U	1.2 U	1.2 U	1.9 U	1.9 U	1.6 U	1.6 U	1.6 U	1.6 U		
Copper	1.4 BU	2.5 BU	5.4 BJ	1.2 U	2 U	2 U	2.1 U	2.2 BU	2 BU	9.3 BU	1.6 U	5.9 BU		
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	2400	414	1920 EJ	6270	3890	2170	1580	2390	2310	2490	1880	2050		
Lead	1.7 BU	1.1 UJ	2.7 U	5.9	3.5	2.6 BU	4.1 U	1.7 U	3.2 U	8 U	6.7 U	2.9 BJ		
Magnesium	5280	6290	6570 EJ	6210	6240	6960 U	7530	7530	8140 U	8710 U	7420	7570		
Manganese	308	363 EJ	414 EJ	204 U	328	382	389	248	464	497	438	226 J		
Mercury	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Nickel	0.6 U	3.2 BU	6 BJ	1.3 U	1.1 U	1.1 U	26.7 U	2.1 U	1.7 U	1.7 U	1.7 U	2.1 U		
Potassium	4330 BEJ	2600 BJ	2960 BJ	3000 J	5000 BU	2920 BU	2460 BJ	3330 BEJ	3350 BEU	3580 BEU	2720 BJ	2980 J		
Selenium	1.6 UWJ	2.4 UWJ	2.4 U	1.9 UJ	1.6 BJ	1.6 U	3.6 UWNJ	2.8 U	2.2 U	2.2 U	2.2 U	1.4 UJ		
Silver	1.2 U	1.2 U	2.9 UJ	2.1 U	1.6 U	3.6 BUJ	3 U	3 UN	1.8 U	1.8 U	2.3 UJ	1.8 UJ		
Sodium	24900	17700	14700	16500	17600 U	17500 U	15000	16400	16600 U	17800 U	16300	16300		
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	5.3 BU	2 U	2 U	2.7 U	2.7 U	2.7 U	2.7 U		
Vanadium	1.2 U	1.2 U	1.2 BJ	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U		
Zinc	23.4	22.4 EJ	75.7 EJ	54.1 U	44.8 *NUJ	89.9 U	38.9	23.6	15.3 BU	45.9 U	18.3 BU	8.4 BJ		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		AGM-5I													
		11/11/02	05/12/03	11/03/03	05/17/04	11/15/04	05/16/05	10/24/05	10/24/06	01/23/07	04/24/07	07/24/07	10/23/07	01/22/08	04/22/08
		GW-AGM5I	GW-AGM5I	GW-AGM5I	GW-AGM5I	GW-AGM5I	GW-AGM5I	GW-AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I
Metals (µg/L)															
	Aluminum							10.4 U		62.6 U	86.1 B	62.6 U	62.6 U	6.44 B	69
	Antimony	5.3 U	21.8 BU	5 U	5.8 U	4.4 U	2.5 U	2.5 UNJ	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.163 B	0.052 B
	Arsenic							3.1 U		3.2 U	3.2 U	3.2 U	2.8 U	0.388 B	0.51 B
	Barium							423		441	510	180 B	482	551	535
	Beryllium							0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.025 U	0.025 U
	Cadmium							0.8 U		0.4 U	0.4 U	0.4 U	0.4 U	0.135 U	0.135 U
	Calcium							53100		57500	56000	32400	44500	52700	52300
	Chromium	1.2 U	4.4 BJ	0.8 U	1.8 BU	0.6 U	0.9 U	1.1 BJ	3 U	1.6 U	1.6 U	3.6 B	1.6 U	0.164 B	0.102 U
	Cobalt							1.9 U		1.7 U	1.7 U	1.7 B	1.7 U	0.047 B	0.093 B
	Copper							1.2 U		3.7 U	3.7 U	3.7 U	15.8 B	0.738 B	0.528 B
	Hexavalent Chromium	10 UJ	10 BNU	10 BNU	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U
	Iron							908 *J		2620	2390	8840	2140	2640	2500
	Lead							1.9 U		2.7 U	2.7 U	2.7 U	2.7 U	0.464 B	1.12 B
	Magnesium							8440		8150	7450	2720 B	7110	8250	7560
	Manganese							126		321	433	3500	197	353	410
	Mercury							0.16 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Nickel							2.3 U		2.4 U	2.4 U	2.4 U	2.4 U	0.904 U	0.904 U
	Potassium							3540 BJ		3020 B	3300 B	1350 B	3470 B	4010	3570
	Selenium							1.6 UWJ		4.2 U	4.2 U	4.2 U	4.2 U	0.1 U	0.1 U
	Silver							1.3 BJ-		1.4 U	1.4 U	1.4 U	1.4 U	0.034 U	0.034 U
	Sodium							15700 EJ		18800	21800	21700	21800	26700	23700
	Thallium							2.9 U		4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	0.112 U
	Vanadium							2 U		4.7 U	4.7 U	4.7 U	3 U	0.328 B	0.596 B
	Zinc							20 BU		6.5 B	5.8 U	5.8 U	5.8 U	6.29 B	8.07 B

		AGM-5I													
		07/23/08	10/14/08	01/27/09	04/21/09	07/21/09	10/20/09	04/22/10	10/05/10	04/18/11	10/03/11	01/17/12	04/17/12	10/03/12	01/21/13
		AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I	AGM-5I
Metals (µg/L)															
	Aluminum	23.5 B	6.94 B	77.4 U	77.4 U	200 U	200 U								
	Antimony	0.056 B	0.031 U	4.9 U	4.9 U	10 U	10 U								
	Arsenic	1.22 B	0.779 B	4.5 U	4.5 U	5 U	5 U								
	Barium	538	523	556	560	535	517								
	Beryllium	0.025 U	0.025 U	0.1 U	0.1 U	2 U	2 U								
	Cadmium	0.184 B	0.135 U	1 B	0.5 U	5 U	5 U								
	Calcium	50000	41600	55700	57200	52900	41100								
	Chromium	1.9 B	0.235 B	2.8 U	2.8 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
	Cobalt	0.037 B	0.021 U	3.5 U	3.5 U	50 U	50 U								
	Copper	12.8	9.18	3.1 U	3.1 U	25 U	25 U								
	Hexavalent Chromium	10 U	10 U	10 U	10 U	1.6 J	10 U	2.6 J	10 U	2.3 J	10 U	2.7 J	10 U	12.4	5.2 J
	Iron	1380	1130	2830	2470	2040	861								
	Lead	9.48	7.77	2.2 U	2.2 U	5 U	7.8								
	Magnesium	9200	8080	8070	8120	7800	8150								
	Manganese	252	129	334	409	254	95.1								
	Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U								
	Nickel	1.01 B	0.904 U	3.9 U	3.9 U	40 U	40 U								
	Potassium	4000	3910	3650 B	3600 B	2980 J	3450 J								
	Selenium	0.1 U	0.1 U	4.8 U	4.8 U	5 U	5 U								
	Silver	0.034 U	0.034 U	1.2 U	1.2 U	10 U	10 U								
	Sodium	24100	24600	23900	23900	22000	23200								
	Thallium	0.112 U	0.112 U	4.8 U	4.8 U	10 U	10 U								
	Vanadium	0.45 B	0.36 B	1.5 U	1.5 U	50 U	50 U								
	Zinc	22.3	9.12 B	5.8 U	5.8 U	30 U	7.7 J								

[illegible]

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Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Sample Results

		AGM-5S																	
		04/08/99	05/03/99	08/03/99	11/09/99	02/07/00	05/01/00	08/09/00	11/08/00	02/12/01	05/16/01	08/14/01	11/12/01	02/04/02	05/20/02	08/19/02	11/11/02	05/12/03	11/03/03
		AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	GW-AGM5S	GW-AGM-5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S
Metals (µg/L)																			
Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Hexavalent Chromium Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc	202	705	22.3 BJ	17.5 U	18 BJ	9.8 U	19.5 U	19.5 U	183 BJ	10.4 U	10.4 U	61.5 BU	--	--	--	--	--	--	--
	2.3 UJ	2.3 UJ	6 U	3.6 U	3.4 U	6.1 BU	5.5 U	5.5 U	8.9 BJ	4.7 U	4.7 U	4.7 UJ	4.7 U	12.6 BU	5.3 U	5.3 U	19.6 BU	5 U	
	2.5 BJ	1.2 BU	4 BJ	2.6 U	3.5 BJ	3.4 BU	2.8 BU	3.4 BJ	17.1	7.4 BR	2.2 U	4.8 BJ	--	--	--	--	--	--	--
	150 BJ	162 BEJ	135 BEJ	146 U	128 BJ	114 BEUJ	126 BJ	165 BJ	177 BJ	190 BJ	0.3 U	194 BJ	--	--	--	--	--	--	--
	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.32 BJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	--
	0.2 U	0.2 U	0.3 UJ	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.33 BJ	--	--	--	--	--	--	--
	30500	30500	24500 EJ	28200	26700 U	25500 U	25100	30000	26100	33000 U	30.2 U	30000	--	--	--	--	--	--	--
	76.4	52.2	234	66.1 U	75.8	333	45.6	89.3	644	38.2	0.9 U	32.6	9.6 BU	8.2 BU	16	19.1	9.6 BJ	5.4 B	
	0.6 U	1.4 BJ	1.4 BJ	1.6 J	1.2 U	1.2 U	1.9 BJ	1.9 U	4.5 BJ	2.6 BJ	1.6 U	4.2 BJ	--	--	--	--	--	--	--
	2.8 BJ	3.2 BU	3 BJ	1.2 U	2 U	2 U	2.1 U	2.1 U	1.6 U	1.6 U	1.6 U	1.7 BJ	--	--	--	--	--	--	--
	10 U	10 U	10 U	10 U	10 U	230	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 UJ	10 BU	10 BNU	
	6500	5980	5970 EJ	7050	7620	4080	4580	7920	27300 EJ	15900	2.8 U	11700	--	--	--	--	--	--	--
	2.7 BU	1.1 UJ	2.7 U	3.3	2.1 BJ	2.1 BU	2.4 BU	1.7 U	2 U	2.5 BU	2 U	3.8 BJ	--	--	--	--	--	--	--
	2780 BJ	2700 BJ	2380 BEJ	2420 J	2250 BJ	2160 BU	2290 BJ	2540 BJ	2500 BJ	2740 BU	5.6 U	2760	--	--	--	--	--	--	--
	2780	3290 EJ	2620 EJ	3340 U	3070	2230	2790	3390	3720	4260	0.6 U	4200 J	--	--	--	--	--	--	--
	0.2 U	0.2 U	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	--	--	--	--	--	--	--
	5.9 BJ	8.1 BU	5.4 BJ	2.1 U	40 BU	1.1 U	26.7 U	2.1 U	4.7 BU	1.7 BJ	1.7 U	2.1 U	--	--	--	--	--	--	--
	1280 BEJ	1250 BJ	1150 BJ	1240 J	5000 BU	947 BU	1230 BJ	1530 BEJ	1490 BEJ	1510 BEU	7 U	1670 J	--	--	--	--	--	--	--
	1.6 UWJ	2.4 UJ	2.4 UWJ	1.9 UJ	1.8 BJ	1.6 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	1.4 UJ	--	--	--	--	--	--	--
	1.2 U	3.6 BU	3.9 BJ	2.1 U	1.6 U	8 BUJ	3 U	3 UN	13.1 U	1.8 U	2.3 U	1.8 UJ	--	--	--	--	--	--	--
18800	15400	21200	20000	18300 U	9620 U	15900	18800	17500	18800 U	216 U	24400	--	--	--	--	--	--	--	
1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	3 BU	2 U	2 U	2.7 U	2.7 U	6.7 BJ	2.7 U	--	--	--	--	--	--	--	
1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	--	--	--	--	--	--	--	
42.1	90.2 EJ	85.5 EJ	64.6 U	23.7 *NUJ	9.2 BU	6.4 BU	7 BJ	9.5 BU	34.1 U	10.5 BU	3.3 BJ	--	--	--	--	--	--	--	

Notes:

ug/L - micrograms/liter mg/L - milligrams/liter

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

	AGM-5S																
	05/17/04	11/15/04	05/16/05	10/24/05	10/24/06	01/23/07	04/24/07	07/24/07	10/23/07	01/22/08	04/22/08	07/23/08	10/14/08	01/27/09	04/21/09	07/21/09	10/20/09
	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM-5S	AGM-5S_14	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-55	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S
Metals (µg/L)																	
Aluminum	--	--	--	10.4 U	--	62.6 U	62.6 U	62.6 U	135 B	51.2	27.6 B	8.3 B	361	77.4 U	77.4 U	1030	267
Antimony	5.8 U	4.4 U	2.5 U	2.5 UNJ	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.224 B	0.054 B	0.045 B	0.031 U	4.9 U	4.9 U	10 U	10 U
Arsenic	--	--	--	7 BJ	--	9.1	3.2 U	3.2 U	2.8 U	14.5	2.18 B	4.09	14.9	7.9	9.2	91.8	13.7
Barium	--	--	--	171 BJ	--	147 B	143 B	533	183 B	181	143	191	224	227	214	431	255
Beryllium	--	--	--	0.4 U	--	0.3 U	0.3 U	0.3 U	0.3 U	0.056 B	0.025 U	0.025 U	0.038 B	0.1 U	0.1 U	2 U	2 U
Cadmium	--	--	--	0.8 U	--	0.4 U	0.4 U	0.4 U	0.4 U	0.22 B	0.135 U	0.135 U	0.274 B	0.5 U	0.5 U	5 U	5 U
Calcium	--	--	--	29400	--	31900	30500	56100	34000	34400	35600	34900	37700	42500	41300	40100	40600
Chromium	6.4 BJ	7.1 BU	2.6 BJ	64.4	21.1	34.2	12.6	1.6 U	2.8 B	53.7	2.92 B	7.09	72.9	24.3	27.8	1050	88
Cobalt	--	--	--	1.9 U	--	1.7 U	1.7 U	1.7 U	1.7 U	1.36 B	0.505 B	1.45 B	1.9 B	3.5 U	3.5 U	50 U	50 U
Copper	--	--	--	1.2 U	--	3.7 U	3.7 U	3.7 U	3.7 U	1.74 B	0.992 B	0.418 B	3.27 B	3.1 U	3.1 U	19.9 J	10.8 J
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	20 U	10 U	10 U	10 U	20 U	20 U	500 U	10 U
Iron	--	--	--	13200 *J	--	14000	3810	2290	8720	29800	5600	10600	18600	21900	19600	182000	21400
Lead	--	--	--	1.9 U	--	2.7 U	2.7 U	2.7 U	2.7 U	0.189 B	0.086 B	0.094 B	0.619 B	2.2 U	2.2 U	4.3 J	12.7
Magnesium	--	--	--	2390 BJ	--	2280 B	2200 B	7490	2880 B	3200	2860	3900	4030	3750 B	3610 B	3510 J	3490 J
Manganese	--	--	--	3320	--	3510	3310	437	3620	3950	2230	3960	4020	4700	4530	4490	4670
Mercury	--	--	--	0.16 U	--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U
Nickel	--	--	--	2.3 U	--	2.4 U	2.4 U	2.4 U	2.4 U	1.51 B	0.904 U	1.12 B	19.4	3.9 U	3.9 U	5.3 J	40 U
Potassium	--	--	--	1950 BJ	--	1160 B	904 B	3590 B	1640 B	1390	988	1610	1610	1550 B	1380 B	2280 J	1390 J
Selenium	--	--	--	1.6 U	--	4.2 U	4.2 U	4.2 U	4.2 U	0.1 U	0.1 U	0.1 U	0.1 U	4.8 U	4.8 U	5 U	5 U
Silver	--	--	--	4.3 BJ-	--	1.4 U	1.4 U	1.4 U	1.4 U	0.034 U	0.034 U	0.034 U	0.034 U	1.2 U	1.2 U	10 U	1.8 J
Sodium	--	--	--	18600 EJ	--	16600	13400	23400	22800	22400	16700	25700	24800	26300	24400	23800	24200
Thallium	--	--	--	2.9 U	--	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	0.112 U	0.112 U	0.112 U	4.8 U	4.8 U	10 U	10 U
Vanadium	--	--	--	2 U	--	4.7 U	4.7 U	4.7 U	3 U	0.558 B	0.615 B	0.552 B	0.938 B	1.5 U	1.5 U	8.7 J	50 U
Zinc	--	--	--	20 BU	--	6.6 B	5.8 U	5.8 U	5.8 U	4.88 B	5.26 B	4.49 B	15 B	5.8 U	5.8 U	6.8 J	30 U

	AGM-5S																	
	04/22/10	10/05/10	04/18/11	10/03/11	01/17/12	04/17/12	10/03/12	01/21/13	04/24/13	10/16/13	01/22/14	04/22/14	10/7/14	04/28/15	10/13/15	01/18/16	04/05/16	10/11/16
	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S
Metals (µg/L)																		
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	28.3	49.4	7.6 J	10 U	15.5	17.9	78.7	9.9 J	20.8	21.3	5.3 J	37.5	130	20.7	33.4 B	24.2	6.1 J	28.7
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	20 U	10 U	34.4 J	10 U	10 U	10 U	10 U	7.3 J	20 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	AGM-5S														
	04/19/17	10/17/17	4/17/18	10/18/18	1/23/19	4/15/19	10/24/19	4/16/20	10/15/20	10/27/20	1/13/21	4/13/21	10/12/21	4/13/22	10/12/22
	AGM 5S	AGM 5S	AGM 5S	AGM-5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S	AGM 5S
Metals (µg/L)															
Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Antimony	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arsenic	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Beryllium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Calcium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	57.5	365	206	37.2	249	218	61	136	--	--	10 U	89	12.3	23	15.8
Cobalt	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hexavalent Chromium	10 U	500 U	100 U	10 U	100 U	100 U	38.1	50 U	10 UH	10 U	49.5	50	10 U	20 U	10 U
Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nickel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Potassium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Selenium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Thallium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vanadium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Zinc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

AGM-5S														
	04/08/99	05/03/99	08/03/99	11/09/99	02/07/00	05/01/00	08/09/00	11/08/00	02/12/01	05/16/01	08/14/01	11/12/01	02/04/02	05/20/02
	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	GW-AGM5S	GW-AGM-5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S
Metals (µg/L)														
Aluminum	202	705	22.3 BJ	17.5 U	18 BJ	9.8 U	19.5 U	19.5 U	183 BJ	10.4 U	10.4 U	61.5 BU		
Antimony	2.3 UJ	2.3 UJ	6 U	3.6 U	3.4 U	6.1 BU	5.5 U	5.5 U	8.9 BJ	4.7 U	4.7 U	4.7 UJ	4.7 U	12.6 BU
Arsenic	2.5 BJ	1.2 BU	4 BJ	2.6 U	3.5 BJ	3.4 BU	2.8 BU	3.4 BJ	17.1	7.4 BR	2.2 U	4.8 BJ		
Barium	150 BJ	162 BEJ	135 BEJ	146 U	128 BJ	114 BEUJ	126 BJ	165 BJ	177 BJ	190 BJ	0.3 U	194 BJ		
Beryllium	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.32 BJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Cadmium	0.2 U	0.2 U	0.3 UJ	0.4 U	0.4 U	0.4 U	3.1 U	3.1 U	0.3 U	0.3 U	0.3 U	0.33 BJ		
Calcium	30500	30500	24500 EJ	28200	26700 U	25500 U	25100	30000	26100	33000 U	30.2 U	30000		
Chromium	76.4	52.2	234	66.1 U	75.8	333	45.6	89.3	644	38.2	0.9 U	32.6	9.6 BU	8.2 BU
Cobalt	0.6 U	1.4 BJ	1.4 BJ	1.6 J	1.2 U	1.2 U	1.9 BJ	1.9 U	4.5 BJ	2.6 BJ	1.6 U	4.2 BJ		
Copper	2.8 BJ	3.2 BU	3 BJ	1.2 U	2 U	2 U	2.1 U	2.1 U	1.6 U	1.6 U	1.6 U	1.7 BJ		
Hexavalent	10 U	10 U	10 U	10 U	10 U	230	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Iron	6500	5980	5970 EJ	7050	7620	4080	4580	7920	27300 EJ	15900	2.8 U	11700		
Lead	2.7 BU	1.1 UJ	2.7 U	3.3	2.1 BJ	2.1 BU	2.4 BU	1.7 U	2 U	2.5 BU	2 U	3.8 BJ		
Magnesium	2780 BJ	2700 BJ	2380 BEJ	2420 J	2250 BJ	2160 BU	2290 BJ	2540 BJ	2500 BJ	2740 BU	5.6 U	2760		
Manganese	2780	3290 EJ	2620 EJ	3340 U	3070	2230	2790	3390	3720	4260	0.6 U	4200 J		
Mercury	0.2 U	0.2 U	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U		
Nickel	5.9 BJ	8.1 BU	5.4 BJ	2.1 U	40 BU	1.1 U	26.7 U	2.1 U	4.7 BU	1.7 BJ	1.7 U	2.1 U		
Potassium	1280 BEJ	1250 BJ	1150 BJ	1240 J	5000 BU	947 BU	1230 BJ	1530 BEJ	1490 BEJ	1510 BEU	7 U	1670 J		
Selenium	1.6 UWJ	2.4 UJ	2.4 UWJ	1.9 UJ	1.8 BJ	1.6 U	3.6 UNJ	2.8 U	2.2 U	2.2 U	2.2 U	1.4 UJ		
Silver	1.2 U	3.6 BU	3.9 BJ	2.1 U	1.6 U	8 BUJ	3 U	3 UN	13.1 U	1.8 U	2.3 U	1.8 UJ		
Sodium	18800	15400	21200	20000	18300 U	9620 U	15900	18800	17500	18800 U	216 U	24400		
Thallium	1.1 UJ	1.1 U	3.9 U	3.7 U	2.3 U	3 BU	2 U	2 U	2.7 U	2.7 U	6.7 BJ	2.7 U		
Vanadium	1.2 U	1.2 U	1.1 U	1.1 U	1 U	1 U	1.6 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U		
Zinc	42.1	90.2 EJ	85.5 EJ	64.6 U	23.7 *NUJ	9.2 BU	6.4 BU	7 BJ	9.5 BU	34.1 U	10.5 BU	3.3 BJ		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		AGM-5S													
		08/19/02	11/11/02	05/12/03	11/03/03	05/17/04	11/15/04	05/16/05	10/24/05	10/24/06	01/23/07	04/24/07	07/24/07	10/23/07	01/22/08
		GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM5S	GW-AGM-5S	AGM-5S_14	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-55
Metals (µg/L)															
	Aluminum								10.4 U		62.6 U	62.6 U	62.6 U	135 B	51.2
	Antimony	5.3 U	5.3 U	19.6 BU	5 U	5.8 U	4.4 U	2.5 U	2.5 UNJ	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.224 B
	Arsenic								7 BJ		9.1	3.2 U	3.2 U	2.8 U	14.5
	Barium								171 BJ		147 B	143 B	533	183 B	181
	Beryllium								0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.056 B
	Cadmium								0.8 U		0.4 U	0.4 U	0.4 U	0.4 U	0.22 B
	Calcium								29400		31900	30500	56100	34000	34400
	Chromium	16	19.1	9.6 BJ	5.4 B	6.4 BJ	7.1 BU	2.6 BJ	64.4	21.1	34.2	12.6	1.6 U	2.8 B	53.7
	Cobalt								1.9 U		1.7 U	1.7 U	1.7 U	1.7 U	1.36 B
	Copper								1.2 U		3.7 U	3.7 U	3.7 U	3.7 U	1.74 B
	Hexavalent	10 U	10 UJ	10 BU	10 BNU	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	20 U
	Iron								13200 *J		14000	3810	2290	8720	29800
	Lead								1.9 U		2.7 U	2.7 U	2.7 U	2.7 U	0.189 B
	Magnesium								2390 BJ		2280 B	2200 B	7490	2880 B	3200
	Manganese								3320		3510	3310	437	3620	3950
	Mercury								0.16 U		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Nickel								2.3 U		2.4 U	2.4 U	2.4 U	2.4 U	1.51 B
	Potassium								1950 BJ		1160 B	904 B	3590 B	1640 B	1390
	Selenium								1.6 U		4.2 U	4.2 U	4.2 U	4.2 U	0.1 U
	Silver								4.3 BJ-		1.4 U	1.4 U	1.4 U	1.4 U	0.034 U
	Sodium								18600 EJ		16600	13400	23400	22800	22400
	Thallium								2.9 U		4.7 U	4.7 U	4.7 U	1.9 U	0.112 U
	Vanadium								2 U		4.7 U	4.7 U	4.7 U	3 U	0.558 B
	Zinc								20 BU		6.6 B	5.8 U	5.8 U	5.8 U	4.88 B

		AGM-5S													
		04/22/08	07/23/08	10/14/08	01/27/09	04/21/09	07/21/09	10/20/09	04/22/10	10/05/10	04/18/11	10/03/11	01/17/12	04/17/12	10/03/12
		AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S	AGM-5S
Metals (µg/L)															
	Aluminum	27.6 B	8.3 B	361	77.4 U	77.4 U	1030	267							
	Antimony	0.054 B	0.045 B	0.031 U	4.9 U	4.9 U	10 U	10 U							
	Arsenic	2.18 B	4.09	14.9	7.9	9.2	91.8	13.7							
	Barium	143	191	224	227	214	431	255							
	Beryllium	0.025 U	0.025 U	0.038 B	0.1 U	0.1 U	2 U	2 U							
	Cadmium	0.135 U	0.135 U	0.274 B	0.5 U	0.5 U	5 U	5 U							
	Calcium	35600	34900	37700	42500	41300	40100	40600							
	Chromium	2.92 B	7.09	72.9	24.3	27.8	1050	88	28.3	49.4	7.6 J	10 U	15.5	17.9	78.7
	Cobalt	0.505 B	1.45 B	1.9 B	3.5 U	3.5 U	50 U	50 U							
	Copper	0.992 B	0.418 B	3.27 B	3.1 U	3.1 U	19.9 J	10.8 J							
	Hexavalent	10 U	10 U	10 U	20 U	20 U	500 U	10 U	20 U	10 U	34.4 J	10 U	10 U	10 U	10 U
	Iron	5600	10600	18600	21900	19600	182000	21400							
	Lead	0.086 B	0.094 B	0.619 B	2.2 U	2.2 U	4.3 J	12.7							
	Magnesium	2860	3900	4030	3750 B	3610 B	3510 J	3490 J							
	Manganese	2230	3960	4020	4700	4530	4490	4670							
	Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U							
	Nickel	0.904 U	1.12 B	19.4	3.9 U	3.9 U	5.3 J	40 U							
	Potassium	988	1610	1610	1550 B	1380 B	2280 J	1390 J							
	Selenium	0.1 U	0.1 U	0.1 U	4.8 U	4.8 U	5 U	5 U							
	Silver	0.034 U	0.034 U	0.034 U	1.2 U	1.2 U	10 U	1.8 J							
	Sodium	16700	25700	24800	26300	24400	23800	24200							
	Thallium	0.112 U	0.112 U	0.112 U	4.8 U	4.8 U	10 U	10 U							
	Vanadium	0.615 B	0.552 B	0.938 B	1.5 U	1.5 U	8.7 J	50 U							
	Zinc	5.26 B	4.49 B	15 B	5.8 U	5.8 U	6.8 J	30 U							

[illegible]

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Results

	BATHTUB SEEP													
	05/26/99	04/06/00		07/12/00	03/12/08	03/25/08	05/17/12	10/18/13	04/28/15	10/13/15	01/20/16	04/27/17	01/12/18	04/23/18
	SEEP-BT	SE-BT040600	SE-BTD040600	SEEP-BT	BathtubSeep	Bathtub_Seep	Bath Tub Seep	Bath tub	BATHTUB SEEP	BATHTUB SEEP	Bathtub Seep	Bathtub Seep	Bathtub Seep	Bathtub Seep

Metals (µg/L)														
Aluminum	179 J	26.1 BJ	9.8 UJ	224										
Antimony	58.3 J	42 BJ	42.5 BJ	71.9										
Arsenic	1.2 U	2.6 U	2.6 U	1.8 U										
Barium	77.3 J	33.9 BJ	32.1 BJ	95 BJ										
Beryllium	0.1 U	0.1 U	0.1 U	0.2 U										
Cadmium	0.2 U	0.4 U	0.4 U	3.1 U										
Calcium	29700	14100	13800	28700										
Chromium	4710	3030 NJ	2910 NJ	4350	1790		949	1420	870	826 B	1460	1200	1660	649
Cobalt	0.6 U	1.2 U	1.2 U	1.9 U										
Copper	25 U	2 U	2.8 BJ	2.6 BJ										
Hexavalent	4100	2800	2700	3900	1170	1450	902	1240	681 HR	608	1080	1090	1740	469
Iron	250	66.9 BN*J	15.4 BN*UJ	466										
Lead	1.1 U	1.5 U	1.5 U	4										
Magnesium	4000 J	1940 BJ	1900 BJ	4130 BJ										
Manganese	87.7	19.8 J	9.7 BJ	497										
Mercury	0.2 U	0.2 U	0.2 U	0.2 U										
Nickel	3.5 J	1.2 BJ	1.1 U	5.7 BJ										
Potassium	2090 J	1000 BJ	916 BJ	2000 BJ										
Selenium	2.4 UJ	1.6 U	1.6 U	3.6 UWJ										
Silver	60.4	36.5	35.8	9.9 U										
Sodium	35800	17400	17100	29500										
Thallium	1.1 U	3.6 BJ	4.1 BJ	2 U										
Vanadium	1.2 U	1 U	1 U	1.6 U										
Zinc	36.8 J	4.6 BJ	3.6 U	50.6										

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

BATHTUB SEEP				
11/01/18	01/24/19	04/17/19	10/17/19	04/13/21
Bathtub Seep	Bathtub Seep	Bathtub Seep	Bathtub Seep	Bathtub Seep

Metals (µg/L)				
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium	1640	1130	769	345
Cobalt				
Copper				
Hexavalent	934	982	719	10 UH
Iron				
Lead				
Magnesium				
Manganese				
Mercury				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Thallium				
Vanadium				
Zinc				

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

BRP-1														
	04/18/78	04/24/78	05/18/78	06/26/78	07/19/78	08/22/78	08/28/78	09/22/78	12/20/78	01/22/79	04/23/79	05/31/79	06/25/79	07/26/79
	PN-11	STATION 2	PN-11	STATION 2	STATION 2	PN-11	STATION 2	PN-11	STATION 2	STATION 2	STATION 2	STATION 2	STATION 2	STATION 2

Metals (µg/L)														
Aluminum														
Antimony														
Arsenic														
Barium														
Beryllium														
Cadmium														
Calcium														
Chromium		3800		160	90	10 U	30	40	100	480	780	350	110	70
Cobalt														
Copper														
Hexavalent Chromium	1800	3500	500	10 U	10 U		10 U		10	300	600	90	1 U	10 U
Iron														
Lead														
Magnesium														
Manganese														
Mercury														
Nickel														
Potassium														
Selenium														
Silver														
Sodium														
Thallium														
Vanadium														
Zinc														
Wet Chem (mg/L)														
Sulfate														
Sulfide														

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

[illegible]

[illegible]

[illegible]

[illegible]

		BRP-1													
		01/27/09	04/21/09	07/22/09	10/21/09	04/20/10	11/04/10	12/03/10	01/19/11	04/20/11	10/06/11	11/18/11	01/17/12	04/18/12	09/19/12
		BRP-1	BRP-1	BRP -1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	DRP-1	BRP-1	BRP-1	BRP-1	BRP-1
Metals (µg/L)															
	Aluminum	77.4 U	77.4 U	200 U	562										
	Antimony	4.9 U	4.9 U	10 U	10 U										
	Arsenic	5.2	4.5 U	5 U	5 U										
	Barium	185 B	90 B	195 J	218										
	Beryllium	0.1 U	0.1 U	2 U	2 U										
	Cadmium	0.5 U	0.5 U	5 U	5 U										
	Calcium	52000	34200	41700 B	48600										
	Chromium	9 B	11.1	10 U	5.4 J	9.6 J	10 U		4.1 J	6.3 J	3.8 J		26.4	4.7 J	
	Cobalt	3.5 U	3.5 U	50 U	50 U										
	Copper	23.9 B	3.1 U	25 U	19.9 J										
	Hexavalent	10 U	10 U	10 U	10 U	7.2 J	1.6 J	1.9 J	3.2 J	3.7 J	10 U	3.9 J	2.7 J	2.7 J	10 U
	Iron	59.1 B	39.7 U	69.7 J	4230										
	Lead	2.2 U	2.2 U	5 U	8.9										
	Magnesium	6130	4340 B	5460	5950										
	Manganese	30.9	8.5 B	58.6	1280										
	Mercury	0.1 U	0.1 U	0.2 U	0.2 U										
	Nickel	3.9 U	3.9 U	40 U	40 U										
	Potassium	3340 B	2440 B	2550 J	2920 J										
	Selenium	4.8 U	4.8 U	5 U	5 U										
	Silver	1.2 U	1.2 U	10 U	10 U										
	Sodium	31300	19100	27300	27000										
	Thallium	4.8 U	4.8 U	10 U	10 U										
	Vanadium	1.5 U	1.5 U	50 U	50 U										
	Zinc	20.1 B	5.8 U	30 U	14 J										
Wet Chem (mg/L)															
	Sulfate						19	26				22.1			14.1
	Sulfide						1 U	1 U				1 U			1 U

		BRP-1													
		11/14/12	04/24/13	07/15/13	09/18/13	10/18/13	11/14/13	02/04/14	02/11/14	04/24/14	07/23/14	10/13/14	01/21/15	04/21/15	07/23/15
		BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1
Metals (µg/L)															
	Aluminum														
	Antimony														
	Arsenic														
	Barium														
	Beryllium														
	Cadmium														
	Calcium														
	Chromium	10 U	5.8 J	10 U		10 U		10 U	5.6 J	10 U	10 U	10 U		10 U	10 U
	Cobalt														
	Copper														
	Hexavalent Chromium	2.7 J	10 U	7.3 J	10 U	10 U	10 U		10 U	10 U	4.3 J	10 U	10 U	10 U	10 U
	Iron														
	Lead														
	Magnesium														
	Manganese														
	Mercury														
	Nickel														
	Potassium														
	Selenium														
	Silver														
	Sodium														
	Thallium														
	Vanadium														
	Zinc														
Wet Chem (mg/L)															
	Sulfate	14.5			7.4	7.9	11.7								
	Sulfide	1 U			1 U	1 U	1 U								

		BRP-1							
		10/16/15	11/20/15	01/20/16	04/13/16	07/11/16	10/17/16	10/09/20	10/12/20
		BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1	BRP-1
Metals (µg/L)									
	Aluminum								
	Antimony								
	Arsenic								
	Barium								
	Beryllium								
	Cadmium								
	Calcium								
	Chromium	10 U^		10 U	6.3 J	10 J	10 U	10 U	
	Cobalt								
	Copper								
	Hexavalent Chromium	10 U	10 U	10 U	10 U	5.1 U	10 U	10 U	10 U
	Iron								
	Lead								
	Magnesium								
	Manganese								
	Mercury								
	Nickel								
	Potassium								
	Selenium								
	Silver								
	Sodium								
	Thallium								
	Vanadium								
	Zinc								
Wet Chem (mg/L)									
	Sulfate	7.4	10.1					4.7 J	
	Sulfide	0.1 U	1 U					1 U	1 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

FRENCH DRAIN SUMP														
	07/26/07	12/20/07	01/29/08	02/27/08	03/25/08	05/19/08	06/25/08	07/22/08	08/25/08	09/11/08	09/26/08	11/25/08	12/18/08	01/27/09
	FrenchDrain_Sump	FrenchDrain_Sump	French_Drain_Sum	French_Drain_Sum	French_Drain_Sum	FrenchDrain_Sump	French_Drainsum	French_Drain_Sum	French_Drain_Sum	FrenchDrain_Sump	FrenchDrain_Sump	French_Drain_Sum	French_Drain_Sum	FRENCHDRAIN_SUMP
				p	p		p	p	p			p	p	
Metals (µg/L)														
Aluminum	61700													
Antimony	5.8 U													
Arsenic	16.6													
Barium	218													
Beryllium	7.4													
Cadmium	3.7 B													
Calcium	147000													
Chromium	3490	882	97.8	2220	39.3	172	1420	3330	1380	258	5290	140	288	263
Cobalt	110													
Copper	110													
Hexavalent Chromium	50 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	100 U	10 U	200 U	10 U	10 U	10 U
Iron	84300													
Lead	69.8													
Magnesium	24900													
Manganese	100000													
Mercury	0.72													
Nickel	261													
Potassium	3690 B													
Selenium	4.2 U													
Silver	1.5 B													
Sodium	92500													
Thallium	9.4 U													
Vanadium	27.2 B													
Zinc	498													

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		FRENCH DRAIN SUMP													
		02/25/09	04/21/09	04/27/09	07/22/09	10/22/09	01/25/10	04/20/10	02/22/11	04/20/11	07/19/11	12/20/11	01/18/12	05/17/12	01/24/13
		FrenchDrain_Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain	French Drain Sump	French Drain Sump	French Drain Sumps
Metals (µg/L)															
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Cadmium															
Calcium															
Chromium		1780	171		580	195	105	1090	36.1	115	19.3	23.3	52.5	33.2	110
Cobalt															
Copper															
Hexavalent Chromium		14.6	1.7 JHR	6.9 J	8.3 J	5.3 J	7.1 J	10 U	4.4 J	14.4	10 U	17.3	37	16.7	18.5
Iron															
Lead															
Magnesium															
Manganese															
Mercury															
Nickel															
Potassium															
Selenium															
Silver															
Sodium															
Thallium															
Vanadium															
Zinc															

		FRENCH DRAIN SUMP													
		05/06/13	10/17/13	01/23/14	10/10/14	05/01/15	10/14/15	11/06/15	10/18/16	04/27/17	10/11/17	10/31/18	01/24/19	04/19/19	10/23/19
		French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump
Metals (µg/L)															
Aluminum															
Antimony															
Arsenic															
Barium															
Beryllium															
Cadmium															
Calcium															
Chromium		212	32.8	23.2	149	109	4210	171	2380	32.4	6 J	16.4	54	27.6	44.8
Cobalt															
Copper															
Hexavalent Chromium		22.7	10 U	20.4	50 U	23.9	20 UHR	15.1	50 U	25.6	4.9 J	11	28	15.4	10 U
Iron															
Lead															
Magnesium															
Manganese															
Mercury															
Nickel															
Potassium															
Selenium															
Silver															
Sodium															
Thallium															
Vanadium															
Zinc															

FRENCH DRAIN SUMP							
	04/28/20	10/15/20	04/14/21	10/20/21	04/22/22	10/18/22	04/27/23
	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump	French Drain Sump
Metals (µg/L)							
Aluminum							
Antimony							
Arsenic							
Barium							
Beryllium							
Cadmium							
Calcium							
Chromium	36.8 HJ		454	10 U	40.3	22.5	35.8
Cobalt							
Copper							
Hexavalent Chromium		10 U	9.8 J	10 U	29.8	14.4	37.6
Iron							
Lead							
Magnesium							
Manganese							
Mercury							
Nickel							
Potassium							
Selenium							
Silver							
Sodium							
Thallium							
Vanadium							
Zinc							

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-10I													
		05/13/10	06/22/10	10/07/10	01/11/11	04/21/11	10/05/11	01/18/12	04/19/12	10/04/12	04/23/13	10/15/13	04/23/14	10/08/14	04/30/15
		MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I
Metals (µg/L)															
Chromium		2570	5590	5490	4900	4590	3630	2570	494	3020	1370	133	154	478	662
Hexavalent Chromium		2120	5940	3310	5140	4010	2040	1890	5000 U	2210	100 U	20 U	1000 U	50 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		MW-10I													
		10/13/15	01/21/16	04/05/16	10/18/16	04/20/17	10/10/17	04/10/18	10/24/18	04/23/19	10/24/19	04/23/20	10/13/20	04/21/21	10/19/21
		MW-10I	MW-10I	MW-10 I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I	MW-10I
Metals (µg/L)															
	Chromium	34.6	612	110	139	1500	173	124	205	103	96.8	190		393	49.2
	Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	50 U	20 U	10 U

		MW-10I			
		04/21/22	10/19/22	04/26/23	10/24/23
		MW-10I	MW-10I	MW-10I	MW-10I
Metals (µg/L)					
	Chromium	56	120	29.2	17.2
	Hexavalent Chromium	10 UHJ-	20 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-10S													
		05/13/10	06/22/10	10/07/10	11/19/10	12/15/10	12/20/10	01/11/11	04/21/11	10/05/11	01/18/12	04/19/12	10/04/12	04/23/13	10/15/13
		MW-10S	MW-10S	MW-105	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S	MW-10S
Metals (µg/L)															
Chromium		3140	3190	4150				2770	681	4930	908	53.2	1830	237	225
Hexavalent Chromium		3310	3700	3870	6980	5720	2650	2810 HJ-	557	4940	786	10 U	1460	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

[illegible]

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-11I													
	09/07/12	10/04/12	01/23/13	04/23/13	10/15/13	04/23/14	10/08/14	04/30/15	10/13/15	01/21/16	04/04/16	10/17/16	04/20/17	10/10/17
	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I
Metals (µg/L)														
Chromium	317	263	101	253	606	537	163	185	684	223	339	118	138	354
Hexavalent Chromium	58.4	15.1	3.4 J	128	113	50 U	20 U	7.8 J	50 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		MW-11I											
		04/10/18	10/24/18	04/23/19	10/24/19	04/23/20	10/13/20	04/21/21	10/11/21	04/21/22	10/14/22	04/26/23	10/23/23
		MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11I	MW-11 I	MW-11I	MW-11I
Metals (µg/L)													
	Chromium	64.4	76.9	57.3	70.9	164		117	71.2	42.4	46.1	52.6	41.3
	Hexavalent Chromium	10 U	10 U	10 U	18.4	20 U	18.7 J	10 U	13.7	12.3	10 U	20.4	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-11S													
	10/05/11	01/18/12	04/19/12	10/04/12	01/23/13	04/23/13	10/15/13	04/23/14	10/08/14	04/30/15	10/13/15	01/21/16	04/04/16	10/17/16
	MW-11S	MW-11S	MW-115	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S	MW-11S
Metals (µg/L)														
Chromium	222	1640	962	1760	572	833	1070	80.2	10 U	23.5	368	209	58.9	379
Hexavalent Chromium	185	1310	400 U	313	485	238	625	50 U	10 U	10 U	50 U	10 U	10 U	20 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Note

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-12I													
		10/07/11	04/19/12	10/04/12	04/23/13	04/23/14	10/08/14	04/30/15	10/14/15	01/21/16	04/05/16	10/18/16	04/20/17	10/10/17	04/23/18
		MW-12I	MW-12I	MW-12I	MW-12I	MW-12I	MW-12I	MW-12I	MW-12I	MW-12I	MW-12 I	MW-12I	MW-12I	MW-12I	MW-12I
Metals (µg/L)															
Chromium		612	2380	84	104	70.1	1190	433	307	85	39.5	145	517	132	1030
Hexavalent Chromium		628	1780	20.3	12.8	10 U	50 U	20 U	20 U	10 UF1	10 U	10 U	10 U	10 U	100 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

		MW-12I						
		04/23/20	04/19/21	10/19/21	04/21/22	10/19/22	04/26/23	10/24/23
		MW-12I	MW-12I	MW-12I	MW-12I	MW-12I	MW-12I	MW-12I
Metals (µg/L)								
Chromium		134	45.1	304	17.9	11.6	55.9	58
Hexavalent Chromium		20 U	10 U	20 U	10 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-12S													
		10/07/11	01/18/12	04/19/12	08/15/12	10/04/12	04/23/13	04/23/14	10/08/14	04/30/15	10/14/15	01/21/16	04/05/16	10/18/16	04/20/17
		MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S	MW-12S
Metals (µg/L)															
Chromium		1610	45.7	330	48.8	30.7	53.6	138	83.3	15.3	37.5	96.3	22.8	32.7	22.1
Hexavalent Chromium		1530	10 U	100 U	10 U	2.7 J	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	4.8 J

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-13S											
		10/07/11	01/19/12	04/18/12	10/09/12	06/12/13	02/03/14	04/27/15	04/26/17	04/18/18	04/28/20	04/21/22	04/25/23
		MW-13S	MW-13S	MW-13S	OMW-13S	MW-13S	MW-13S	MW-13S	MW 13S	MW-13S	MW-13S	MW-13S	MW-13S
Metals (µg/L)													
Chromium		65.5	14.8	30.8	29.5	64.5	81	35.8	134	30		6 J	13.9
Hexavalent Chromium		10 U	10 U	10 U	10 U	3.6 J	50 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-14S													
	10/06/11	01/19/12	04/19/12	10/03/12	04/24/13	10/17/13	01/22/14	04/22/14	10/07/14	04/28/15	10/13/15	01/19/16	04/06/16	10/11/16
	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14s	MW-14S
Metals (µg/L)														
Chromium	855	842	930	1180	809	1110	706	519	563	506	800 B	730	644	524
Hexavalent Chromium	804	842	927	1030	685	982	714	506	479	338	702	586	609	465

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		MW-14S																
		04/19/17	10/17/17	01/11/18	04/17/18	10/22/18	01/23/19	04/17/19	07/17/19	10/17/19	01/13/21	04/12/21	10/13/21	04/13/22	10/11/22	04/19/23	10/17/23	10/24/23
		MW 14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S	MW-14S
Metals (µg/L)																		
	Chromium	451	752	775	442	135	323	295	376	413	9.7 J	10.2	13.9	7.3 J	15.9	70.7	10	8.7 J
	Hexavalent Chromium	390	65.6	734	337	117	284	306	318	360	10 U	10 U	10 U	10 U	10 U	42.8	10	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-15S													
		09/06/12	10/03/12	04/24/13	10/17/13	01/22/14	04/22/14	10/07/14	04/28/15	10/13/15	01/19/16	04/06/16	10/11/16	04/19/17	10/17/17
		MW-15S	MW-15S	MW-15S	MW-15 S	MW-15S	MW-15S	MW-15S	MW-15	MW-15S	MW-15S	MW-15s	MW-15S	MW 15S	MW-15S
Metals (µg/L)															
Chromium		946	815	453	627	325	272	664	263	796 B	377	358	728	297	689
Hexavalent Chromium		1060	779	409	313	405	278	682	241 HR	702	700	362	801	220	605

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		MW-15S													
		01/11/18	04/17/18	10/22/18	01/23/19	04/17/19	10/22/19	04/16/20	01/12/21	04/12/21	10/13/21	04/13/22	10/12/22	04/19/23	10/18/23
		MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15S	MW-15s	MW-15S	MW-15S
Metals (µg/L)															
	Chromium	663	320	31.5	24.7	26.7	18.6	257	361	38.8	109	132	20.6	34.4	61.8
	Hexavalent Chromium	599	248	4.2 J	10 U	10 U	8.1 J	20 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-16S												
	09/06/12	06/11/13	04/29/15	10/12/15	04/12/18	10/22/19	04/21/20	04/14/21	04/14/22	10/17/22	04/20/23	10/19/23
	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW - 16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S
Metals (µg/L)												
Chromium	186	26.6	32.2	248 B	52.1	23.5	21.7	33.9	10 U	56.2	10.1	10 U
Hexavalent Chromium	20 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-17S					
	09/06/12	04/12/18	10/14/21	04/20/23	10/19/23
	MW-17S	MW-17S	MW-17S	MW-17S	MW-17S
Metals (µg/L)					
Chromium	488	52.6	37	8.6 J	11.6
Hexavalent Chromium	481	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-18I													
		09/05/12	10/11/12	01/23/13	09/04/13	10/18/13	10/17/16	04/10/18	10/24/18	04/23/19	10/24/19	04/23/20	10/13/20	04/21/21	10/11/21
		MW-18I	MW-18I	MW-18I	MW-18I	MW-18J	MW-18I	MW-18I	MW-18I	MW-18I	MW-18I	MW-18I	MW-18I	MW-18I	MW-18I
Metals (µg/L)															
Chromium		2040	485	1360	112	13.2	171	308	89.6	82.6	196	132		7.1 J	101
Hexavalent Chromium		214	6.9 J	5.5 J	67.1	24.2	50 U	10 U	10 U	20 U	10 U	50 U	200 U	50 U	20 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		MW-18I			
		04/21/22	10/14/22	04/26/23	10/26/23
		MW-18I	MW-18I	MW-18I	MW-18I
Metals (µg/L)					
	Chromium	10 U	10.5	27.7	10 U
	Hexavalent Chromium	10 UHJ-	50 U	10 U	30

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-18S													
		09/07/12	10/11/12	01/23/13	09/04/13	10/15/13	10/10/14	04/30/15	01/27/16	04/05/16	10/17/16	04/20/17	04/10/18	10/24/18	01/25/19
		MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S	MW-18S
Metals (µg/L)															
Chromium		1360	1530	1580	1590	1790	16.1	36.1	12.1	23.9	24.7	33.6	30.3	24	10.2
Hexavalent Chromium		1500	1340	1200	1780	1710	10.7	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-19I				
		09/05/12	10/11/12	04/24/20	04/21/22	04/25/23
		MW-19I	MW-19I	MW-19I	MW-19I	MW-19I
Metals (µg/L)						
Chromium		3050	1230	10.5	29.1	62.4
Hexavalent Chromium		3770	921	50 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-19S											
	09/05/12	10/11/12	06/12/13	10/10/14	05/01/15	01/27/16	04/20/17	04/17/18	01/25/19	04/23/20	04/21/22	04/25/23
	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S	MW 19S	MW-19S	MW-19S	MW-19S	MW-19S	MW-19S
Metals (µg/L)												
Chromium	1430	1350	19.8	10 U	24.9	53.4	30.1	18.2	20.3	21.8	20.2	164
Hexavalent Chromium	1460	1240	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-20S							
	09/04/12	04/27/15	04/27/17	04/20/18	01/24/19	04/28/20	01/14/21
	MW-20S	MW-20S	MW 20S	MW-20S	MW-20S	MW-20S	MW-20S
Metals (µg/L)							
Chromium	207	211	41.4	21.3	60.5	28.6 HJ	22.8
Hexavalent Chromium	82.5	20 U	10 U	10 U	10 U		10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-21S													
		09/05/12	10/05/12	10/16/13	04/24/14	10/09/14	04/27/15	10/14/15	11/06/15	04/27/17	10/11/17	04/20/18	04/28/20	10/15/21	04/22/22
		MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S	MW 21S	MW-21S	MW-21S	MW-21S	MW-21S	MW-21S
Metals (µg/L)															
Chromium		728	899	645	435	67.2	496	340	339	574	261	598	498 U	13.5	39.7
Hexavalent Chromium		697	834	373	10 U	10 U	135	291 HJ-	83.5	10 U	129	229		10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		MW-21S		
		10/18/22	04/25/23	10/25/23
		MW-21S	MW-21S	MW-21S
Metals (µg/L)				
Chromium		44.2	44.8	5.9 J
Hexavalent Chromium		10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-22I						
		08/19/15	09/16/15	04/15/21	10/20/21	04/20/22	10/19/22	04/24/23
		MW-22 (165-190)	MW-22 (165-190)	MW-22I	MW-22I	MW-22I	MW-22I	MW-22I
Metals (µg/L)								
Chromium		11800	2660 B	94	109	42.1	35.4	30
Hexavalent Chromium		11400	2570	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-22S	
08/19/15	09/16/15
MW-22 (85-105)	MW-22 (85-105)

Metals (µg/L)		
Chromium	11900	
Hexavalent Chromium	12800	2550

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-23											
		08/20/15	04/21/17	10/12/17	10/18/19	04/20/20	10/13/20	04/16/21	10/15/21	04/18/22	10/13/22	04/21/23	10/18/23
		MW-23	MW23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23	MW-23
Metals (µg/L)													
Chromium		829	22.5	21.9	53.8	7.8 J		9.8 J	10 U	33	16.8	15.6	21.1
Hexavalent Chromium		761	10 U	10 U	20 U	10 U	50 U	10 U	10 U	20 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-24										
		08/20/15	10/18/19	04/27/20	10/13/20	04/15/21	10/18/21	04/18/22	06/29/22	10/14/22	04/24/23	10/20/23
		MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24	MW-24
Metals (µg/L)												
Chromium		812	4.4 J			51.4	16.6	134	173	423	155	14.1
Hexavalent Chromium		85.4	59.8	10 U	10 U	17	10 U	108	10 U	12.8	96.6	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-25			
	08/20/15	10/29/18	10/18/19
	MW-25	MW-25	MW-25

Metals (µg/L)			
Chromium	126	10 U	16
Hexavalent Chromium	81.9	10 U	5.8 J

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-26I				
		08/20/15	10/15/15	04/22/20	04/20/22	10/13/22
		MW-26 (135-157)	MW-26I	MW-26I	MW-26I	MW-26I
Metals (µg/L)						
Chromium		936	1100	7.6 J	10 U	10 U
Hexavalent Chromium		888	1120	100 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-26S												
		08/20/15	10/14/15	10/13/17	04/11/18	10/30/18	04/22/19	10/25/19	04/22/20	10/14/20	04/20/22	10/13/22	04/24/23	10/26/23
		MW-26 (85-105)	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26s	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S	MW-26S
Metals (µg/L)														
Chromium		2030	2100	90.2	183	38.3	225	103	16.4		10 U	41.2	10 U	10 U
Hexavalent Chromium		2050	1960	3.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-27I										
		08/19/15	09/16/15	04/18/17	10/16/17	04/13/18	10/31/18	04/24/19	04/27/20	10/14/20	04/15/21	04/20/22
		MW-27 (165-190)	MW-27 (165-190)	MW 27I	MW-27I	MW-27I	MW-27D	MW-27I	MW-27I	MW-27I	MW-27I	MW-27I
Metals (µg/L)												
Chromium		4930	766 B	193	272	279	148	119			24.9	6.2 J
Hexavalent Chromium		2090	764	10 U	20 U	100 U	50 U	10 U	10 U	20 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-27S							
		08/19/15	04/18/17	04/13/18	10/25/19	04/27/20	10/14/20	04/15/21	10/14/21
		MW-27 (85-105)	MW 27S	MW-27S	MW-27s	MW-27S	MW-27S	MW-27S	MW-27S
Metals (µg/L)									
Chromium		2490	19.2	59.1	183			29.8	10 U
Hexavalent Chromium		1920	10 U	50 U	10 U	100 U	20 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-28I													
		08/20/15	10/13/15	01/26/16	04/07/16	10/13/16	04/18/17	10/13/17	01/12/18	04/11/18	11/01/18	04/22/19	10/23/19	04/22/20	04/15/21
		MW-28 (135-157)	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I	MW-28I
Metals (µg/L)															
Chromium		80.9	54.4	178	39.2	225	59.3	615	276	94.9	59.2	41.2	47.3	17.3	9.5 J
Hexavalent Chromium		26.6	22.5	10 U	10 U	100 U	100 U	590	50 U	10 U	10 UF1	10 U	43.6	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		MW-28I			
		10/18/21	04/20/22	10/13/22	04/24/23
		MW-28I	MW-28I	MW-28I	MW-28I
Metals (µg/L)					
	Chromium	15.1	11.1	26.1	22.9
	Hexavalent Chromium	10 U	10 U	20.4	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-28S													
		08/20/15	10/13/15	01/26/16	04/07/16	10/13/16	04/18/17	10/13/17	01/12/18	04/11/18	11/01/18	04/22/19	10/23/19	04/22/20	04/15/21
		MW-28 (85-105)	MW-28S	MW-28S	MW-28s	MW-28s	MW-28s	MW-28S	MW-28S	MW-28S	MW-28S	MW-28S	MW-28S	MW-28S	MW-28S
Metals (µg/L)															
Chromium		152	61.1 B	51.5	30	247	61.5	517	343	161	52	38.5	66.6	18.7	22.4
Hexavalent Chromium		39.3	24.6	10 U	34.5	66.1	10 U	457	236	80.8	20 U	10 U	52.6	10 U	20 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

MW-28S				
	10/18/21	04/20/22	10/13/22	04/24/23
	MW-28S	MW-28S	MW-28S	MW-28S
Metals (µg/L)				
Chromium	22	19.1	46.5	27.1
Hexavalent Chromium	8.1 J	10.8	33.8	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-29													
		08/20/15	10/14/15	10/17/16	04/17/17	10/11/17	04/16/18	04/15/20	10/14/20	04/16/21	10/18/21	04/20/22	10/13/22	04/25/23	10/24/23
		MW-29	MW-29	MW-29	MW 29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29	MW-29
Metals (µg/L)															
Chromium		88.2	48.5	163	251	134	226			124	288	85.7	182	38	25.8
Hexavalent Chromium		68.1	10 U	20 U	18.1	10 U	115	10 U	10 U	10 U	10 U	10 U	10 U	10 U	19

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-30													
		08/20/15	01/25/16	04/08/16	10/12/16	04/21/17	10/12/17	04/09/18	10/29/18	04/17/19	10/16/19	04/14/20	10/13/20	04/16/21	10/15/21
		MW-30	MW-30	MW-30	MW-30	MW30	MW-30	MW-30	MW-30	MW-30	MW-30	MW-30	MW-30	MW-30	MW-30
Metals (µg/L)															
Chromium		37.2	9.6 J	48.9	23.9	25.3	17.4	56.4	12.4	20.4	6.1 J	10 U		10 U	10 U
Hexavalent Chromium		5.8	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		MW-30			
		04/18/22	10/13/22	04/21/23	10/18/23
		MW-30	MW-30	MW-30	MW-30
Metals (µg/L)					
	Chromium	10 U	10 U	10 U	10 U
	Hexavalent Chromium	10 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-31I											
	08/19/15	10/14/15	10/12/17	04/11/18	04/27/20	10/13/20	01/14/21	04/19/21	10/20/21	10/19/22	04/24/23
	MW-31 (135-157)	MW-31I	MW-31I	MW-31I	MW-31I	MW-31I	MW-31I	MW-31D	MW-31I	MW-31I	MW-31I
Metals (µg/L)											
Chromium	1530	1210	45.5	470			45.6	54.8	41.6	43.6	11
Hexavalent Chromium	1750	1330	1000 U	50 U	10 U	10 U	20 U	10 U	10 U	20 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-31S			
08/19/15	10/14/15	04/22/20	10/25/23
MW-31 (85-105)	MW-31S	MW-31S	MW-31S

Metals (µg/L)				
Chromium	2530	764	149	10.8
Hexavalent Chromium	3030	797 HJ-	10 U	100 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-32I								
	08/19/15	04/18/17	10/12/17	04/11/18	10/30/18	04/22/19	10/25/19	04/22/20	10/13/20
	MW-32 (135-157)	MW-32I	MW-32I	MW-32I	MW-32I	MW-32I	MW-32I	MW-32I	MW-32I
Metals (µg/L)									
Chromium	412	33.1	36.4	170	356	169	109	32.2	8.6 J
Hexavalent Chromium	1690	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-32S													
		08/19/15	04/18/17	10/12/17	04/11/18	10/30/18	04/22/19	10/25/19	04/22/20	10/13/20	04/20/22	10/19/22	04/24/23	10/26/23	
		MW-32 (85-105)	MW-32s	MW-32S	MW-32S	MW-32S	MW-32S	MW-32s	MW-32S	MW-32S	MW-32S	MW-32S	MW-32S	MW-32S	
Metals (µg/L)															
Chromium		1230	30.4	10 U	21.1	14.8	27.8	6.5 J	10 U	10 U	10 U	10 U	14.1	10 U	
Hexavalent Chromium		1750	3.1 J	10 U	10 U	3.9 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-33I							
		08/19/15	04/13/18	10/31/18	04/27/20	10/14/20	04/15/21	04/20/22	04/24/23
		MW-33 (135-157)	MW-33I	MW-33I	MW-33I	MW-33I	MW-33I	MW-33I	MW-33I
Metals (µg/L)									
Chromium		465	44.1	45.2			10 U	10 U	11.4
Hexavalent Chromium		95.4	100 U	20 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Results

	MW-33S														
	08/19/15	01/26/16	04/07/16	10/17/16	04/18/17	10/16/17	04/13/18	10/31/18	04/25/19	10/25/19	04/27/20	10/14/20	04/15/21	04/20/22	04/24/23
	MW-33 (40-70)	MW-33S	MW-33S	MW-33s	MW 33S	MW-33S	MW-33S	MW-33S	MW-33S	MW-33s	MW-33S	MW-33S	MW-33S	MW-33S	MW-33S
Metals (µg/L)															
Chromium	764	513	77.8	583	440	362	34.4	190	187	67.8			240	6 J	10 U
Hexavalent Chromium	757	10 U	8.1 J	20 U	10 U	500 U	10 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Results

	MW-34I														
	09/18/15	10/12/15	04/07/16	10/17/16	04/18/17	10/16/17	04/19/18	11/01/18	04/25/19	10/25/19	04/24/20	10/13/20	04/15/21	04/20/22	04/24/23
	MW-34 (135-160)	MW-34I	MW-34I	MW-34I	MW 34I	MW-34I	MW-34I	MW-34I	MW-34I	MW-34I	MW-34I	MW-34I	MW-34I	MW-34I	MW-34I
Metals (µg/L)															
Chromium	41.8	96.9 B	270	104	56.1	83.8	42.9	26.4	370	72.4	901		43.3	10 U	20.2
Hexavalent Chromium	50 U	10 U	7 J	20 U	10 U	10 U	20 U	10 U	50 U	20 U	100 U	50 U	100 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Results

		MW-34S													
		09/18/15	04/07/16	10/17/16	04/18/17	10/16/17	04/19/18	11/01/18	04/25/19	10/25/19	04/24/20	10/13/20	04/15/21	04/20/22	4/24/2023
		MW-34 (40-70)	MW-34s	MW-34s	MW 34S	MW-34S	MW-34S	MW-34S	MW-34S	MW-34s	MW-34S	MW-34S	MW-34S	MW-34S	MW-34S
Metals (µg/L)															
Chromium		182	23	236	138	479	127	178	12.3	31.2	57.2		14.7	9.2 J	64.4
Hexavalent Chromium		129	10 U	20 U	10 U	100 U	20 U	10 U	20 U	10 U	50 U	10 U	10 U	20 U	250 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Results

MW-35I						
09/18/15	10/13/15	10/31/18	04/24/19	04/15/21	04/20/22	
MW-35 (165-190)	MW-35I	MW-35I	MW-35I	MW-35I	MW-35I	

Metals (µg/L)						
Chromium	267	79.7 B	89	75.4	45.4	10 U
Hexavalent Chromium	278	10 U	20 U	20 U	50 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Results

		MW-35S													
		09/18/15	10/12/15	04/07/16	04/18/17	10/16/17	04/13/18	10/31/18	04/24/19	10/25/19	04/24/20	10/13/20	04/15/21	04/20/22	4/24/2023
		MW-35 (85-105)	MW-35S	MW-35S	MW 35S	MW-35S	MW-35S	MW-35S	MW-35S	MW-35s	MW-35S	MW-35S	MW-35S	MW-35S	MW-35S
Metals (µg/L)															
Chromium			2140 B	10 U	38.9	74.1	119	235	81.4	18.6	128		35.2	7.9 J	6.5 J
Hexavalent Chromium		1590	1880	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	20 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-36I		
	09/22/15	04/20/22
	MW-36 (165-190)	MW-36I

Metals (µg/L)		
Chromium	1500	25.3
Hexavalent Chromium	1580	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-36S										
		09/22/15	10/12/17	04/11/18	10/30/18	10/25/19	04/24/20	10/14/20	04/20/22	10/19/22	4/24/2023	10/25/2023
		MW-36 (125-145)	MW-36S	MW-36S	MW-36S	MW-36s	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S	MW-36S
Metals (µg/L)												
Chromium		1670	26.2	21.7	11.1	13.6	47.1		10 U	10 U	10 U	10 U
Hexavalent Chromium		1650	10 U	10 U	10 U	10 U	10 UF1	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-37s														
	09/23/15	10/15/15	04/17/17	10/11/17	04/16/18	10/18/19	04/15/20	10/15/20	10/28/20	04/16/21	10/19/21	04/20/22	10/13/22	4/26/2023	10/24/2023
	MW-37 (58-78)	MW-37S	MW 37S	MW-37S	MW-37S	MW-37s	MW-37S	MW-37S	MW-37S	MW-37S	MW-37S	MW-37S	MW-37S	MW-37S	MW-37S
Metals (µg/L)															
Chromium	279	834	75.4	17.7	55.5	50.7				58.6	18.6	19.1	35.6	27.8	93.3
Hexavalent Chromium	303	850	6 J	10 U	10 U	10 U	10 U	10 UH	10 U	10 U	10 U	14	23.8	19.3	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-38I										
		01/10/18	04/19/18	04/16/19	10/16/19	04/16/20	04/13/21	10/12/21	04/12/22	10/10/22	4/18/2024	10/17/2023
		MW-38I	MW-38I	MW-38I	MW-38I	MW-38I	MW-38I	MW-38I	MW-38I	MW-38I	MW-38I	MW-38I
Metals (µg/L)												
Chromium		122	25.4	55.7	14.6	9.2 J	8.6 J	10 U	10 U	10 U	10 U	10 U
Hexavalent Chromium		181	10 U	50 U	20.2	10 U	50 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-38S									
		01/10/18	04/19/18	10/17/19	04/16/20	04/13/21	10/12/21	04/12/22	10/10/22	4/18/2023	10/17/2023
		MW-38S	MW-38S	MW-38S	MW-38S	MW-38S	MW-38S	MW-38S	MW-38S	MW-38S	MW-38S
Metals (µg/L)											
Chromium		954	537	16.6	12.6	13.4	10 U	9.8 J	44.2	12.4	10 J
Hexavalent Chromium		2290	450	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-39S							
		01/10/18	04/19/18	10/16/19	04/15/20	10/12/21	04/12/22	10/10/22	4/18/202310/17/2023
		MW-39S	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S	MW-39S
Metals (µg/L)									
Chromium		626	97.3	108	23.8 U	7.7 J	63.2	9.4 J	18.310
Hexavalent Chromium		961	10 U	20 U	10 U	10 U	10 U	10 U	20 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-3D													
		02/05/09	04/22/09	07/22/09	10/22/09	04/19/10	10/06/10	01/12/11	04/20/11	10/05/11	01/18/12	04/18/12	10/03/12	01/22/13	04/25/13
		MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D	MW-3D
Metals (µg/L)															
	Aluminum	318	120 B	200 U	354										
	Antimony	5.8 U	5.8 U	10 U	10 U										
	Arsenic	3.2 U	6.4 U	5 U	5 U										
	Barium	31.2 B	36.9 B	34.6 J	56.1 J										
	Beryllium	0.3 U	0.3 U	2 U	2 U										
	Cadmium	0.4 U	0.4 U	5 U	5 U										
	Calcium	22400	23000	22000	45300										
	Chromium	1270	942	876	298	524	823	958	996	1300	924	1030	877	947	985
	Cobalt	3.4 B	1.7 U	3.9 J	50 U										
	Copper	333	268	87	82.8										
	Hexavalent Chromium	1160	100 U	750	191	505	629	781	888	829	848	856	736	763	692
	Iron	1900	819	212	3060										
	Lead	2.7 U	4.7 B	5 U	5 U										
	Magnesium	2840 B	3050 B	3140 J	4760 J										
	Manganese	33	26.3	22.4	151										
	Mercury	0.1 U	0.1 U	0.2 U	0.2 U										
	Nickel	39.7 B	14.5 B	12.4 J	24.6 J										
	Potassium	14500	11700	12200	2350 J										
	Selenium	4.2 U	4.2 U	5 U	5 U										
	Silver	1.4 U	1.4 U	10 U	10 U										
	Sodium	7770	7620	9670	14700										
	Thallium	4.7 U	4.7 U	10 U	10 U										
	Vanadium	8.4 B	4.7 U	50 U	50 U										
	Zinc	25.6 B	21.8 B	8.1 J	9.9 J										
Wet Chem (mg/L)															
	Sulfate		22.2	27.4	30.2										
	Sulfide		1 U	1 U	1 U										

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

[illegible]

		MW-3D		
		10/18/22	04/26/23	10/20/23
		MW-3D	MW-3D	MW-3D
Metals (µg/L)				
	Aluminum			
	Antimony			
	Arsenic			
	Barium			
	Beryllium			
	Cadmium			
	Calcium			
	Chromium	53.7	10 U	12.4
	Cobalt			
	Copper			
	Hexavalent Chromium	10 U	10 U	10 U
	Iron			
	Lead			
	Magnesium			
	Manganese			
	Mercury			
	Nickel			
	Potassium			
	Selenium			
	Silver			
	Sodium			
	Thallium			
	Vanadium			
	Zinc			
Wet Chem (mg/L)				
	Sulfate			
	Sulfide			

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-3S													
		02/05/09	04/22/09	07/22/09	10/22/09	04/19/10	10/06/10	01/12/11	04/20/11	10/05/11	01/18/12	04/18/12	10/03/12	01/22/13	04/25/13
		MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S	MW-3S
Metals (µg/L)															
	Aluminum	49900	3730	7200	7700										
	Antimony	5.8 U	5.8 U	10 U	10 U										
	Arsenic	18.7	9.4	9.1	7.2										
	Barium	635	30.7 B	66.3 J	98.1 J										
	Beryllium	2.1	0.3 U	2 U	2 U										
	Cadmium	0.97 B	0.4 U	5 U	5 U										
	Calcium	819000	47900	48100	71900										
	Chromium	4210	1130	1040	1180	865	560	588	649	514	1780	553	500	544	731
	Cobalt	31.8 B	7.6 B	50 U	3.9 J										
	Copper	230	31.7	33.4	31.8										
	Hexavalent Chromium	753	890	832	580	476	509	540	562	510	157	470	371	429	420
	Iron	146000	6540	11800	16300										
	Lead	72.2	8.6	8.3	9.5										
	Magnesium	42800	2190 B	3530 J	4960 J										
	Manganese	4260	196	376	493										
	Mercury	0.14 B	0.1 U	0.2 U	0.2 U										
	Nickel	724	64.4	22.7 J	137										
	Potassium	250000	5040	2500 J	2970 J										
	Selenium	4.2 U	4.2 U	5 U	5 U										
	Silver	1.4 U	1.4 U	10 U	10 U										
	Sodium	78100	92700	69200	50200										
	Thallium	4.7 U	4.7 U	10 U	10 U										
	Vanadium	160	15.8 B	12.2 J	9.5 J										
	Zinc	446	25 B	44.2	43										
Wet Chem (mg/L)															
	Sulfate		149	94	43.6										
	Sulfide		1 U	1 U	1 U										

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-40D												
		01/11/18	04/18/18	10/23/18	01/22/19	04/16/19	10/16/19	04/14/20	10/14/20	04/13/21	10/12/21	04/12/22	10/11/22	4/18/2023
		MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D	MW-40D
Metals (µg/L)														
Chromium		33.9	6.6 J	8 J	6.2 J	6.7 J	16.3	6.3 J	7.4 J	7 J	6.1 J	5.9 J	8.2 J	6.2 J
Hexavalent Chromium		39.7	10 U	4.7 J	10 U	6 J	7.8 J	10 U	10 U	10 U	8.3 J	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-40I											
		01/10/18	04/19/18	01/22/19	04/16/19	07/17/19	10/16/19	04/14/20	10/12/21	04/12/22	10/11/22	4/18/2023	10/17/2023
		MW-40I	MW-40I	MW-40I	MW-40I	MW-40I	MW-40I	MW-40I	MW-40I	MW-40I	MW-40I	MW-40I	MW-40I
Metals (µg/L)													
Chromium		1040	677	121	203	358	629	565	68.9	38.1	128	113	10
Hexavalent Chromium		862	528	10 U	10 U	10 U	177	384	10 U	10 U	10 U	10 U	10 F1J+

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-41D											
		01/10/18	04/17/18	10/23/18	01/22/19	04/16/19	10/15/19	04/14/20	10/14/20	04/13/21	10/12/21	04/12/22	4/18/2023
		MW-41D	MW-41D	MW-41D	MW-41D	MW-41D	MW-41D	MW-41D	MW-41D	MW-41D	MW-41D	MW-41D	MW-41D
Metals (µg/L)													
Chromium		126	7.1 J	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexavalent Chromium		20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-42D										
		01/11/18	04/18/18	10/23/18	04/17/19	10/15/19	04/14/20	10/14/20	04/13/21	10/12/21	04/12/22	4/18/2023
		MW-42D	MW-42D	MW-42D	MW-42D	MW-42D	MW-42D	MW-42D	MW-42D	MW-42D	MW-42D	MW-42D
Metals (µg/L)												
Chromium		13.3	10 U	14.1	10 U	4.9 J	10 U		10 U	10 U	10 U	10 U
Hexavalent Chromium		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-42S				
	01/11/18	04/18/18	10/11/22	10/16/2023
	MW-42S	MW-42S	MW-42S	MW-42S

Metals (µg/L)				
Chromium	932	564		10 U
Hexavalent Chromium	492	387	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-43S										
	01/11/18	04/18/18	04/16/19	07/17/19	10/15/19	04/14/20	04/12/22	10/11/22	4/19/2023	10/18/2023
	MW-43S	MW-43S	MW-43S	MW-43S	MW-43s	MW-43S	MW-43S	MW-43S	MW-43S	MW-43S
Metals (µg/L)										
Chromium	464	248	174	226	379	188	32.7	10 U	151	113
Hexavalent Chromium	107	131	153	90.4	50 U	146	10 U	10 U	86.3	91.6

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-44S				
	04/13/21	10/12/21	10/10/22	10/17/2023
	MW-44S	MW-44S	MW-44	MW-44
Metals (µg/L)				
Chromium	6.7 J	10 U	10 U	10 U
Hexavalent Chromium	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

MW-45S					
	10/13/21	04/13/22	10/11/22	4/19/2023	10/18/2023
	MW-45S	MW-45S	MW-45S	MW-45S	MW-45S
Metals (µg/L)					
Chromium	53.9	40.3	120	310	63.3
Hexavalent Chromium	10 U	10 U	69.5	11.3	48.4

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-46S					
		01/12/21	04/12/21	10/13/21	04/13/22	10/11/22	4/19/202310/16/2023
		MW-46S	MW-46S	MW-46S	MW-46S	MW-46S	MW-46S
Metals (µg/L)							
Chromium		18.6	15.3	12.5	174	10 U	88.4192
Hexavalent Chromium		500 U	50 U	50 U	100 U	10 U	200 U10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-48S									
		09/23/20	10/12/20	10/27/20	01/13/21	04/12/21	10/13/21	04/12/22	10/11/22	4/18/2023	10/16/2023
		MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S	MW-48S
Metals (µg/L)											
Chromium		10 U			38.4	39.4	10.2	32	10.2	35.1	28.8
Hexavalent Chromium		10 U	10 UHJ-	20 U	10 U	20 U	10 U	10 U	10 U	9.9 J	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-49S				
	10/12/21	04/14/22	10/17/22	4/20/2023	10/19/2023
	MW-49S	MW-49S	MW-49S	MW-49S	MW-49S
Metals (µg/L)					
Chromium	10 U	10 U	7.4 J	10 U	7.1 J
Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-4D													
		11/12/02		05/14/03	11/06/03	05/19/04	11/18/04	05/18/05	10/27/05	10/26/06	01/24/07	04/26/07	07/25/07	10/25/07	01/23/08
		GW-MW4D	GW-MW4D DUP	GW-MW4D	GW-MW4D	GW-MW4D	GW-MW4D	GW-MW4D	GW-MW4D	MW-4D	MW-4D	MW-4D	MW-4D	MW4D	MW-4D
Metals (µg/L)															
Metals (µg/L)	Aluminum								200 BU		62.6 U	89.4 B	62.6 U	62.6 U	27.9 B
	Antimony	7.3 BJ	8 BJ	23.1 BU	42.3 BNUJ	5.8 U	4.4 U	2.5 UNJ	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U	0.62 B
	Arsenic								3.1 U		4.6 B	3.2 U	3.4 B	2.8 U	1.84 B
	Barium								359		253	228	326	282	254
	Beryllium								0.4 U		0.3 U	0.3 U	0.3 U	0.3 U	0.062 B
	Cadmium								0.8 U		0.4 U	0.4 U	0.4 U	0.4 U	0.147 B
	Calcium								67200		66000	63300	86300	73500	66000
	Chromium	829	847	696	50.4	213	3.6 BJ	4.3 BJ	22.1	483	1.9 B	5 B	4.7 B	13.6 U	12.2
	Cobalt								1.9 U		1.7 U	1.7 U	1.7 U	1.7 U	1.74 B
	Copper								25 BU		3.7 U	3.7 U	3.7 U	3.7 U	3.64 B
	Hexavalent Chromium	875	875	564	23 NJ	200 NJ	10 U	10 U	10 U	349	10 U	10 U	10 U	10 U	10 U
	Iron								77.8 BJ		39.2 U	61.4 B	39.2 U	72 B	132 B
	Lead								2.3 BJ		2.7 U	2.7 U	2.7 U	2.7 U	0.358 B
	Magnesium								8500		7990	7610	10900	8920	9160
	Manganese								52.2		114	118	154	328	224
	Mercury								0.16 UJ		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
	Nickel								5 BJ		2.4 U	2.4 U	2.4 U	2.4 U	8.07
	Potassium								6160 EJ		4010 B	3270 B	4260 B	4050 BJ	3840
	Selenium								3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U	0.1 U
	Silver								10 BNU		1.4 U	1.4 U	1.4 U	1.4 U	7.79
	Sodium								36800		22100	18300	28200	32900	23000
	Thallium								2.9 U		4.7 U	4.7 U	4.7 U	1.9 U	0.14 B
	Vanadium								2 U		4.7 U	4.7 U	4.7 U	3 U	0.509 B
	Zinc								20 BU		20.1 B	6.3 B	7.2 B	10.6 B	14.3 B

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		MW-4D													
		04/23/08	07/23/08	10/15/08	01/29/09	04/22/09	07/22/09	10/21/09	04/19/10	10/06/10	01/13/11	04/20/11	10/06/11	01/17/12	04/20/12
		MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
Metals (µg/L)															
Aluminum		10.2 B	18.7 B	62.6 U	77.4 U	62.6 U	200 U	200 U							
Antimony		0.146 B	0.492 B	5.8 U	4.9 U	5.8 U	10 U	10 U							
Arsenic		1.53 B	1.2 B	3.2 U	4.5 U	5	5 U	5 U							
Barium		239	266	370	260	282	309	233							
Beryllium		0.025 U	0.025 U	0.3 U	0.1 U	0.3 U	2 U	2 U							
Cadmium		0.135 U	0.135 U	0.4 U	0.5 U	0.4 U	5 U	5 U							
Calcium		61700	68800	87000	66800	75700	78600 B	63400							
Chromium		8.57	79.8	4.5 B	115	12.2	6.6 J	10 U	4.9 J	18.5	162	10 U	45.8	47.6	11.1
Cobalt		0.538 B	5.09	1.7 U	3.5 U	1.7 U	50 U	50 U							
Copper		0.83 B	2.07 B	3.7 U	3.1 U	5.6 B	25 U	11.9 J							
Hexavalent Chromium		10 U	59.5	10 U	95.3	10 U	10 U	10 U	10 U	10 U	142	10 U	1.8 J	6.1 J	10 U
Iron		82.1 B	59 B	39.2 U	143 B	107 B	150 U	54.7 J							
Lead		0.126 B	0.268 B	2.7 U	2.2 U	3.8 B	5 U	5 U							
Magnesium		8410	11000	10800	8190	8980	9710	7690							
Manganese		195	219	648	345	379	378	249							
Mercury		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.2 U							
Nickel		4.87 B	2.58 B	2.4 U	10.2 B	3.2 B	40 U	40 U							
Potassium		3550	4940	4820 B	4470 B	4040 B	4130 J	3350 J							
Selenium		0.1 U	0.1 U	4.2 U	4.8 U	4.2 U	5 U	5 U							
Silver		0.101 B	0.202 B	1.4 U	1.2 U	1.4 U	10 U	10 U							
Sodium		22200	26600	39800	23200	22900	26300	18000							
Thallium		0.172 B	0.112 U	4.7 U	4.8 U	4.7 U	10 U	10 U							
Vanadium		0.697 B	0.86 B	4.7 U	1.5 U	4.7 U	50 U	50 U							
Zinc		9.08 B	9.78 B	12 B	7.9 B	13.4 B	8.3 J	30 U							

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Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-4S													
		11/14/02	05/14/03		11/06/03	05/19/04		11/16/04	05/18/05	10/27/05	10/26/06	01/24/07	04/26/07	07/25/07	10/25/07
		GW-MW4S	GW-MW4S	GW-MW4SD	GW-MW4S	GW-MW4S	GW-MW4SD	GW-MW4S	GW-MW4S	GW-MW4S	MW-4S	MW-4S	MW-4S	MW-4S	MW4S
Metals (µg/L)															
Metals	Aluminum									1460		103 B	291	62.6 U	164 B
	Antimony	5.3 UJ	29.3 BU	30.1 BU	44.9 BNUJ	5.8 U	5.8 U	2.5 U	2.5 U	2.5 U	8.7 U	5.8 U	5.8 U	5.8 U	5.8 U
	Arsenic									4.2 BJ		3.6 B	3.2 U	3.2 U	2.8 U
	Barium									447		254	260	284	281
	Beryllium									0.4 U		0.3 U	0.3 U	0.3 U	0.3 U
	Cadmium									0.8 U		0.4 U	0.4 U	0.4 U	0.4 U
	Calcium									90400		68800	69600	77400	76900
	Chromium	253	434	424	30.3	41.8	93.2	46.4	144 *NJ	42.5	418	33.4	5.4 B	5.7 B	34.8
	Cobalt									2.5 BJ		1.7 U	1.7 U	1.7 U	2.1 B
	Copper									17 BJ		3.7 U	3.7 U	3.7 U	5.6 B
	Hexavalent Chromium	2350	342	342	10 BNUJ	26	26	10 U	20	10 U	250	14.4	10 U	10 U	10 U
	Iron									2230		200	73.1 B	54.8 B	493
	Lead									12.7		2.7 U	2.7 U	2.7 U	2.7 U
	Magnesium									13900		9760	9860	11200	11100
	Manganese									586		48.4	22.3	14 B	137
	Mercury									1.7 J-		0.1 U	0.1 U	0.1 U	0.11 B
	Nickel									24.1 BJ		6.2 B	2.4 U	2.4 U	22.8 B
	Potassium									3060 BEJ		2230 B	2060 B	2290 B	2420 BJ
	Selenium									3.9 UNJ		4.2 U	4.2 U	4.2 U	4.2 U
	Silver									4.5 BNJ		1.4 U	1.4 U	1.4 U	1.4 U
	Sodium									19700		18600	19800	20500	18500
	Thallium									2.9 U		6.2 B	4.7 U	4.7 U	1.9 U
	Vanadium									2 U		4.7 U	4.7 U	4.7 U	3 U
	Zinc									156		18.2 B	5.8 U	5.8 U	17.9 B

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		MW-4S													
		01/23/08	04/23/08	07/23/08	10/15/08	01/29/09	04/22/09	07/22/09	10/21/09	04/19/10	10/06/10	01/13/11	04/20/11	10/06/11	01/17/12
		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
Metals (µg/L)															
	Aluminum	54.8	27.1 B	18.2 B	129 B	430	91.6 B	85.9 J	342						
	Antimony	0.256 B	0.049 B	0.088 B	5.8 U	4.9 U	5.8 U	10 U	10 U						
	Arsenic	0.626 B	0.706 B	0.56 B	3.2 U	4.5 U	3.2 U	5 U	5 U						
	Barium	260	243	248	319	308	289	283	329						
	Beryllium	0.025 U	0.025 U	0.025 U	0.3 U	0.1 U	0.3 U	2 U	2 U						
	Cadmium	0.135 U	0.135 U	0.135 U	0.4 U	0.5 U	0.4 U	5 U	5 U						
	Calcium	70800	65600	66000	84100	76000	79500	74000 B	75900						
	Chromium	77.1	2.66 B	8.2	11.6	7.9 B	6.7 B	7.1 J	14.5	30.3	31.8	8 J	9.8 J	6 J	12.1
	Cobalt	0.254 B	0.232 B	0.168 B	1.7 U	3.5 U	1.7 U	50 U	50 U						
	Copper	4.66 B	1.21 B	3.7 B	3.7 U	3.1 U	3.7 U	25 U	25 U						
	Hexavalent Chromium	59.6	10 U	10 U	10 U	10 U	10 U	10 U	2.4 J	10 U	10 U	3.9 J	10 U	10 U	9.6 J
	Iron	164	73.9 B	76 B	292	681	138 B	169	664						
	Lead	0.463 B	0.304 B	0.358 B	2.7 U	2.4 B	2.7 U	5 U	3.3 J						
	Magnesium	11300	10900	12200	12300	11200	11400	10800	11000						
	Manganese	33	18	7.88 B	98.1	208	17.6	80.7	212						
	Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.46	0.1 U	0.2 U	0.2 U						
	Nickel	4.74 B	1.9 B	1.95 B	7.5 B	3.9 U	3.9 B	40 U	4.9 J						
	Potassium	2890	2070	2300	2290 B	2230 B	2400 B	2050 J	2250 J						
	Selenium	0.16 B	0.244 B	0.202 B	4.2 U	4.8 U	4.2 U	5 U	5 U						
	Silver	0.034 U	0.034 U	0.034 U	1.4 U	1.2 U	1.4 U	10 U	10 U						
	Sodium	22200	20300	19600	21900	20400	21300	20200	19800						
	Thallium	0.112 U	0.112 U	0.112 U	4.7 U	4.8 U	4.7 U	10 U	10 U						
	Vanadium	0.592 B	0.678 B	0.612 B	4.7 U	1.5 U	4.7 U	50 U	50 U						
	Zinc	12 B	6.41 B	13.4 B	20.3 B	24 B	6 B	14.8 J	19.1 J						

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Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-AD													
		02/05/09	04/22/09	07/22/09	10/21/09	04/19/10	10/06/10	01/12/11	04/20/11	10/05/11	01/18/12	04/18/12	10/03/12	04/24/13	10/10/14
		MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD	MW-AD
Metals (µg/L)															
	Aluminum	2990	67.5 B	200 U	3430										
	Antimony	5.8 U	5.8 U	10 U	3.5 J										
	Arsenic	5.3	3.2 U	5 U	5 U										
	Barium	205	46.9 B	46 J	75.9 J										
	Beryllium	0.3 U	0.3 U	2 U	2 U										
	Cadmium	0.53 B	0.4 U	5 U	5 U										
	Calcium	62000	46700	43800	50000										
	Chromium	856	1050	1280	1170	999	962	1270	1170	946	1090	864	768	67.2	42.6
	Cobalt	8.3 B	1.7 U	50 U	50 U										
	Copper	66.6	6 B	18.1 J	18.6 J										
	Hexavalent Chromium	580	991	1350	921	746	794	1180	676	807	1060	780	639	10 U	20 U
	Iron	3480	62.9 B	76.1 J	1650										
	Lead	10.5	3.7 B	5 U	5.6										
	Magnesium	7490	5670	5200	6250										
	Manganese	1480	7.7 B	12.2 J	396										
	Mercury	0.55	0.1 U	0.2 U	0.2 U										
	Nickel	48.9	5.7 B	7.5 J	10 J										
	Potassium	2000 B	1120 B	1690 J	1490 J										
	Selenium	4.2 U	4.2 U	5 U	5 U										
	Silver	1.4 U	1.4 U	10 U	10 U										
	Sodium	23400	12600	13000	11100										
	Thallium	4.7 U	4.7 U	10 U	10 U										
	Vanadium	8.3 B	4.7 U	50 U	50 U										
	Zinc	19.5 B	5.8 U	91.4	9.9 J										
Wet Chem (mg/L)															
	Sulfate		23.4	19.6	32.5 J+										
	Sulfide		1 U	1 U	1 U										

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

[illegible]

		MW-AD				
		04/19/21	10/19/21	04/21/22	10/17/22	4/26/2023
		MW-AD	MW-AD	MW-AD	MW-AD	MW-AD
Metals (µg/L)						
	Aluminum					
	Antimony					
	Arsenic					
	Barium					
	Beryllium					
	Cadmium					
	Calcium					
	Chromium	94.5	86.6	10 U	34.7	26.9
	Cobalt					
	Copper					
	Hexavalent Chromium	10 U	20 U	10 U	10 U	10 U
	Iron					
	Lead					
	Magnesium					
	Manganese					
	Mercury					
	Nickel					
	Potassium					
	Selenium					
	Silver					
	Sodium					
	Thallium					
	Vanadium					
	Zinc					
Wet Chem (mg/L)						
	Sulfate					
	Sulfide					

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-AS													
		02/05/09	04/22/09	07/22/09	10/21/09	04/21/10	10/06/10	11/19/10	12/03/10	01/12/11	04/20/11	10/05/11	01/18/12	04/18/12	10/03/12
		MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS	MW-AS
Metals (µg/L)															
Aluminum		3780	1600	1100	8540										
Antimony		5.8 U	5.8 U	10 U	10 U										
Arsenic		3.2 U	3.2 U	5 U	5 U										
Barium		436	1150	796	624										
Beryllium		0.3 U	0.3 U	2 U	2 U										
Cadmium		0.4 U	0.4 U	5 U	5 U										
Calcium		910000	470000	493000	515000										
Chromium		1690	69.9	47.8	182	1180	658			1370	1230	934	589	511	2880
Cobalt		9.3 B	11.4 B	10.9 J	10.3 J										
Copper		117	103	125	138										
Hexavalent Chromium		1360	32.7	30.6	66.5	783	356	1530	1240	1060	1070	661	447	405	875
Iron		3280	875	516	5810										
Lead		29.2	5.6	7	10.8										
Magnesium		3390 B	618 B	448 J	6930										
Manganese		208	43.5	31	452										
Mercury		0.13 B	0.1 U	0.2 U	0.29										
Nickel		126	47.7	41.9	81.3										
Potassium		837000	580000	5000 U	188000										
Selenium		4.9 B	4.2 U	5 U	5 U										
Silver		1.4 U	1.4 U	10 U	10 U										
Sodium		310000	481000	301000	220000										
Thallium		4.7 U	4.7 U	10 U	10 U										
Vanadium		18.1 B	4.7 U	50 U	26.8 J										
Zinc		166	9.1 B	38.2	74.1										
Wet Chem (mg/L)															
Sulfate			5 U	5 U	5 U										
Sulfide			1 U	1 U	1 U										

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

[illegible]

		MW-AS		
		04/21/22	10/17/22	4/26/2023
		MW-AS	MW-AS	MW-AS
Metals (µg/L)				
	Aluminum			
	Antimony			
	Arsenic			
	Barium			
	Beryllium			
	Cadmium			
	Calcium			
	Chromium	8.5 J	535	74.9
	Cobalt			
	Copper			
	Hexavalent Chromium	10 U	10 U	11.5
	Iron			
	Lead			
	Magnesium			
	Manganese			
	Mercury			
	Nickel			
	Potassium			
	Selenium			
	Silver			
	Sodium			
	Thallium			
	Vanadium			
	Zinc			
Wet Chem (mg/L)				
	Sulfate			
	Sulfide			

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-B01D													
		07/23/09	10/23/09	04/21/10	10/07/10	04/21/11	10/07/11	01/17/12	04/20/12	10/02/12	01/23/13	04/25/13	10/17/13	01/23/14	04/24/14
		MW-B01(D) Grab	MW-B01D	MW-B01D	MW-B01D	MW-B01D	MW-B01D	MW-B01D	MW-B01D	MW-B01D	MW-B01D	MW-B01D	MW-B01-D	MW-B01D	MW-B01D
Metals (µg/L)															
Chromium		7.6 J	10 U	267	996	81.9	113	185	210	325	207	343	585	347	198
Hexavalent Chromium		250 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	83.3	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

[illegible]

MW-B01D		
	10/18/22	10/20/2023
	MW-B01D	MW-B01D
Metals (µg/L)		
Chromium	13.6	10.2
Hexavalent Chromium	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-B01S													
	07/23/09	10/23/09	04/21/10	10/07/10	01/14/11	04/21/11	10/07/11	04/20/12	10/02/12	01/23/13	04/25/13	10/17/13	01/23/14	04/24/14
	MW-B01(S) Grab	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01-S	MW-B01S	MW-B01S
Metals (µg/L)														
Chromium	504	20.4	123	125	96.6	443	512	409	260	140	175	702	207	163
Hexavalent Chromium	250 U	100 U	10 U	10 U	10 U	10 U	297	10 U	3.5 J	10 U	10 U	3.8 J	7.2 J	10 U

ug/L - micrograms/liter mg/L - milligra

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U - The compound was not detected at the indicated concentration.

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R - After validation, the result is qualified as rejected.

[illegible]

		MW-B01S					
		04/16/21	10/18/21	04/19/22	10/13/22	4/21/2023	10/20/2023
		MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S	MW-B01S
Metals (µg/L)							
	Chromium	28.2	21.7	29.5	23.6	14.4	9.5 J
	Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-BD													
		02/06/09	04/22/09	07/23/09	10/20/09	04/20/10	10/06/10	01/12/11	04/20/11	10/05/11	01/17/12	04/17/12	10/02/12	04/23/13	04/27/15
		MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-8D
Metals (µg/L)															
Aluminum		756	1230	307	2030										
Antimony		5.8 U	5.8 U	10 U	10 U										
Arsenic		4.2 B	3.2 U	5 U	5 U										
Barium		138 B	146 B	126 J	173 J										
Beryllium		0.3 U	0.3 U	2 U	2 U										
Cadmium		0.4 U	0.4 U	5 U	5 U										
Calcium		86700	71500	70000	80000										
Chromium		1390	907	818	782	658	707	647	602	546	531	488	481	48.8	47.6
Cobalt		2 B	1.7 U	50 U	50 U										
Copper		3.7 U	15.2 B	25 U	13.6 J										
Hexavalent Chromium		1280	100 U	774	725	361	629	563	586	493	566	468	389	10 U	10 UF1
Iron		778	988	366	2600										
Lead		2.7 U	2.7 U	5 U	21.7										
Magnesium		12600	11300	10300	12000										
Manganese		21.4	40.9	9.8 J	117										
Mercury		0.1 U	0.1 U	0.2 U	0.2 U										
Nickel		9.8 B	9.1 B	40 U	15.6 J										
Potassium		1920 B	5610	4140 J	2430 J										
Selenium		4.2 U	4.2 U	5 U	5 U										
Silver		1.4 U	1.4 U	10 U	10 U										
Sodium		14400	28000	20600	17100										
Thallium		4.7 U	4.7 U	10 U	10 U										
Vanadium		6.2 B	4.7 U	50 U	50 U										
Zinc		5.8 U	18.1 B	30 U	22.6 J										
Wet Chem (mg/L)															
Sulfate			32.4	34.8	33.6 J+										
Sulfide			1 U	1 U	1 U										

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

[illegible]

		MW-BD					
		04/14/21	10/15/21	04/22/22	10/18/22	4/25/2023	10/25/2023
		MW-BD	MW-BD	MW-BD	MW-BD	MW-BD	MW-BD
Metals (µg/L)							
	Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Calcium						
	Chromium	27.1	11.8	17.5	14.4	11.7	7.8 J
	Cobalt						
	Copper						
	Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U
	Iron						
	Lead						
	Magnesium						
	Manganese						
	Mercury						
	Nickel						
	Potassium						
	Selenium						
	Silver						
	Sodium						
	Thallium						
	Vanadium						
	Zinc						
Wet Chem (mg/L)							
	Sulfate						
	Sulfide						

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-BS													
		02/06/09	04/22/09	07/23/09	10/20/09	04/20/10	10/06/10	11/19/10	12/03/10	01/12/11	04/20/11	10/05/11	01/17/12	04/17/12	10/02/12
		MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS	MW-BS
Metals (µg/L)															
Aluminum		1530	656	621	848										
Antimony		5.8 U	5.8 U	10 U	10 U										
Arsenic		3.2 U	3.2 U	5 U	5 U										
Barium		1750	655	449	386										
Beryllium		0.3 U	0.3 U	2 U	2 U										
Cadmium		0.4 U	0.4 U	5 U	5 U										
Calcium		861000	674000	766000	719000										
Chromium		92.9	30.4	36.5	32.4	197	201			416	408	635	860	904	838
Cobalt		6.9 B	5.4 B	5.4 J	50 U										
Copper		47.5	24.5 B	77.8	29.5										
Hexavalent Chromium		27.4	17.3	25.8	29.2	92.7	79.4	334	272	350	385	482	807	829	660
Iron		1240	253	223	343										
Lead		8.6	2.7 U	9.9	10.4										
Magnesium		1020 B	153 B	5000 U	140 J										
Manganese		40.9	7.9 B	4.8 J	11.1 J										
Mercury		0.1 U	0.1 U	0.2 U	0.2 U										
Nickel		35.6 B	15 B	16 J	6 J										
Potassium		712000	149000	65100	51400										
Selenium		42 U	4.2 U	5 U	5 U										
Silver		1.4 U	1.4 U	10 U	10 U										
Sodium		205000	83300	52600	50800										
Thallium		9.4 U	9.4 U	10 U	10 U										
Vanadium		8.7 B	4.7 U	50 U	50 U										
Zinc		26.1 B	15.6 B	105	31.6										
Wet Chem (mg/L)															
Sulfate			5 U	5 U	5 U										
Sulfide			1 U	1 U	1 U										

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

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J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

[illegible]

		MW-BS	
		10/18/22	4/25/2023
		MW-BS	MW-BS
Metals (µg/L)			
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Cadmium			
Calcium			
Chromium		10 U	10.3
Cobalt			
Copper			
Hexavalent Chromium		10 U	10 U
Iron			
Lead			
Magnesium			
Manganese			
Mercury			
Nickel			
Potassium			
Selenium			
Silver			
Sodium			
Thallium			
Vanadium			
Zinc			
Wet Chem (mg/L)			
Sulfate			
Sulfide			

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	MW-CI															
	08/20/15	10/18/16	04/19/17	10/13/17	04/13/18	10/31/18	04/22/19	10/23/19	04/22/20	10/14/20	04/15/21	10/19/21	04/20/22	10/19/22	4/25/2023	10/26/2023
	MW-C (135-157)	MW-CI	MW CI	MW-6I	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI	MW-CI
Metals (µg/L)																
Chromium	2870	245	98.6	57.3	163	68.8	38.2	110	9.9 J		95.4	6.3 J	10 U	10 U	33.7	10 U
Hexavalent Chromium	66.9	20 U	10 U	10 U	10 U	3 J	10 U	7.3 J	10 U	10 UF1	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		MW-CS														
		08/20/15	04/19/17	10/13/17	04/13/18	10/30/18	04/22/19	10/23/19	04/22/20	10/14/20	04/15/21	10/19/21	04/20/22	10/19/22	4/25/2023	10/26/2023
		MW-C (40-70)	MW CS	MW-6S	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS	MW-CS
Metals (µg/L)																
Chromium		692	66.3	7.7 J	10 U	11.2	54.7	393	93.8		10 U	72.9	22.9	151	10 U	11.1
Hexavalent Chromium		450	3.1 J	10 U	10 U	10 U	10 U	31.1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-1							
		03/12/08	05/10/11	02/04/14	02/11/14	04/24/17	04/16/18	04/20/20	04/15/22
		OMW-1_Grab	OMW-1	OMW-1	OMW-1	OMW 1	OMW1	OMW-1	OMW-1
Metals (µg/L)									
Chromium		14700	1140	66.5	279	93.4	100	722	38.6
Hexavalent Chromium			10 U		50 U	3.9 J	10 U	18.3	21

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-11													
		10/14/03	11/06/03	10/26/05	03/12/08	04/24/08	07/23/08	10/17/08	04/21/10	10/08/10	04/20/11	10/07/11	04/20/12	10/02/12	
		OMW-11	OMW-11D	OMW-11	OMW-11	OMW-11_Grab	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	
Metals (µg/L)															
Aluminum		50.9 BJ	40.2 BJ	2260	990 NJ+		22000	18200							
Antimony		4540	4400	4380 NJ	6360		1.76 B	1.5 B							
Arsenic		17.8	12.2	5.9 U	62 U		20.2	14.4							
Barium		31.5 BJ	29.6 BJ	52.8 BJ	102 BJ		815	442							
Beryllium		0.2 U	0.2 U	0.2 U	0.4 U		1.76	2.68							
Cadmium		0.3 U	0.3 U	0.3 UNJ	4.2 BJ		16.8	25.5							
Calcium		64200	60900	80600	123000		269000	324000							
Chromium		99500	97500	168000	371000	126000	64000	108000	4260	4440	109	114	258	113	
Cobalt		29.3 BJ	26.8 BJ	30.7 BJ	18.2 BJ		16.8	15.5							
Copper		5.8 BJ	3.9 BJ	13.1 BU	193		191	467							
Hexavalent Chromium		108000 NJ	116000 NJ	235000 NJ	100000 U	92700	62200	149000	13700	1490	4160	10 U	10 U	200 U	10 U
Iron		333	325	3520	309 NJ+		42000	32700							
Lead		10.1 U	8.4 U	2.2 UNJ	4.1		37.8	12.6							
Magnesium		5730	5490	7910	10300		27300	30100							
Manganese		267	250	275	1210		2920	4670							
Mercury		5.3	5.4	8.3	61.2 J+		283	262							
Nickel		10.6 BJ	16 BJ	37 BJ	59.7		105	115							
Potassium		3160 BJ	2930 BJ	4030 BJ	10800 EJ		11900	15600							
Selenium		4.8 BNU	4.3 BNU	2.7 BWNU	78 UNJ		1.12 B	1.71 B							
Silver		2080 NJ	2040 NJ	5720 J	18900 EJ		0.34 B	0.12 B							
Sodium		62000	60700	81500	63700		90200	73700							
Thallium		36.4	34.3	45.2 NJ	83.5		0.162 B	0.146 B							
Vanadium		1 U	1 U	1 U	40 U		30.5	22.2							
Zinc		2.9 U	7.7 BU	2.8 U	50 U		388	490							

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

[illegible]

		OMW-11										
		10/31/18	04/17/19	10/24/19	04/21/20	10/14/20	04/19/21	10/18/21	04/18/22	10/18/22	4/17/2023	10/24/2023
		OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11	OMW-11
Metals (µg/L)												
Metals	Aluminum											
	Antimony											
	Arsenic											
	Barium											
	Beryllium											
	Cadmium											
	Calcium											
	Chromium	143	27.7	329	18.6		46.7	52	6.5 J	26.3	551	203
	Cobalt											
	Copper											
	Hexavalent Chromium	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U
	Iron											
	Lead											
	Magnesium											
	Manganese											
	Mercury											
	Nickel											
	Potassium											
	Selenium											
	Silver											
	Sodium											
	Thallium											
	Vanadium											
	Zinc											

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	OMW-13													
	10/14/03	11/07/03	10/26/05	01/25/07	04/26/07	07/26/07	10/25/07	01/24/08	03/12/08		04/23/08	07/23/08	09/11/08	09/26/08
	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13_Grab	OMW-13	OMW-13	OMW-13	OMW-13

Metals (µg/L)														
Aluminum	204	193 BU	343 NJ+	3670	577	2930	1650	71.1 B			260	271		
Antimony	82.1	29.2 BJ	180	5.8 U	9.8 B	58 U	5.8 U	0.343 B			0.121 B	0.143 B		
Arsenic	5.9 U	2.4 U	3.1 U	4.7 B	3.2 U	4.8 B	2.8 U	0.305 B			0.395 B	0.694 B		
Barium	108 BJ	75.8 BJ	60.4 BJ+	96.7 B	43.6 B	98.3 B	114 B	65.9			34.4	49.5		
Beryllium	0.2 U	0.2 U	0.4 U	0.33 B	0.3 U	0.3 U	0.3 U	0.049 U			0.044 B	0.025 U		
Cadmium	0.3 U	0.3 UJ	0.8 U	0.4 U	0.4 U	3.6 B	0.4 U	4.91 B			3.45 B	5.2		
Calcium	133000	87400 J	84300	109000	66900	108000	155000	94500			56400	68200		
Chromium	1250	3730	9450	13400	17400	24800	17800	13500	12300	13600	10200	17400	24800	27000
Cobalt	1.1 U	33.2 BJ	1.9 U	2.5 B	1.7 U	1.7 U	1.7 U	0.399 B			0.34 B	0.475 B		
Copper	3.7 BJ	10.8 BU	26	11.5 B	3.8 B	9.3 B	8.7 B	0.873 B			3.07 B	2.79 B		
Hexavalent Chromium	1650 NJ	3200	2500 U	13800	15800	23500	9000	12800	10900	11700	9330	21100	22900	23600
Iron	258	1000 J	1040 NJ+	7320	635	6220 J	3750	134 B			420	510		
Lead	17.4	4.6 U	4.3	4.6	3	3.9	2.7 U	0.233 B			0.404 B	0.59 B		
Magnesium	18100	11100 J	8870	12100	7010	11700	15800	11100			6290	9300		
Manganese	3930	3230	620	291	77.5	129	283	67			38.6	103		
Mercury	0.2 U	0.2 U	3.5 J+	0.18 B	0.2	0.46	0.11 B	0.1 U			0.1 U	0.1 U		
Nickel	4.1 BJ	64	4.3 BJ	101	5.9 B	11.4 B	32.8 B	4.95 B			4.18 B	4.07 B		
Potassium	11400	8180 EJ	4430 BEJ	2900 B	1690 B	2600 B	3070 BJ	1860			1280	1790		
Selenium	3.7 BWNU	1.9 BWNU	3.9 UNJ	4.2 U	4.2 U	4.2 U	4.2 U	0.423 B			0.511 B	0.492 B		
Silver	22.8 NJ	85.1 NJ	528 EJ	1.4 U	1.4 U	1.4 U	1.4 U	0.069 U			0.034 U	0.034 U		
Sodium	250000	214000	156000	2350 B	151000	268000	260000	228000			81500	206000		
Thallium	3.5 U	3.5 U	5.4 BJ	4.7 U	4.7 U	4.7 U	1.9 U	0.224 U			0.112 U	0.112 U		
Vanadium	1 U	1.7 U	2 U	6 B	4.7 U	5.9 B	3 U	0.767 B			1.03 B	1.06 B		
Zinc	2.9 U	13.5 BU	5.4 BJ	23.9 B	39.1	42.9	8.5 B	8.74 B			9.37 B	12 B		

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		OMW-13													
		10/02/08	10/13/08	10/17/08	10/24/08	10/31/08	11/07/08	11/21/08	01/28/09	04/22/09	07/22/09	10/21/09	04/21/10	10/08/10	04/21/11
		OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13
Metals (µg/L)															
Metals	Aluminum			5220					230	5000	2620	84.9 J			
	Antimony			15.3					5.9 B	5.8 U	10 U	20 U			
	Arsenic			6.7					9.5	32 U	4.2 JB	10 U			
	Barium			124 B					55.7 B	105 B	101 J	75.5 J			
	Beryllium			0.3 U					0.3 U	0.3 U	2 U	2 U			
	Cadmium			0.4 U					0.4 U	0.4 U	8.5	5 U			
	Calcium			114000					103000	119000	114000 B	145000			
	Chromium			30400					13400	8510	4010	10600	2160	8170	5.2 J
	Cobalt			1.7 U					1.7 U	2.6 B	50 U	50 U			
	Copper			13.1 B					7.4 U	31.9	35.4	25 U			
	Hexavalent Chromium	21800	31400	26300	30900	29100	33800	29500	13400	8220	4040	11800	1960	8280	10 U
	Iron			8630					314	10100	5700	94.5 J			
	Lead			7.7					2.7 U	6.4	4.4 J	5 U			
	Magnesium			12300					9270	12700	11500	13900			
	Manganese			220					156	342	367	207			
	Mercury			0.42					0.1 U	0.23 B	0.2 U	0.2 U			
	Nickel			13.4 B					6 B	17.7 B	17 J	8.6 J			
	Potassium			3440 B					1670 B	2890 B	2370 J	2130 J			
	Selenium			4.2 U					4.2 U	4.2 U	5 U	5 U			
	Silver			1.4 U					1.4 U	1.4 U	10 U	10 U			
	Sodium			247000						112000	77400	154000			
	Thallium			4.7 U					4.7 U	4.7 U	10 U	10 U			
	Vanadium			9.7 B					4.7 U	9.1 B	7 J	50 U			
	Zinc			62.2					5.8 U	21.9 B	74	30 U			

[illegible]

		OMW-13					
		04/19/21	10/18/21	04/20/22	10/11/22	4/27/2023	10/20/2023
		OMW-13	OMW-13	OMW-13	OMW-13	OMW-13	OMW-13
Metals (µg/L)							
	Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Calcium						
	Chromium	5.9 J	13	10 U	774	54.9	10 U
	Cobalt						
	Copper						
	Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U
	Iron						
	Lead						
	Magnesium						
	Manganese						
	Mercury						
	Nickel						
	Potassium						
	Selenium						
	Silver						
	Sodium						
	Thallium						
	Vanadium						
	Zinc						

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-15													
		05/11/10	06/28/10	10/07/10	12/20/10	01/10/11	04/21/11	10/06/11	01/19/12	04/19/12	10/03/12	04/24/13	10/17/13	01/22/14	04/22/14
		OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-1S	OMW-15	OMW-15
Metals (µg/L)															
Chromium		1080	1020	916		1340	603	738	743	988	1140	717	1030	607	490
Hexavalent Chromium		930	1240	811	1330	1200	588	703	774	1000	1000	751	902	664	494

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		OMW-15													
		10/07/14	04/28/15	10/13/15	01/19/16	04/06/16	10/11/16	04/19/17	10/17/17	01/11/18	04/17/18	10/22/18	01/23/19	04/17/19	07/17/19
		OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15	OMW-15
Metals (µg/L)															
	Chromium	1020	446	1030 B	580	529	1010	214	925	823	73.3	10 U	10 U	10 U	10 U
	Hexavalent Chromium	831	409	1010	586	519	929	201	87.8	745	87.5	3.1 J	10 U	10 U	10 U

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-16													
		05/13/10	06/28/10	10/07/10	10/08/10	01/11/11	04/21/11	05/25/11	07/19/11	10/05/11	01/18/12	04/19/12	10/04/12	04/23/13	10/16/13
		OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16
Metals (µg/L)															
	Chromium	2000	2620	1860	4250	2690	7240	854	1920	159	582	2620	3840	290	274
	Hexavalent Chromium	1050	1890 J	3520	4610	2550	7390	652	2670	100 U	1420	1890	3130	100 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		OMW-16													
		04/23/14	10/08/14	04/30/15	10/13/15	01/21/16	04/05/16	10/18/16	04/20/17	10/10/17	04/10/18	10/24/18	01/25/19	04/23/19	10/24/19
		OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16
Metals (µg/L)															
	Chromium	84.4	568	24.5	180	102	107 J	159	9.6 J	50.2	7.1 J	10 U	13.5	10 U	10 U
	Hexavalent Chromium	100 U	50 U	10 U	50 U	10 U	10 U	50 U	8.2 J	500 U	10 U	10 U	10 U	10 U	12.6

		OMW-16							
		04/23/20	10/13/20	04/21/21	10/19/21	04/21/22	10/19/22	4/26/2023	10/24/2023
		OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16	OMW-16
Metals (µg/L)									
	Chromium	114		26.8	11.2	10 U	20.3	43.5	
	Hexavalent Chromium	10 U	200 U	10 U	10 U	10 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-17														
	05/13/10	06/28/10	01/11/11	04/21/11	10/05/11	01/18/12	04/19/12	10/04/12	01/23/13	04/23/13	10/15/13	04/23/14	04/30/15	01/21/16
	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17
Metals (µg/L)														
Chromium	102	570	177	77	117	148	578	575	86.4	157	197	15.1	25.7	15.5
Hexavalent Chromium	1000 U	5000 UJ	400 U	122	100 U	50 U	200 U	84.4	67.6	200 U	93.6	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		OMW-17												
		04/04/16	04/20/17	10/10/17	04/10/18	10/24/18	04/23/19	10/24/19	04/23/20	04/21/21	10/11/21	04/21/22	10/14/22	4/26/2023
		OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17	OMW-17
Metals (µg/L)														
	Chromium	67.1	100 U	10 U	27.8	781	10.4	296	7.6 J	85.8 J	29.5	8.9 J	380	5.9
	Hexavalent Chromium	50 U	10 U	10 U	10 U	500 U	10 U	10 U	10 U	10 U	20 U	10 U	1000 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-18														
	05/11/10	06/28/10	01/11/11	04/21/11	10/06/11	01/19/12	04/19/12	10/09/12	01/24/13	04/25/13	10/16/13	02/04/14	02/11/14	04/24/14
	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18	OMW-18
Metals (µg/L)														
Chromium	61.7	118	141	85.2	75.8	77.3	149	191	114	101	123	10 U	17.4	10 U
Hexavalent Chromium	48.4	47.6 J	113	73.3	81.6	64.9	117	104	82.1	57.4	135		10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

OMW-18				
	04/13/22	10/11/22	4/27/2023	10/20/2023
	OMW-18	OMW-18	OMW-18	OMW-18
Metals (µg/L)				
Chromium	10 U	10 U	42.6	10 U
Hexavalent Chromium	10 U	10 U	50 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-19													
		05/13/10	01/13/11	05/09/11	01/20/12	05/16/12	06/14/13	01/23/14	04/27/15	04/14/17	04/23/18	01/25/19	04/16/20	04/13/22	4/21/2023
		OMW-19	OMW-19	OMW-19	OMW-19	OMW-19	OMW-19	OMW-19	OMW-19	GMW-19	OMW-19	OMW-19	OMW-19	OMW-19	OMW-19
Metals (µg/L)															
Chromium		25600	174	57.2	90.6	814	520	966	38.3	53.8	43.8	192	217	36.7	148
Hexavalent Chromium		23200	20 U	10 U	10 U	10 U	20 U	17.9 J	10 U	10 U	10 U	128	50 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-2														
	10/14/03	11/04/03	10/27/05	01/25/07	04/26/07	07/26/07	10/25/07	01/23/08	03/12/08	04/23/08	07/24/08	10/17/08	01/28/09	04/22/09
	OMW-2	OMW-2	OMW-2	OMW-2	OMW-2	OMW-2	OMW-2	OMW-2	OMW-2_Grab	OMW-2	OMW-2	OMW-2	OMW-2	OMW-2
Metals (µg/L)														
Aluminum	2540	10600	641	3330	2060	553	1540	534		3050	2510	12600	12700	8030
Antimony	25.1 BJ	5 U	2.5 U	5.8 U	5.8 U	5.8 U	5.8 U	0.505 B		0.519 B	0.38 B	5.8 U	5.8 U	5.8 U
Arsenic	7.5 BJ	10.9 U	11.3	57.3	61.5	56.8	5.6 U	2 B		4.92	4.53	16.2	8.9	6.4
Barium	87.8 BJ	144 BJ	48.6 BJ	69 B	79.8 B	94.3 B	95.6 B	47.7		46	60.2	151 B	57.6 B	48.9 B
Beryllium	0.24 BJ	0.46 BJ	0.4 U	0.3 U	0.3 U	0.3 U	0.49 BU	0.074 B		0.158 B	0.124 B	1 B	0.3 U	0.92 B
Cadmium	0.3 U	0.42 BU	0.8 U	0.45 B	0.4 U	0.4 U	0.4 U	2.91 B		0.946 B	2.11 B	0.4 U	0.4 U	0.4 U
Calcium	52200	45100	78600	3570 B	485000	413000	466000	222000		157000	225000	497000	193000	152000
Chromium	64	163	168	115	60.1	26.5	140	64.6	264	136	97.7	422	376	293
Cobalt	1.1 U	6.7 BJ	1.9 U	5.2 B	1.8 B	1.7 U	3.7 B	1.71 B		4.38 B	2.82 B	11.8 B	7.9 B	5.6 B
Copper	6.3 BJ	19 BU	21.9 BJ	26.5	6.4 B	4.4 B	10 B	4.06 B		14.3	8.16	30.4	57.6	31.3
Hexavalent Chromium	10 U	10 UNJ	20 U	100 U	20 U	10 U	10 U	10 U	10 U	50 U	20 U	10 U	10 U	10 U
Iron	5840	15200	1780	6130	3330	1050 J	3650	1790		6920	5430	38700	18200	11700
Lead	14	15.3 U	5.6 J+	6.5	3 B	2.7 U	2.7 U	0.899 B		5.5	4.34	18.4	10.1	8.4
Magnesium	7000	7180	8110	18500	19400	23200	28100	18900		15200	18600	36600	17400	17000
Manganese	4760	4670	3840	3460	8050	8960	21400	4630		2210	7940	48300	9100	1380
Mercury	0.2 U	0.66	0.72 J-	1.4	0.62	0.22	0.41	0.1 U		1.17	1.11	5.5	1	2.6
Nickel	7.9 BJ	16.6 BJ	3.5 BJ	13.5 B	9.4 B	6.2 B	34.5 B	21.4		31.3	12.5	26.2 B	20.8 B	19.9 B
Potassium	9800	9520 EJ	5600 EJ	3820 B	3750 B	4430 B	5350 J	3530		3040	4150	7930	4380 B	4390 B
Selenium	2.2 BWNU	1.2 U	3.9 UNJ	4.2 U	4.2 U	4.2 U	4.2 U	0.226 B		0.383 B	0.365 B	4.2 U	4.2 U	4.2 U
Silver	1.8 UNR	2.6 UNJ	10.9 NJ-	1.4 U	1.4 U	1.4 U	1.4 U	0.034 U		0.084 B	0.034 U	1.4 U	1.4 U	1.4 U
Sodium	127000	83900 EJ	40800	49400	48200	59800	56200	49400		47100	67000	82900		58600
Thallium	3.5 U	3.5 UJ	2.9 U	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U		0.112 U	0.112 U	4.7 U	4.7 U	4.7 U
Vanadium	2.4 BJ	11.1 BJ	2 U	6.8 B	4.7 U	4.7 U	3 U	2.28 B		6.75	6.25	20.7 B	19.2 B	11.6 B
Zinc	6.3 BU	36.8 J	20 BU	30.2	5.8 U	5.8 U	5.8 U	9.86 B		27.6	21.9	79.2	61.8	54.5

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

[illegible]

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-21											
		10/07/11	04/18/12	10/09/12	06/12/13	02/03/14	10/10/14	04/27/15	04/26/17	04/18/18	04/28/20	04/21/22	4/25/2023
		OMW-21	OMW-21	OMW-21	OMW-21	OMW-21	OMW-21	OMW-21	OMW 21	OMW-21	OMW-21	OMW-21	OMW-21
Metals (µg/L)													
Chromium		264	136	23.1	18.8	7.4 J	47.8	73.1 J	82.5 J	152		264	27.4
Hexavalent Chromium		8.3 J	10 U	2.9 J	10 U	10 U	10 U	20 U	100 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-22											
	10/07/11	04/18/12	10/09/12	02/04/14	02/11/14	04/27/15	10/18/16	04/26/17	04/18/18	04/22/22	4/25/2023
	OMW-22	OMW-22	OMW-22	OMW-22	OMW-22	OMW-22	OMW-22	OMW 22	OMW-22	OMW-22	OMW-22
Metals (µg/L)											
Chromium	202	83.7	167	75.6	41.6	41.1	2410	486	55.1	13.3 F1J-	10 U
Hexavalent Chromium	500 U	100 U	3.9 J		50 U	10 U	20 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-23												
		10/07/11	01/18/12	04/19/12	10/04/12	04/23/13	04/23/14	04/30/15	01/21/16	04/05/16	04/24/17	04/10/18	04/19/21	04/21/22
		OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23	OMW-23
Metals (µg/L)														
Chromium		786	64.7	2070	1260	89.1	73.3	51.6	44.7	25.9	50.7	36.3	82	26.6
Hexavalent Chromium		1000 U	50 U	1020	2.7 J	10 U	10 U	10 U	5.4 J	50 U	2.8 J	6.4 J	10 U	10 UHJ-

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-24													
		10/06/11	01/19/12	04/19/12	10/03/12	04/24/13	10/17/13	04/22/14	10/07/14	04/28/15	10/13/15	01/19/16	04/06/16	10/11/16	04/19/17
		OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW 24
Metals (µg/L)															
Chromium		830	862	874	772	910	1460	494	675	397	657 B	705	246	1180	219
Hexavalent Chromium		770	569	700	721	421	383	519	224	365	468	450	98.5 J	317	249

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		OMW-24													
		04/25/17	10/17/17	01/11/18	04/17/18	10/23/18	01/23/19	04/17/19	07/17/19	10/17/19	04/15/20	01/13/21	04/12/21	04/13/21	10/14/21
		OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24	OMW-24FF	OMW-24	OMW-24FF	OMW-24
Metals (µg/L)															
	Chromium	365	500	708	319	52.9	331	283	586	395	246		87.9		232
	Hexavalent Chromium	10 U	490	387	246	50 U	141	10 U	50 U	91.6	214 J	10 U	39	70.6	10 U

OMW-24				
	04/13/22	10/11/22	4/19/2023	10/18/2023
	OMW-24	OMW-24	OMW-24	OMW-24
Metals (µg/L)				
Chromium	101	399	500	245
Hexavalent Chromium	84.6	46.3	100 U	100 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	OMW-26													
	10/11/12	04/23/13	06/11/13	04/22/14	04/29/15	10/12/15	01/20/16	10/12/16	04/26/17	10/09/17	04/12/18	10/29/18	01/23/19	04/18/19
	OMW-26	OMW-26	OMW-26	OMW-26	OMW-26	OMW-26	OMW-26	OMW-26	OMW 26	OMW-26	OMW-26	OMW-26	OMW-26	OMW-26
Metals (µg/L)														
Chromium	866	10.9	499	57.7	20.5	190 B	21.6	1390	43.8	66.7	9.6 J	50 U	14.2	16.7
Hexavalent Chromium	651	10 U	20 U	10 U	10 U	10 U	20	250 U	10 U	10 U	10 U	10 U	10 U	3.2 J

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		OMW-26							
		10/17/19	04/21/20	04/14/21	10/14/21	04/14/22	10/12/22	4/20/2023	10/19/2023
		OMW-26	OMW - 26	OMW-26	OMW-26	OMW-26	OMW-26	OMW - 26	OMW - 26
Metals (µg/L)									
	Chromium	308	21.9	10 U	10 U	22.6	345	86.4	38.6
	Hexavalent Chromium	10 U	10 UF1	10 U	10 U	10 U	20 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-27														
		09/06/12	04/22/14	04/29/15	10/12/15	04/25/17	04/12/18	10/23/18	10/22/19	04/21/20	04/14/21	10/14/21	04/14/22	10/17/22	4/20/2023	10/19/2023
		OMW-27	OMW-27	OMW-27	OMW-27	OMW 27	OMW-27	OMW-27	OMW-27	OMW - 27	OMW-27	OMW-27	OMW-27	OMW-27	OMW-27	OMW-27
Metals (µg/L)																
Chromium		508	83.3	113	1460 B	36.7	130	8480	772	112	28.8	40.9	143	461	317	3080
Hexavalent Chromium		140 HR	10 U	10 U	10 U	10 U	8.8 J	288	4.6 J	10 U	100 U	10 U	10 UF1	10 U	10 U	500 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	OMW-28													
	10/11/12	10/14/13	04/22/14	10/07/14	04/29/15	10/12/15	04/06/16	04/25/17	10/09/17	04/12/18	10/23/18	01/24/19	04/18/19	10/22/19
	OMW-28	OMW-28	OMW-28	OMW-28	OMW-28	OMW-28	OMW-2b	OMW-28	OMW-28	OMW-28	OMW-28	OMW-28	OMW-28	OMW-28
Metals (µg/L)														
Chromium	222	389	118	193	124	99.9 B	131	65	152	205	194	52.4	191	52.5
Hexavalent Chromium	209	10 U	4.9 J	10 U	5.4 J	10 U	10 U	3.7 J	10 U	10 U	10 U	10 U	4.4 J	5.8 J

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		OMW-28					
		04/21/20	10/14/21	04/14/22	10/17/22	4/20/2023	10/19/2023
		OMW - 28	OMW-28	OMW-28	OMW-28	OMW - 28	OMW - 28
Metals (µg/L)							
Chromium		152	10 U	110	83.2	695	326
Hexavalent Chromium		10 U	50 U	50 U	10 U	10 U	30.8

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-29														
		01/21/13	06/11/13	04/29/15	01/20/16	04/12/18	10/23/18	01/24/19	04/18/19	04/21/20	04/14/21	10/14/21	04/14/22	10/19/22	4/20/2023	10/19/2023
		OMW-29	OMW-29	OMW-29	OMW-29	OMW-29	OMW-29	OMW-29	OMW-29	OMW - 29	OMW-29	OMW-29	OMW-29	OMW-29	OMW-29	OMW-29
Metals (µg/L)																
Chromium		385	1090	79.2	10	64.4	99.8	399	59	6.2 J	9.6 J	7.5 J	126	389	144 J	255
Hexavalent Chromium		10 U	20 U	22.9	500	29.2	50 U	200 U	10 U	200 U	20 U	10 U	10 U	50 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-3														
	10/14/03	11/07/03	10/26/05	01/25/07	04/25/07	07/25/07	10/24/07	01/23/08	03/12/08	04/24/08	07/24/08	09/05/08	09/19/08	09/26/08
	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3
Metals (µg/L)														
Aluminum	40.2 BJ	15.8 U	10.4 UN	114 B	409	750	993	46.4 B		56400	1520			
Antimony	1010	239	144	5.8 U	5.8 U	5.8 U	5.8 U	0.278 B		1.41 B	0.162 B			
Arsenic	5.9 U	2.4 U	3.1 U	3.2 U	3.2 U	3.2 U	2.8 U	0.398 B		62.6	1.76 B			
Barium	21 BJ	30.8 BU	17.7 BJ	34.7 B	39.2 B	36.1 B	45.2 B	59.5		387	41.9			
Beryllium	0.2 U	0.2 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.025 U		2.92	0.084 B			
Cadmium	0.3 U	0.3 UJ	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.395 B		1.32 B	0.357 B			
Calcium	45700	49100 J	28800	78400	77900	69100	83100	132000		123000	66900			
Chromium	23900	24400	7380	9750	8850	11800	9030	9870	10700	7200	7800			3920
Cobalt	3.2 BJ	2 U	1.9 U	1.7 U	1.7 U	1.7 U	1.7 U	0.894 B		58.7	1.46 B			
Copper	1.7 U	2.8 U	25 BU	3.7 U	3.7 U	3.7 U	3.7 U	0.636 B		120	3.7 B			
Hexavalent Chromium	24000	31000	2500 U	8850	9300	11600	8120	9510	9260	5870	8810	3880	4690	3220
Iron	84.8 BJ	70.5 BU	48.4 BNJ+	76.1 B	641	1200	1480	76.2 B		114000	2350			
Lead	10.7 U	2.2 U	1.9 U	2.7 U	2.7 U	8.1 U	2.7 U	0.067 B		64.9	1.11 B			
Magnesium	5820	6080 J	3640 BJ	8570	8860	7860	9590	16200		33800	9730			
Manganese	49	62.8	21.9	338	412	390	417	1790		6740	1100			
Mercury	0.34	3.1	0.16 U	0.41	0.4	0.5	0.69	0.105 B		17.8	1.59			
Nickel	2.7 BJ	2.1 BJ	2.3 U	2.9 B	4.1 B	3.8 B	4.4 B	6.7		121	7.31			
Potassium	1550 BJ	1900 BEJ	1210 BEJ	1040 B	1090 B	1450 B	1780 BJ	1520		9620	1680			
Selenium	2.4 BNU	1.9 BWNU	3.9 UNJ	4.2 U	4.2 U	4.2 U	4.2 U	0.3 B		0.757 B	0.162 B			
Silver	464 NJ	618 NJ	393 EJ	1.4 U	1.4 U	1.4 U	1.4 U	0.034 U		1.34 B	0.034 U			
Sodium	49500	64200	32600	52600	48400	51700	52300	69100		58900	55000			
Thallium	9 BU	3.7 BJ	2.9 U	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U		0.406 B	0.112 U			
Vanadium	1 U	1.7 U	2 U	4.7 U	4.7 U	4.7 U	3 U	0.478 B		75.3	2.04 B			
Zinc	2.9 U	2.8 U	2.5 U	13.9 B	12.7 B	5.8 U	5.8 U	7.42 B		307	17.4 B			
Wet Chem (mg/L)														
Alkalinity - Bicarbonate				44.2	9.1	52.4	52.8	43.4		42.1	41.7			
Alkalinity - Carbonate				5 U	5 U	52.4	5 U	5 U		5 U	5 U			
Sulfate				163	179	96	231	351		325	155			
Sulfide				46.6	12.9	6.9	2.9	6		1 U	1 U			

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		OMW-3													
		10/13/08	10/16/08	10/24/08	10/31/08	11/07/08	11/21/08	12/03/08	02/06/09	04/22/09	07/23/09	10/22/09	04/21/10	10/07/10	12/20/10
		OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3	OMW-3
Metals (µg/L)															
	Aluminum		363						125 B	62.6 U	1950	200 U			
	Antimony		5.8 U						5.8 U	5.8 U	4.8 J	10 U			
	Arsenic		3.2 U						4.6 B	6.4 U	5 U	5 U			
	Barium		52.2 B						82.1 B	77.7 B	65.2 J	64.4 J			
	Beryllium		0.3 U						0.3 U	0.3 U	2 U	2 U			
	Cadmium		0.57 B						0.65 B	0.63 B	5 U	0.97 J			
	Calcium		103000						201000	178000	86000	138000			
	Chromium		5310						2810	1830	3200	3050	1720	2240	
	Cobalt		1.7 U						4.1 B	2.8 B	50 U	50 U			
	Copper		3.7 U						3.7 U	4.6 B	19.9 J	25 U			
	Hexavalent Chromium	4600	4370	200 U	3800	3480	3060	3450	2600	200 U	2550	2880	1590	1940	1370
	Iron		565						70.4 B	39.2 U	3160	110 J			
	Lead		2.7 U						2.7 U	2.7 U	5 U	5 U			
	Magnesium		11500						20200	19100	9520	14600			
	Manganese		1180						6300	7070	373	5100			
	Mercury		1.9						0.15 B	0.1 U	0.4	0.2			
	Nickel		5.8 B						18.3 B	14.7 B	7.8 J	11.6 J			
	Potassium		1660 B						1800 B	1690 B	1380 J	1900 J			
	Selenium		4.2 U						4.2 U	4.2 U	5 U	5 U			
	Silver		1.4 U						1.4 U	1.4 U	10 U	10 U			
	Sodium		67400						80900	76800	66400	79900			
	Thallium		4.7 U						4.7 U	4.7 U	10 U	10 U			
	Vanadium		4.7 U						6.5 B	4.7 U	3.7 J	50 U			
	Zinc		5.8 U						5.8 U	5.8 U	8.8 J	30 U			
Wet Chem (mg/L)															
	Alkalinity - Bicarbonate		36.7												
	Alkalinity - Carbonate		5 U												
	Sulfate		236							533	389	418			
	Sulfide		17.9							1 U	1 U	1 U			

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-30														
	09/07/12	10/11/12	01/23/13	09/04/13	10/15/13	01/23/14	10/10/14	04/30/15	01/27/16	04/05/16	10/18/16	04/20/17	04/10/18	10/24/18
	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30
Metals (µg/L)														
Chromium	1130	1140	1980	1920	2310	188	140	13.7	31.6	127	111	763	191	950
Hexavalent Chromium	1150	630	1870	1740	1390	50 U	20 U	10 U	10 U	10 U	53.3	10 U	10 U	93.7

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		OMW-30														
		01/25/19	04/23/19	10/24/19	04/23/20	10/13/20	01/14/21	04/21/21	10/11/21	04/21/22	10/14/22	11/10/2022		4/26/2023		10/24/2023
		OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30	OMW-30FF	OMW-30	OMW-30FF	OMW-30
Metals (µg/L)																
	Chromium	1430	2990	4080	684		244	117	374	437	28800	10400	19.6	88.7	109	203
	Hexavalent Chromium	968	1270	13.5 J	499	200 U	10 U	10 U	10 U	10 UHJ-	28400	40.7 U	8.1U	10 U		10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-31									
		09/05/12	06/12/13	10/10/14	05/01/15	01/27/16	04/20/17	04/17/18	04/23/20	04/21/22	4/25/2023
		OMW-31	OMW-31	OMW-31	OMW-31	OMW-31	OMW 31	OMW-31	OMW-31	OMW-31	OMW-31
Metals (µg/L)											
Chromium		681	27.1	1720	181	191	223	92.4	54.2	138	40.9
Hexavalent Chromium		500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	85.8	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-32													
		09/04/12	10/10/14	04/27/15	04/27/17	04/20/18	01/24/19	04/24/19	10/23/19	04/28/20	10/15/20	01/14/21	04/14/21	10/15/21	04/22/22
		OMW-32	OMW-32	OMW-32	OMW 32	OMW-32	OMW-32	OMW-32	OMW-32	OMW-32	OMW-32	OMW-32	OMW-32	OMW-32	OMW-32
Metals (µg/L)															
Chromium		978	960	1010	1030	1090	698	210	4800	753 U		15300	855	1110	560
Hexavalent Chromium		1160	865	1030	35.6 F1	50 U	396	10 U	142		10 U	117	379	565	463

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

OMW-32				
	06/29/22	10/18/22	4/25/2023	10/25/2023
	OMW-32	OMW-32	OMW-32	OMW-32
Metals (µg/L)				
Chromium	497	715	409	603
Hexavalent Chromium	485	367	494	528

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-38										
	04/19/18	10/23/18	04/16/19	04/15/20	01/13/21	04/13/21	10/12/21	04/12/22	4/18/2023	10/17/2023
	OMW-38	OMW-38	OMW-38	OMW-38	OMW-38	OMW-38	OMW-38	OMW-38	OMW-38	OMW-38
Metals (µg/L)										
Chromium	397	230	10 U	10.4 U	10 U	10 U	10.8	10 U	88.3	10
Hexavalent Chromium	319	100 U	10 U	10	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania								
Summary of Historical Groundwater Sample Result								
	OMW-39							
	01/11/18	04/19/18	04/16/20	10/13/21	04/12/22	10/10/22	4/18/2023	10/17/2023
	OMW-39	OMW-39	OMW-39	OMW-39	OMW-39	OMW-39	OMW-39	OMW-39
Metals (µg/L)								
Chromium	365	435	19.9	16.4	14.6	34.1	19.7	10
Hexavalent Chromium	347	303	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-4													
	10/14/03	11/07/03	10/26/05	01/25/07	04/25/07	07/25/07	10/24/07	01/23/08	04/23/08	07/24/08	10/16/08	01/14/09	01/29/09
	OMW-4	OMW-4	OMW-4D	OMW-4	OMW-4	OMW-4	OMW-4	OMW-4	OMW-4	OMW-4	OMW-4	OMW-4	OMW-4
Metals (µg/L)													
Aluminum	344	4020 J	3280 J	10.4 UN	66.9 B	327	14700	643	326	1080	2520	867	1710
Antimony	2730	890	897	837	5.8 U	5.8 U	5.8 U	5.8 U	0.496 B	0.36 B	0.288 B	5.8 U	4.9 U
Arsenic	14.7	4.5 BJ	3.1 BJ	15.5 U	3.2 U	3.2 U	6.9	2.8 U	0.876 B	0.972 B	1.59 B	3.2 U	6.8
Barium	41.4 BJ	87.4 BJ	80.3 BJ	32.8 BJ	136 B	91.3 B	161 B	68.2 B	50.4	39.1	54.2	34.6 B	71 B
Beryllium	0.2 U	0.2 U	0.2 U	0.4 U	0.3 U	0.3 U	0.97 B	0.39 B	0.136 B	0.169 B	0.262 B	0.3 U	0.1 U
Cadmium	0.3 U	0.3 UJ	0.3 UJ	0.8 U	4.2	3.9 B	4.5	5	4.45 B	3.71 B	4.17 B	1 B	0.5 U
Calcium	63000	64000 J	65100 J	35900	2210 B	234000	304000	283000	271000	187000	250000	481000	491000
Chromium	62400	67600	86000	44800	28600	14200	23000	17200	15000	15900	25600	188	172
Cobalt	15.3 BJ	2.7 BJ	3.2 BJ	2.1 BJ	2.7 B	8 B	19 B	8.8 B	7.68	7.69	8.91	4.6 B	3.5 U
Copper	4.3 BJ	19.3 BU	29.9	25 BU	3.7 U	7.7 B	65.1	9.7 B	6.55	10.3	28	3.7 U	3.5 B
Hexavalent Chromium	68000	118000	110000	10000 U	12100	14200	19900	16400	16100	13200	25800	100 U	10 U
Iron	679	5830 J	5030 J	43.8 BNJ	84.7 B	163	26100	808	409	2090	3840	1490	3590
Lead	12.8	2.3 BU	2.2 U	1.9 U	2.7 U	2.7 U	10.2	2.7 U	0.448 B	1.26 B	2.46	2.7 U	2.2 U
Magnesium	8320	9320 J	9430 J	4990 BJ	21600	22700	31900	24500	24600	17300	23500	11700	27500
Manganese	408	613	611	177	8950	17500	22500	20000	17700	14000	16500	2160	46100
Mercury	3.8	0.2 U	0.2 U	2.8 J+	26.6	3.8	50.5	4.5	1.45	1.02	4.25	6.5	4
Nickel	14 BJ	52.2	61.8	2.3 U	11.6 B	17 B	80.2	21.1 B	18.6	21.8	24.6	17.1 B	3.9 U
Potassium	8960	10900 EJ	11400 EJ	4920 BEJ	5100	5140 B	9440	5640 J	6120	4360	6430	3030 B	5630
Selenium	2.6 BNU	2.8 BWNU	1.2 USJ	19.5 UNJ	4.2 U	4.2 U	4.2 U	4.2 U	0.758 B	0.556 B	0.551 B	4.2 U	4.8 U
Silver	1250 NJ	2320 NJ	2270 NJ	2250 EJ	1.4 U	1.4 U	1.4 U	1.4 U	0.034 U	0.034 U	0.034 U	1.4 U	1.2 U
Sodium	66200	94400	95700	68500	96300	99800	122000	94100	93300	70700	87100	69900	179000
Thallium	21.8	16.9	17.3	11.3	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	0.2 B	0.112 U	4.7 U	4.8 U
Vanadium	1 U	1.7 U	1.7 U	10 U	4.7 U	4.7 U	16.5 B	3 U	0.574 B	2.04 B	3.54 B	4.7 U	1.5 U
Zinc	3.7 BU	2.8 U	2.8 U	12.5 U	12 B	23.5 B	91.4	26.6 B	28.7	29.6	43.6	24.6 B	7.4 B

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

W - Post digestion spike for Furnace Atomic Absorption analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

[illegible]

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	OMW-40														
	01/11/18	04/18/18	01/22/19	04/16/19	07/17/19	10/16/19	04/14/20	01/13/21	04/13/21	10/12/21	04/12/22	10/11/22	11/10/2022	4/18/2023	10/17/2023
	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40	OMW-40
Metals (µg/L)															
Chromium	744	473	513	490	578	872	411	109	225	216	180	455	487	287	10
Hexavalent Chromium	747	338	366	148	446	37.8	323	1000 U	143	10 U	88.3	326	303	244	100

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania												
Summary of Historical Groundwater Sample Result												
	OMW-41											
	04/17/18	01/22/19	04/16/19	07/17/19	10/15/19	01/13/21	04/13/21	10/12/21	04/12/22	10/11/22	4/18/2023	10/17/2023
	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41	OMW-41
Metals (µg/L)												
Chromium	396	216	324	232	729	649	221	69.6	102	176	169	10
Hexavalent Chromium	243	58.6	170	88	8.9 J	10 U	10 U	10 U	27.9	10 U	104	10

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-42						
		01/11/18	04/18/18	10/12/21	04/12/22	10/11/22	4/18/2023	10/16/2023
		OMW-42	OMW-42	OMW-42	OMW-42	OMW-42	OMW-42	OMW-42
Metals (µg/L)								
Chromium		107	141	94.6	113	111	241	238
Hexavalent Chromium		88.8	97.1	10 U	12.5	10 U	147	155

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-43						
		01/11/18	04/18/18	04/14/20	10/13/21	04/13/22	10/11/22	10/18/2023
		OMW-43	OMW-43	OMW-43	OMW-43	OMW-43	OMW-43	OMW-43
Metals (µg/L)								
Chromium		115	175	191	275	83.2	66.2	105
Hexavalent Chromium		50.3	107	140	10 U	10 U	10 U	30.5

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-44												
	09/04/18	10/23/18	04/17/19	07/17/19	10/16/19	04/15/20	04/13/21	10/12/21	04/12/22	10/10/22	4/18/2023	10/17/2023
	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44	OMW-44
Metals (µg/L)												
Chromium	286	580	10 U	27.8	1220	37.9 U	13.8	12.8	5.8 J	21	7.8 J	10 J
Hexavalent Chromium	18.2 J	216	10 U	10 U	2170	10	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-45			
	04/13/22	10/11/22	10/18/2023
	OMW-45	OMW-45	OMW-45
Metals (µg/L)			
Chromium	17.6	53.7	20.4
Hexavalent Chromium	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-46							
	01/13/21	04/12/21	10/13/21	04/13/22	10/11/22	4/19/2023	10/16/2023
	OMW-46	OMW-46	OMW-46	OMW-46	OMW-46	OMW-46	OMW-46
Metals (µg/L)							
Chromium	45.7	12.6	20	15.4	59.4	185	141
Hexavalent Chromium	40.4	10 U	10 U	10 U	55.2	132	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	OMW-47					
	04/13/21	10/13/21	04/12/22	10/11/22	4/19/2023	10/16/2023
	OMW-47	OMW-47	OMW-47	OMW-47	OMW-47	OMW-47
Metals (µg/L)						
Chromium	10 U	6.7 J	21.5	728	234	210
Hexavalent Chromium	10 U	10 U	10 U	10 U	67.8	175

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-48						
		01/13/21	04/12/21	10/12/21	04/12/22	10/10/22	4/18/2023	10/16/2023
		OMW-48	OMW-48	OMW-48	OMW-48	OMW-48	OMW-48	OMW-48
Metals (µg/L)								
Chromium		3550	49.5	47.5	93	141	79.1	78
Hexavalent Chromium		139	49.5	43.7	50.9	98.3	69.7	75.1

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-49					
	04/13/21	04/14/22	10/12/22	4/20/2023	10/19/2023
	OMW-49	OMW-49	OMW-49	OMW-49	OMW-49
Metals (µg/L)					
Chromium	17.1	92.9	224	449	176
Hexavalent Chromium	10 U	60.8	50 U	10 U	121

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-5					
		03/25/08	04/22/10	04/27/11	10/06/11	04/24/17	04/21/22
		OMW-5_Grab	OMW-5	OMW-5	OMW-5	OMW-5	OMW-5
Metals (µg/L)							
Chromium		275	56.1	14.8	7.9 J	7.7 J	5.7 J
Hexavalent Chromium		22.2	10 U	2.9 J	4 J	272	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

OMW-50				
	04/13/21	04/14/22	4/20/2023	10/19/2023
	OMW-50	OMW-50	OMW-50	OMW-50
Metals (µg/L)				
Chromium	10 U	31.8	200 U	77.1 J
Hexavalent Chromium	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-6													
		10/14/03	11/07/03	10/26/05	01/25/07	04/25/07	07/25/07	10/24/07	01/23/08	04/24/08	07/23/08	10/16/08	02/06/09	04/22/09	07/22/09
		OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6	OMW-6
Metals (µg/L)															
Aluminum		39 U	49.2 BU	10.4 UN	62.6 U	62.6 U	62.6 U	136 B	219	3230	4870	591	611	378	987
Antimony		91.2	14.3 BJ	26 BJ	5.8 U	5.8 U	5.8 U	5.8 U	0.387 B	0.15 B	0.174 B	5.8 U	5.8 U	5.8 U	10 U
Arsenic		5.9 U	2.4 U	3.1 U	3.2 U	3.2 U	3.2 U	2.8 U	0.386 B	2.54	4.18	3.2 U	3.2 U	6.4 U	5 U
Barium		26.7 BJ	38.5 BU	25.7 BJ	21.1 B	19.8 B	23.4 B	24.4 B	25.4	42.2	66.1	27.5 B	24.9 B	23.8 B	28.6 J
Beryllium		0.2 U	0.2 U	0.4 U	0.3 U	0.3 U	0.3 U	0.3 U	0.026 B	0.141 B	0.23 B	0.3 U	0.3 U	0.3 U	2 U
Cadmium		0.3 U	0.3 UJ	0.8 U	0.4 U	0.4 U	0.4 U	0.4 U	0.14 B	0.135 U	0.178 B	0.4 U	0.4 U	0.4 U	5 U
Calcium		53400	58200 J	49000	43200	39100	46000	44200	45600	40200	42100	44900	43500	45000	40700 B
Chromium		1640	1710	1570	1560	1280	1820	1720	1420	1380	1510	1620	1370	1420	1530
Cobalt		1.1 U	2 U	1.9 U	1.7 U	1.7 U	1.7 U	1.7 U	0.198 B	2.14 B	3.73 B	1.7 U	1.7 U	1.7 U	50 U
Copper		1.7 U	2.8 U	25 BU	3.7 U	3.7 U	3.7 U	3.7 U	0.494 B	4.49 B	9.68	3.7 U	33.8	3.7 U	24.3 J
Hexavalent Chromium		1650	1600	500 U	1440	1280	1570	1430	1320	1200	165	1440	1290	1270	1480
Iron		47 U	67.5 BU	30.6 BNJ+	46.8 B	76.2 B	39.2 U	196	242	4030	7300	814	624	525	1300
Lead		15.2	2.5 BU	1.9 U	2.7 U	2.7 U	2.7 U	2.7 U	0.187 B	2.28	5.16	2.7 U	2.7 U	2.7 U	5 U
Magnesium		5640	6080 J	4800 BJ	4210 B	3890 B	4590 B	4420 B	5510	5370	6760	4500 B	4330 B	4580 B	4290 J
Manganese		19	21.3	17.2	5.7 B	13.7 B	4.8 B	7.6 B	14.8	150	358	39.3	18.5	17	44.1
Mercury		0.2 U	0.2 U	0.16 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U
Nickel		2.9 BJ	2.4 BJ	2.3 U	2.4 U	2.4 U	2.4 U	2.4 U	0.904 U	4.95 B	8.57	2.4 U	3.8 B	2.4 U	40 U
Potassium		1730 BJ	2140 BEJ	1530 BEJ	777 B	728 B	1080 B	1350 BJ	1040	1820	2460	1240 B	1060 B	1020 B	1130 J
Selenium		2.8 BNU	1.2 UNJ	3.9 UNJ	4.2 U	4.2 U	4.2 U	4.2 U	0.208 B	0.153 B	0.164 B	4.2 U	4.2 U	4.2 U	5 U
Silver		30.6 NJ	38.8 NJ	88.3 EJ	1.4 U	1.4 U	1.4 U	1.4 U	0.034 U	0.056 B	0.034 U	1.4 U	1.4 U	1.4 U	10 U
Sodium		52600	71200	51900	51000	46400	55600	57400	63700	54100	55800	60100	51800	55300	53200
Thallium		3.5 U	3.5 U	2.9 U	4.7 U	4.7 U	4.7 U	1.9 U	0.112 U	0.112 U	0.112 U	4.7 U	4.7 U	4.7 U	10 U
Vanadium		1 U	1.7 U	2 U	4.7 U	4.7 U	4.7 U	3 U	0.854 B	4.24 B	5.89	4.7 U	6 B	4.7 U	50 U
Zinc		2.9 U	2.8 U	2.5 U	5.8 U	6.2 B	5.8 U	5.8 U	5.01 B	17.5 B	28.4	5.8 U	5.8 U	5.8 U	33.2

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

B - The reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated due to the presence of interference.

N - The spiked sample recovery was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

[illegible]

[illegible]

		OMW-6				
		10/15/21	04/22/22	10/18/22	4/25/2023	10/25/2023
		OMW-6	OMW-6	OMW-6	OMW-6	OMW-6
Metals (µg/L)						
	Aluminum					
	Antimony					
	Arsenic					
	Barium					
	Beryllium					
	Cadmium					
	Calcium					
	Chromium	7.4 J	19.7	10 U	10 U	10 U
	Cobalt					
	Copper					
	Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U
	Iron					
	Lead					
	Magnesium					
	Manganese					
	Mercury					
	Nickel					
	Potassium					
	Selenium					
	Silver					
	Sodium					
	Thallium					
	Vanadium					
	Zinc					

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		OMW-10							
		04/27/11	10/05/11	04/25/14	05/01/15	04/24/17	04/18/18	04/19/21	04/19/22
		OMW-10	OMW-10	OMW-10	OMW-10	OMW 10	OMW-10	OMW-10	OMW-10
Metals (µg/L)									
Chromium		225	220	170	228	223	213	2860	975
Hexavalent Chromium		168	241	169	170	186	136	500 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2007E													
		09/11/08	11/21/08	01/14/09	04/13/10	01/14/11	04/22/11	05/25/11	04/18/12	08/15/12	10/17/13	10/13/14	04/23/15	01/27/16	04/24/17
		SB-E	SB-E	SB-E	SB-2007 E	SB-E	SB-E	SB-E	SB-E	SB-E	SB-E	SB-E	SBE	SB-E	SB-E
Metals (µg/L)															
Chromium		24500			47800	77100	98600	65400	2050	4150	152	509	422	98.7	385
Hexavalent Chromium		5000 U	200 U	126	35200	45400	61700	61500	25 J	200 U	10 U	10 U	10 U	100 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		SB-2007E					
		04/11/18	04/16/19	04/20/20	04/19/22	4/17/2023	
		SB-E	SB-E	SB-E	SB-E	SB-E	SB-E-FF
Metals (µg/L)							
	Chromium	613	16200	533	211	29400	
	Hexavalent Chromium	10 U	1000 U	10 U	10 U	500 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-1													
		03/24/08		08/25/08	09/11/08	10/31/08	11/07/08	11/21/08	01/14/09	01/28/09	04/22/09	07/22/09	10/23/09	04/21/10	10/06/10
		SB-2008-1	SB-2008-1_D	SB-2008-1	SB-1	SB-1	SB-2008-1	SB-1	SB-1	SB-2008-1	SB-2008-1	SB-2008-1	SB-2008-01	SB-2008-1	SB-2008-1
Metals (µg/L)															
Chromium		81600	92000	7860	138					437	236	305	1610	2850	3560
Hexavalent Chromium		80700	79000	100 U		4000 U	10 U	10 U	10 U	10 U	10 U	10 U	500 U	10 U	379

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		SB-2008-1													
		06/08/11	10/04/11	01/20/12	04/25/13	10/16/13	04/23/15	10/15/15	01/22/16	04/08/16	10/11/16	04/13/17	10/17/17	04/09/18	10/26/18
		SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1	SR-1	SB-1	SB-1	SB-1	SB-1	SB-1	SB-1
Metals (µg/L)															
	Chromium	1040	2720	4970	3310	557	933	265	368	563	94.4	109	107	78.5	403
	Hexavalent Chromium	10 U	1380	500 U	100 U	5.7 J	50 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-10													
		03/17/08	04/24/08	09/02/08	09/05/08	09/11/08	09/19/08	09/26/08	10/02/08	10/13/08	10/17/08	10/24/08	10/31/08	11/07/08	11/21/08
		SB-2008-10-GW	SB-2008-10	SB-10	SB-10	SB-10	SB-10	SB-10	SB-2008-10	SB-10	SB-08-10	SB-10	SB-10	SB-2008-10	SB-10
Metals (µg/L)															
Chromium		7690													
Hexavalent Chromium		8080	7930	3070	3260	9530	3280	2780	2890	3820	3660	4050	2060	2790	2940

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		SB-2008-10													
		01/14/09	01/29/09	04/22/09	07/23/09	10/22/09	04/22/10	10/07/10	12/20/10	01/11/11	04/21/11	10/06/11	01/18/12	04/19/12	01/24/13
		SB-10	SB-2008-10	SB-2008-10	SB-2008-10	SB-2008-10	SB-2008-10	SB-2008-10	SB-10	SB-10	SB-10	SB-10	SB-10	SB-10	SB-10
Metals (µg/L)															
	Chromium		4390	3920	2600	2660	2570	2250		2080	658	719	1130	966	149
	Hexavalent Chromium	5340	4390	3550	3220	990 J	2360	1990	1100	2180	640	701	1120	915	10 U

		SB-2008-10													
		04/24/13	10/16/13	02/04/14	02/11/14	04/24/14	10/09/14	04/27/15	10/14/15	01/22/16	04/07/16	10/14/16	04/27/17	10/11/17	04/20/18
		SB-10	SB-10	SB-10	SB-10	SB-10	SB-10	SB-10	SB-10	SR-10	SB-10	GR-10	SB 10	SB-10	SB-10
Metals (µg/L)															
	Chromium	282	318	173	64.3	168	61.1	113	138	80.6	156	194	319	471	213
	Hexavalent Chromium	10 U	74.5		10 U	10 U	10 U	5.2 J	10 U	10 U	10 U	4.9 J	22.2	10 U	64.3

[illegible]

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-11											
		10/13/08	11/21/08	04/13/10	01/17/11	04/28/11	04/22/15	04/24/17	04/11/18	04/15/19	04/16/20	04/15/22	4/17/2023
		SB-11	SB-11	SB-2008-11	SB-11	SB-11	SB-11	SB-11	SB-11	SB-11	SB-11	SB-11	SB-11
Metals (µg/L)													
Chromium				1360	69.2	13	48	74.8	90.1	227	56	41.4	47
Hexavalent Chromium		500 U	200 U	10 U	50 U	10 U	10 U	2.8 J	10 UF1	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

SB-2008-12													
	10/02/08	10/13/08	11/21/08	04/13/10	04/28/11	05/15/12	04/22/15	04/24/17	04/10/18	04/15/19	04/16/20	04/15/22	4/17/2023
	SB-2008-12	SB-12	SB-12	SB-2008-12	SB-12	SB-12	SB-12	SB-12	SB-12	SB-12	SB-12	SB-12	SB-12
Metals (µg/L)													
Chromium				933	70	18.1	31.6	31.2	40	42.3	25.7	19.5	26.2
Hexavalent Chromium	10 U	100 U	500 U	10 U	96.2 J	2.9 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-13						
		10/02/08	10/13/08	11/21/08	04/13/10	04/10/18	04/15/22	4/19/2023
		SB-2008-13	SB-13	SB-13	SB-2008-13	SB-13	SB-13	SB-13
Metals (µg/L)								
Chromium					31.7	28.1	31.7	11.1
Hexavalent Chromium		26200	39900	5000 U	250 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-14									
		09/26/08	10/02/08	12/12/08	01/14/09	04/13/10	04/22/15	04/14/17	04/09/18	04/17/20	4/20/2023
		SB-14	SB-2008-14	SB-14	SB-14	SB-2008-14	SB-14	SB-14	SB-14	SB-14	SB-14
Metals (µg/L)											
Chromium						9.5 J	17.5	31.3	57.3	27	50
Hexavalent Chromium		20900	13400	40000 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-15													
		09/26/08	10/02/08	12/12/08	04/13/10	10/07/10	04/22/11	05/15/12	06/13/12	08/15/12	04/26/17	04/11/18	04/22/20	4/20/2023	
		SB-15	SB-2008-15	SB-15	SB-2008-15	SB-15	SB-15	SB-15	SB-15	SB-15	SB 15	SB-15	SB-15	SB-15	
Metals (µg/L)															
Chromium					87800	80400	4810	17200	32500	29000	4650	5680	4160	138000	
Hexavalent Chromium		346000	545000	500 U	99400	71500	10 U	9570	7350	22100	100 U	10 U	10 U	270	

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-16					
		11/14/08	11/21/08	04/13/10	04/11/18	04/15/22	4/21/2023
		SB-16	SB-16	SB-2008-16	SB-16	SB-16	SB-16
Metals (µg/L)							
Chromium				260	15.9	7 J	11.2
Hexavalent Chromium		1000 U	496	3600 J	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-19			
		11/25/08	12/01/08	04/13/10	04/21/20
		SB-2008-19	SB-2008-19	SB-2008-19	SB-19
Metals (µg/L)					
Chromium				82.1	
Hexavalent Chromium		14100	29600	53600	10 U
					10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-2													
		03/25/08	04/24/08	09/02/08	09/05/08	09/11/08	10/31/08	11/07/08	11/21/08	04/22/09	07/22/09	10/23/09	04/21/10	10/06/10	01/11/11
		SB-2008-2-GW	SB-2008-02	SB-2	SB-2	SB-2	SB-2	SB-2008-2	SB-2	SB-2008-2	SB-2008-2	SB-2008-02	SB-2008-2	SB-2008-2	SB-2
Metals (µg/L)															
Chromium		108000								12300	50200	14100	72000	56700	5480
Hexavalent Chromium		114000	35700	12300	5880	5000 U	100 U	400 U	10 U	50 U	8560	523	29.9 J	20 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		SB-2008-2													
		04/20/11	10/04/11	01/19/12	04/18/12	10/02/12	04/25/13	10/16/13	01/23/14	10/09/14	10/30/14		04/23/15	10/15/15	01/20/16
		SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2 (Filtered)	SB-2 (Unfiltered)	SB-2	SB-2	SB-2
Metals (µg/L)															
	Chromium	1670	7760	5750	642	5040	1300	2300	3250	14600	6 J	479	3200	1010	1860
	Hexavalent Chromium	10 U	10 U	10 U	10 U	50 U	10 U	10 U	3.6 J	6250	10 U	10 U	10 U	10	10 U

		SB-2008-2													
		04/08/16	10/11/16	04/13/17	10/13/17	01/11/18	04/12/18	10/26/18	04/17/19	10/16/19	04/14/20	10/13/20	10/28/20	04/16/21	10/14/21
		SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2	SB-2-FF	SB-2	SB-2
Metals (µg/L)															
	Chromium	937	1880	2760	17200	642	309	3260	1290	1080			8.7 J	729	380
	Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	15.9	50 U	10 U		10 U	10 U

SB-2008-2				
	04/18/22	10/13/22	4/20/2023	10/20/2023
	SB-2	SB-2	SB-2	SB-2
Metals (µg/L)				
Chromium	353	475	494	206
Hexavalent Chromium	10 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-20									
		12/01/08	12/18/08	04/13/10	01/17/11	04/22/11	06/13/13	04/22/15	04/10/18	04/16/20	4/19/2023
		SB-2008-20	SB-2008-20	SB-2008-20	SB-20	SB-20	SB-20	SB-20	SB-20	SB-20	SB-20
Metals (µg/L)											
Chromium				27.5	21.2	9.2 J	28.2	43.5	14.5	10 U	6.7 J
Hexavalent Chromium		22000	4970	10 U	50 U	50 U	4.2 J	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-3													
		09/02/08	09/05/08	09/11/08	09/26/08	10/02/08	11/21/08	01/29/09	04/13/10	01/14/11	04/20/11	04/29/11	01/19/12	05/15/12	06/18/13
		SB-3	SB-3	SB-3	SB-3	SB-2008-3	SB-3	SB-2008-3	SB-2008-3	SB-3	SB-3	SB3	SB-3	SB-3	SB-3
Metals (µg/L)															
Chromium								20200	749	27800	140	717	76.4	32.2	8480
Hexavalent Chromium		1500	1070	200 U	200 U	3280	20 U	10 U	1000 U	84.5 J	10 U	10 U	10 U	10 U	4.2 J

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		SB-2008-3					
		01/23/14	04/22/15	04/13/17	04/12/18	04/17/20	04/18/22
		SB-3	SB-3	SB-3	SB-3	SB-3	SB-3
Metals (µg/L)							
Chromium		34.8	43.4	37.6	79.6	35.1	26.7
Hexavalent Chromium		3.6 J	10 U	10 U	10 U	9.3 J	18.9

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-4													
		08/29/08	09/02/08	09/05/08	09/11/08	09/19/08	09/26/08	10/02/08	10/13/08	10/17/08	10/24/08	10/31/08	11/07/08	11/21/08	01/14/09
		SB-4	SB-4	SB-4	SB-4	SB-4	SB-4	SB-2008-4	SB-4	SB-08-4	SB-4	SB-4	SB-2008-4	SB-4	SB-4
Metals (µg/L)															
Chromium															
Hexavalent Chromium		5090	3850	2120	1020	5420 J	675	10 U	10 U	265	2000	1000 U	2000 U	20 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-5													
		08/29/08	09/05/08	09/11/08	09/26/08	10/02/08	10/31/08	11/07/08	11/21/08	01/14/09	04/14/10	01/12/11	04/27/11	05/16/12	02/03/14
		SB-5	SB-5	SB-5	SB-5	SB-2008-5	SB-5	SB-2008-5	SB-5	SB-5	SB-2008-5	SB-5	SB-5	SB-5	SB-5
Metals (µg/L)															
Chromium											79.1	10.8	12.8	11.2	10 U
Hexavalent Chromium		10 U	38.1	200 U	50 U	100 U	100 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	50 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

		SB-2008-5					
		04/27/15	04/24/17	04/17/18	04/24/20	04/22/22	4/25/2023
		SB-5	SB-5	SB-5	SB-5	SB-5	SB-5
Metals (µg/L)							
	Chromium	28.2	17.7	34.3	7.4 J	6.7 J	34.6
	Hexavalent Chromium	10 U	10 U	10 U	10 U	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

SB-2008-6														
03/12/08					09/05/08	09/11/08	09/19/08	09/26/08	10/02/08	10/13/08	10/17/08	10/24/08	10/31/08	11/07/08
SB-2008-6_GW		SB-2008-6-GW-2	SB-2008-6-GWFilter	SB-2008-6-GWFilter_Diss	SB-6	SB-6	SB-6	SB-6	SB-2008-6	SB-6	SB-08-6	SB-6	SB-6	SB-2008-6
Metals (µg/L)														
Chromium		8170		9160	7590									
Hexavalent Chromium		8820	9830	8540	8760	1670	2230	1660	2090	1950	2260	1910	161	1320 2430

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		SB-2008-6													
		11/21/08	12/03/08	04/14/10	04/27/11	05/16/12	10/09/12	04/24/13	04/24/14	04/27/15	10/16/15	04/07/16	10/12/16	04/27/17	10/11/17
		SB-6	SB-6	SB-2008-6	SB-6	SB-6	SB-6	SB-6	SB-6	SB-6	SB-6	SB-6	SB-6	SB 6	SB-6
Metals (µg/L)															
	Chromium			1920	944	852	824	337	90.2	169	4670	26.8	9810	2630	492
	Hexavalent Chromium	1920	1270	1930	798	811	702	121	10 U	10 U	50 U	10 U	20 U	10 U	5.7 J

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-7												
		03/06/08	08/25/08	08/29/08	09/02/08	09/05/08	09/11/08	09/19/08	09/26/08	10/02/08	10/13/08	10/17/08	10/24/08	10/31/08
		SB-2008-7-GW	SB-2008-7-GW-D	SB-2008-7	SB-7	SB-7	SB-7	SB-7	SB-7	SB-2008-7	SB-7	SB-2008-7	SB-7	SB-7
Metals (µg/L)														
Chromium		6160	840	11600										
Hexavalent Chromium		997 J-	1220 R	10900	4990	5270	4810	3860	3050 J	2800	270	2300	23.6	1730 642

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

		SB-2008-7													
		11/07/08	11/21/08	01/14/09	04/14/10	01/12/11	05/10/11	05/16/12	01/24/13	06/12/13	01/24/14	04/21/15	04/25/17	04/16/18	04/20/20
		SB-2008-7	SB-7	SB-7	SB-2008-7	SB-7	SB-7	SB-7	SB-7	SB-7	SB-7	SB-7	SB-7	SB-7	SB-7
Metals (µg/L)															
	Chromium				40900	9150	5330	847	395	1890	1590	2660	1270	2920	4620
	Hexavalent Chromium	100 U	20 U	10 U	8640	1180	284	10 U	5.7 J	10 U	4.7 J	10 U	10 U	10 U	10 U

		SB-2008-7	SB-2008-7
		04/19/22	4/21/2023
		SB-7	SB-7
Metals (µg/L)			
	Chromium	1550	1930
	Hexavalent Chromium	10 U	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2008-9													
		08/25/08	09/11/08	10/31/08	11/07/08	11/21/08	01/14/09	04/14/10	01/12/11	05/10/11	05/16/12	04/24/15	04/26/17	04/16/18	04/20/20
		SB-2008-9	SB-9	SB-9	SB-2008-9	SB-9	SB-9	SB-2008-9	SB-2008-9	SB-9	SB-9	SB-9	SB 9	SB-9	SB-9
Metals (µg/L)															
Chromium		13400	177					34600	4060	1110	1640	3240	1280	299	64.6
Hexavalent Chromium		10 U		200 U	200 UR	20 U	10 U	25900	10 U	10 U	20 U	10 U	5.1 J	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

SB-2008-9

04/19/22

SB-9

Metals (µg/L)		
	Chromium	176
	Hexavalent Chromium	10 U

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2010-21							
		05/11/10	05/09/11	04/24/15	04/13/17	04/09/18	04/16/20	04/13/22	4/17/2023
		SB-2010-21	SB-21	SB-21	SB-21	SB-21	SB-21	SB-21	SB-21
Metals (µg/L)									
Chromium		377	19.4	116	92.5	87.7	163	16.6	22.2
Hexavalent Chromium		173	2.7 J	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

SB-2010-22												
	05/13/10	01/11/11	05/25/11	01/20/12	05/15/12	06/12/13	04/27/15	04/26/17	04/09/18	04/17/20	04/19/22	4/26/2023
	SB-2010-22	SB-22	SB-22	SB-22	SB-22	SB-22	SB-22	SB 22	SB-22	SB-22	SB-22	SB-22
Metals (µg/L)												
Chromium	4690	5340	672	90.7	572	179	59.6	32.3	20.1	21.3	10 U	13.6
Hexavalent Chromium	4630	1050	520	10 U	100 U	10 U	1000 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2010-23								
		05/11/10	05/09/11	04/24/15	04/14/17	04/21/17	04/09/18	04/16/20	04/19/22	4/21/2023
		SB-2010-23	SB-23	SB-23	SB-23	SB23	SB-23	SB-23	SB-23	SB-23
Metals (µg/L)										
Chromium		17500	60.3	173	215	879	100	38.7	17.9	21.5
Hexavalent Chromium		16900	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2010-24				
		05/11/10	10/07/11	04/16/18	04/19/22	4/25/2023
		SB-2010-24	SB-24	SB-24	SB-24	SB-24
Metals (µg/L)						
Chromium		8630	910	19	9.5 J	21.6
Hexavalent Chromium		8510	877	10 U	10 U	10 u

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2010-25														
		05/11/10	10/07/10	04/22/11	04/18/12	08/15/12	06/14/13	10/17/13	10/13/14	04/23/15	01/27/16	04/19/18	04/17/20	04/19/22	4/17/2023	4/17/2023
		SB-2010-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25	SB-25FF
Metals (µg/L)																
Chromium		508000	270000	432	7.5 J	691	350	361	207	342	90.8	363	715	147	195	46.3
Hexavalent Chromium		598000	314000	11 J	50 U	20 U	100 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Note

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

		SB-2010-26								
		05/11/10	10/07/10	05/10/11	04/24/15	04/26/17	04/16/18	04/20/20	04/19/22	4/25/2023
		SB-2010-26	SB-26	SB-26	SB-26	SB 26	SB-26	SB-26	SB-26	SB-26
Metals (µg/L)										
Chromium		92800	109000	4240	305	703	471	250	156	96.7
Hexavalent Chromium		101000	101000	100 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

SB-2010-27									
	06/15/10	06/22/10	05/10/11	05/16/12	04/26/17	04/16/18	04/20/20	04/19/22	4/27/2023
	OB-27	SB-27	SB-27	SB-27	SB 27	SB-27	SB-27	SB-27	SB-27
Metals (µg/L)									
Chromium		36200	771	162	11600	137	680	94.3	57
Hexavalent Chromium	1000 U	40600	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania							
Summary of Historical Groundwater Sample Result							
	SB-2010-28						
	06/22/10	04/23/15	04/21/17	04/12/18	04/20/20	04/18/22	4/17/2023
	SB-28	SB-28	SB28	SB-28	SB-28	SB-28	SB-28
Metals (µg/L)							
Chromium	19600	333	829	169	124	972	128
Hexavalent Chromium	22400	50 U	10 U	10 U	10 U	50 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

SB-2010-29											
	06/22/10	01/14/11	04/28/11	05/15/12	04/22/15	04/14/17	04/09/18	04/15/19	04/17/20	04/15/22	4/20/2023
	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29	SB-29
Metals (µg/L)											
Chromium	291	136	59	80.4	19.8	15	45.1	13.6	9.2 J	13.2	18.4
Hexavalent Chromium	216	10 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.

Precision National Plating Services, Inc., Clarks Summit, Pennsylvania

Summary of Historical Groundwater Sample Result

	TROLLY TRACK SEEP															
	05/26/99	04/06/00	07/12/00	03/12/08	03/25/08	05/17/12	04/28/15	01/20/16	04/12/18	10/31/18	01/24/19	04/18/19	04/21/20	04/14/22	04/20/23	10/19/23
	SEEP-TT	SE-TT040600	SEEP-TT	TrolleyTrack_Seep	Trolley_Track_Seep	Trolley Truck Seep	TROLLEY TRACK SEEP	Trolley Track Seep	Trolly Track Seep	Trolley Track Seep	Trolley Track Seep	Trolley Track Seep	Trolley Track Seep	TROLLEY TRACK SEEP	Trolly Track Seep	Trolly Track Seep

Metals (µg/L)																
Aluminum	109 J	28 BJ	19.5 U													
Antimony	2.3	7.2 BJ	5.5 U													
Arsenic	10 U	2.6 U	1.8 U													
Barium	27.4 J	13.2 BJ	26.9 BJ													
Beryllium	0.1 U	0.13 BJ	0.22 BJ													
Cadmium	0.4 J	0.88 BJ	3.1 U													
Calcium	10200	11200	19500													
Chromium	74	450 NJ	46.4	589		543	187	650	372	511	624	504	61.2	301	398	236
Cobalt	0.9 J	1.2 U	1.9 U													
Copper	5.6 J	11.9 BJ	2.1 U													
Hexavalent	10 U	10 U	10 U	285	210	323	39.1 HR	24.5	33.5	19.7 J	58.6	102	50 U	136	83.1	47.2
Iron	47300	2820 N*J	6630													
Lead	3.6 J	1.5 U	1.7 U													
Magnesium	1120 J	1410 BJ	2460 BJ													
Manganese	2460	336	1100													
Mercury	0.2 U	0.2 U	0.2 U													
Nickel	2.2 J	1.8 BJ	2.1 U													
Potassium	909 J	752 BJ	1280 BJ													
Selenium	2.4 UJ	1.6 U	3.6 U													
Silver	1.2 U	4.6 BJ	9.9 U													
Sodium	4800 J	9900	14300													
Thallium	1.1 U	2.3 U	2 U													
Vanadium	1.2 U	1 U	1.6 U													
Zinc	32.4 J	14.3 BJ	11.8 BJ													

ug/L - micrograms/liter mg/L - milligra

-- Sample not analyzed for this compound.

U - The compound was not detected at the indicated concentration.

N - The spiked sample recovery was not within control limits.

* - Duplicate analysis was not within control limits.

J - After validation, the result is qualified as estimated (J+ biased high, J- biased low).

R - After validation, the result is qualified as rejected.