PERIODIC REVIEW REPORT

for the

FORMER
NATIONAL PLATING COMPANY SITE
1501 Brewerton Road
Town of Salina
Onondaga County, New York
DEC Site Number V00264

Prepared for:

D.J.H. REALTY CORPORATION
747 West Manlius Street
East Syracuse, New York 13057

Prepared by:

8232 Loop Road
Baldwinsville, NY 13027
(315) 638-8587

PLUMLEY ENGINEERING

200 North George Street
Rome, NY 13440
(315) 281-1005

Project No. 2020043

April 2022

TABLE OF CONTENTS

	PAGE
EXECUTIVE SUMMARY	*i*
SITE OVERVIEW	1
REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS	1
INSTITUTIONAL / ENGINEERING CONTROL PLAN COMPLIANCE	2
MONITORING PLAN COMPLIANCE	3
CONCLUSIONS AND RECOMMENDATIONS	4
CERTIFICATION	4

FIGURES

FIGURE 1 - SITE LOCATION MAP

FIGURE 2 - SITE LAYOUT MAP

TABLES

TABLE 1 - MONITORING WELL AND GROUNDWATER ELEVATION DATA

TABLE 2 - SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS

ATTACHMENTS

ATTACHMENT 1 - LABORATORY REPORT

ATTACHMENT 2 - ANNUAL SYSTEM INSPECTION FORM

ATTACHMENT 3 - INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

EXECUTIVE SUMMARY

The former National Plating Company, Inc. site operated as an electroplating facility until its closing. The property was acquired by D.J.H. Realty Corporation and subsequently operated by another company for manufacturing purposes. After acquiring the property, D.J.H. Realty Corporation entered into the Voluntary Cleanup Program (VCP) with the New York State Department of Environmental Conservation (DEC). Remedial activities that included excavation and offsite disposal of a former sump structure in the main building were initiated in 2011, following a site investigation that found subsurface and groundwater impacts from volatile organic compounds. Confirmation soil samples from the sides and bottoms of the remedial excavation indicated onsite sources had been largely addressed. Sodium permanganate was injected into Monitoring Well #4 (MW-4) in 2015 to treat residual volatile organic compounds in groundwater in the area of the former sump. A sub-slab depressurization system (SSDS) was installed in 2017 to mitigate any potential vapor intrusion issues associated with the building.

A Certificate of Completion letter was issued June 29, 2018. The approved Site Management Plan requires annual groundwater monitoring, an annual site-wide inspection, and the submission of Periodic Review Reports (PRRs). Following receipt of the first PRR, the DEC modified the frequency of submittals from annual to biennial in an August 7, 2020 letter.

SITE OVERVIEW

This Periodic Review Report (PRR) is for the former National Plating Company site located at 1501 Brewerton Road in the Town of Salina, Onondaga County, New York (the site). The site consists of one parcel totaling approximately one acre and contains a building used for industrial operations and a storage garage. The site is located in a mixed commercial and industrial area. Refer to *Figure 1 – Site Location Map* and *Figure 2 – Site Layout Map* for additional information.

Environmental remediation was completed in 2017 and the site was issued a Certificate of Completion (COC) by the New York State Department of Environmental Conservation (DEC) on June 29, 2018. This PRR is required by the DEC to verify that the requirements contained in the COC, more fully described in the June 2018 Site Management Plan (SMP), are being adhered to. This PRR covers the period from July 1, 2018 to January 27, 2022.

REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The site remediation was accomplished by a source removal project completed in 2011. Approximately 25 tons of impacted soil were removed from the site as part of a remedial excavation. The excavations were backfilled and compacted with DEC-approved clean imported fill and the concrete was replaced over the excavated area.

Groundwater samples were collected from site monitoring wells MW-2 and MW-6 in March 2022 and submitted for laboratory analysis per the requirements of SMP Section 4.4.

Overall, the remedy appears to have performed satisfactorily to date and has been effective in protecting public health and the environment. Volatile organic compound (VOC) concentrations have generally decreased since the 2016 sampling event. Detected compounds in MW-2 were limited to cis-1,2-dichloroethene at 3.5 micrograms per liter (µg/l) and trichloroethene at 2.6 µg/l, both below the Class GA standard of 5 µg/l. Cis-1,2-dichloroethene was detected at

11 µg/l in MW-6, exceeding the Class GA standard of 5 µg/l but consistent with recent monitoring data. Trans-1,2-dichloroethene and trichloroethene were detected in MW-6 at concentrations less than their Class GA standards.

Refer to *Table 1 – Monitoring Well and Groundwater Elevation Data* for monitoring well and groundwater elevation data. Refer to *Table 2 – Summary of Historical Groundwater Analytical Results* for recent and historical groundwater analytical results. The most recent analytical data is provided in *Attachment 1 –Laboratory Report*.

INSTITUTIONAL / ENGINEERING CONTROL PLAN COMPLIANCE

The following Institutional and Engineering Controls (IECs) were stipulated for the site in the SMP:

- The property may be used for restricted commercial or industrial use.
- All ECs must be operated and maintained as specified in the SMP.
- All ECs must be inspected at a frequency and in a manner defined in the SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the New York State Department of Health or the Onondaga County Health Department to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP.
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP.

- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP.

- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP.

- Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP.

- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

- A vapor intrusion assessment will be required for any new or existing buildings (including the existing onsite storage garage) that are redeveloped or occupied in the area within the IC boundaries noted on Figure 2. In addition, a vapor intrusion assessment will be performed for off-site areas (including those that have previously declined testing) where sampling results indicate a reasonable potential for impacts from the National Plating site. Any potential impacts that are identified must be monitored or mitigated.

- Vegetable gardens and farming on the site are prohibited.

No IEC deficiencies were noted in this reporting period. No changes to the IECs are recommended.

MONITORING PLAN COMPLIANCE

The following monitoring requirements were stipulated for the site in the SMP:

- ***Sampling of MW-2 and MW-6:*** Biennially

- ***Monitoring of MW-4 for Sodium Permanganate:*** Biennially

No changes to site operations or the cover were identified during the 2022 inspection of the site. A groundwater sample from MW-4, located in the source area under the building, was visually inspected for the presence of sodium permanganate. Since the collected water appeared to be clear, MW-4 was sampled. Analytical results indicated four VOCs exceeded Class GA standards but at concentrations much lower than previous results from 2015. Refer to *Table 2 – Summary of Historical Groundwater Analytical Results*, *Attachment 2 – Annual System Inspection Form* and *Attachment 3 – Institutional and Engineering Controls Certification Form* for additional information.

CONCLUSIONS AND RECOMMENDATIONS

No remedial measures or other improvements are recommended at this time. It is recommended monitoring well MW-4 be sampled as part of the next monitoring period. The requirements for the site for this reporting period have been met.

CERTIFICATION

For each IC identified for the site, I certify that all of the following statements are true:

- The ICs employed at this site are unchanged from the date each IC was put in place or last approved by the DEC.
- Nothing has occurred that would impair the ability of the ICs to protect the public health and environment.
- Nothing has occurred that would constitute a violation or failure to comply with any SMP for each IC.
- Access to the site will continue to be provided to the DEC to evaluate the remedy, including access to evaluate the continued maintenance of the ICs.

- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document.

- Use of the site is compliant with the deed restriction.

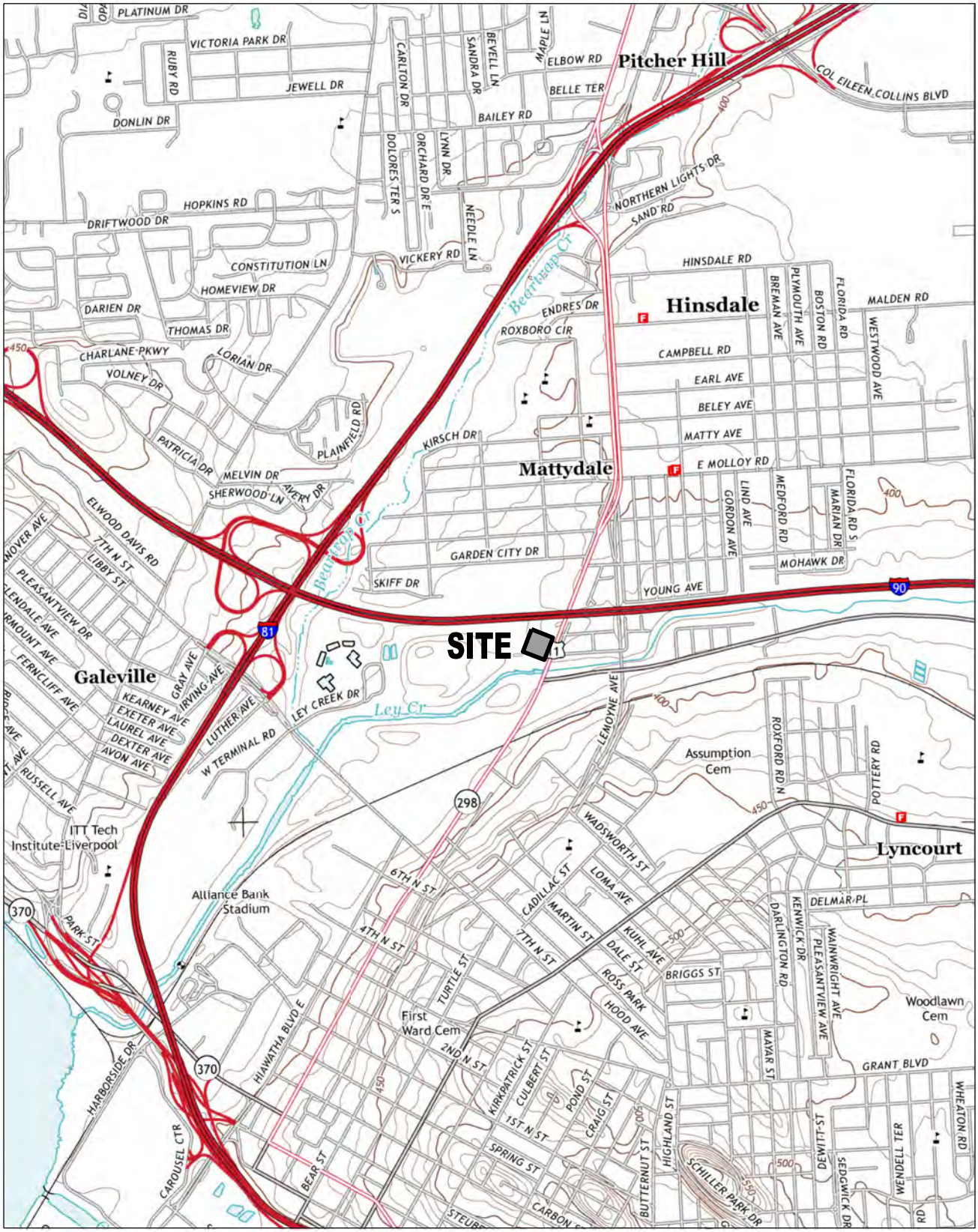
- The information presented in this report is accurate and complete.

I certify that all information and statements in this PRR are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, David K. Meixell, P.E., of Plumley Engineering, P.C., 8232 Loop Road, Baldwinsville, New York, am certifying as Professional Engineer and Designated Representative for D.J.H. Realty Corporation.

Signature

April 27, 2022
Date

FIGURES



REF.: USGS - SYRACUSE WEST QUAD., 2013, 7.5 MIN. SCALE: 1"=2000'

PLUMLEY ENGINEERING
Civil and Environmental Engineering
PLUMLEY ENGINEERING, P.C.
8232 LOOP ROAD
BALDWINSVILLE, NY 13027
TELEPHONE: (315) 638-8587
FAX: (315) 638-9740
WWW.PLUMLEYENG.COM

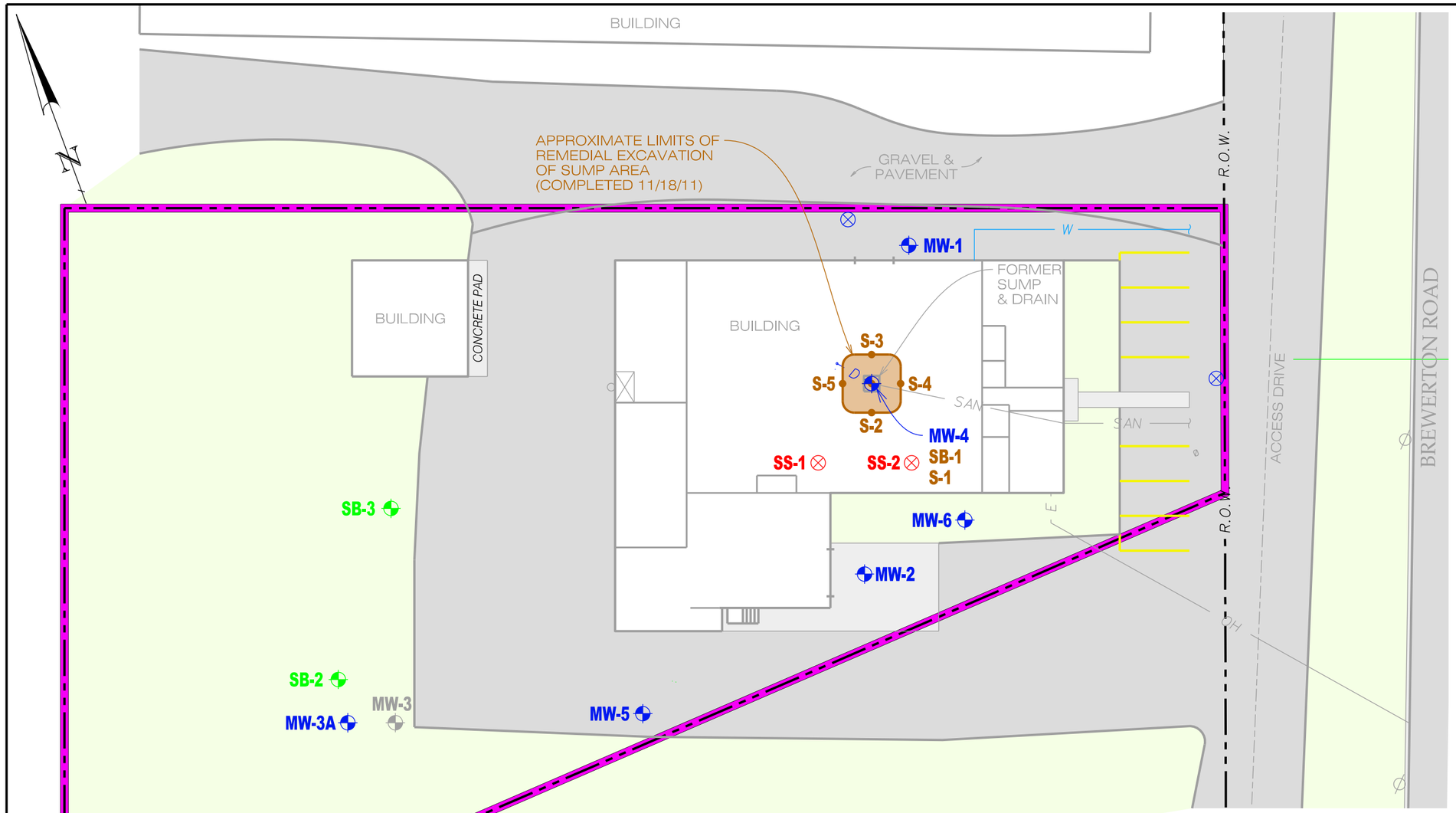
PROJECT: FORMER NATIONAL PLATING

DWG. TITLE: SITE LOCATION MAP

CLIENT: D.H.J. REALTOR CORP.

LOCATION: TOWN OF SALINA, ONONDAGA COUNTY, NEW YORK

PROJECT No.:	2010150
FILE NAME.:	FIGURE 1
SCALE:	AS NOTED
DATE:	FEB. 2018
ENG'D BY:	DKM
DRAWN BY:	JJL
CHECKED BY:	DRV



Key

- R.O.W. — Right of Way
- Property Line
- Utility Pole
- E — Underground Electric
- OH — Overhead Utility
- D — Drainage LIne
- SAN — Sanitary Sewer Line
- W — Water Service Line
- MW-1 — Monitoring Well (December 2004)
- MW-3 — Monitoring Well Destroyed During Remedial Landfill Excavation
- SB-1 — Soil Boring (December 2004)
- SB-2 — Shallow Soil Boring (Completed 06/2012)
- S-2 — Confirmation Soil Sample (Collected 11/18/11)
- Soil Vapor Probe
- Sub-slab Soil Vapor Samples

Plan View

1" = 30' SCALE — 15 0 15 30 FEET

DEC SITE: VCP00265-7

Basemap References:

1. *"Groundwater Flow Map, Former National Plating Facility, 1501 Brewerton Road, Syracuse, New York" Prepared by: ENSR International; Dated: February 10, 2005; Project No.: 10160-004.*
2. *"National Plating, Inc., 1501 Brewerton Road, Syracuse, New York, Site Layout" Dated: May 20, 1999.*

STATE OF NEW YORK — DALE R. VOLLER — 056798 — PROFESSIONAL ENGINEER

PLUMLEY ENGINEERING
Civil and Environmental Engineering
PLUMLEY ENGINEERING, P.C.
8232 LOOP ROAD
BALDWINSVILLE, NY 13027
TELEPHONE: (315) 638-8587
FAX: (315) 638-9740
WWW.PLUMLEYENG.COM

REVISIONS: DATE: BY:

PROJECT: FORMER NATIONAL PLATING

DWG. TITLE: SITE LAYOUT MAP

CLIENT: DJH REALTY CORP.

LOCATION: TOWN OF SALINA, ONONDAGA COUNTY, NEW YORK

PROJECT No.:	2010150
FILE NAME.:	FIGURE 2
SCALE:	AS NOTED
DATE:	FEB. 2018
ENG'D BY:	DKM
DRAWN BY:	JJL
CHECKED BY:	DRV

SHEET NO.: FIGURE 2

TABLES

FORMER NATIONAL PLATING FACILITY
Town of Salina, Onondaga County, New York
VCP Site No. V00264

TABLE 1 - MONITORING WELL AND GROUNDWATER ELEVATION DATA

Monitoring Well Construction Data	Monitoring Well					
	MW-1	MW-2	MW-3A	MW-4	MW-5	MW-6
Rim Elevation (feet)[1]	378.55	375.22	373.36	378.84	374.19	377.12
Ground Surface Elevation	378.92	375.59	373.65	379.12	374.79	377.75
Depth of Well (feet)	13.5	12.5	13.7	8.3	10.5	12.50
Bottom of Well Elevation (feet)	365.1	362.7	359.7	370.6	363.7	364.6
Well Diameter (inches)	2	2	2	4	2	2
Date	**Groundwater Elevation (feet)**					
	MW-1	MW-2	MW-3A	MW-4	MW-5	MW-6
06/18/2012	374.84	371.90	367.53	373.91	367.63	366.41
06/22/2012	374.80	372.32	367.50	373.89	367.54	366.32
06/25/2012	NM	372.02	NM	373.83	NM	NM
02/11/2013	376.13	371.70	369.47	375.11	368.60	373.51
04/28/2015	NM	372.59	NM	375.49	NM	373.72
05/27/2015	NM	372.52	NM	374.79	368.89	373.07
07/06/2015	363.65	372.95	NM	375.94	369.80	374.32
07/14/2016	362.44	371.80	NM	NM	368.42	372.07
04/21/2020	NM	372.68	NM	375.73	NM	373.19
03/21/2022	NM	372.94	NM	376.63	NM	373.17

Notes:

[1]Rim elevation data is based on rim elevation of MW-1 reported by ENSR in the February 2005 Site Investigation Report.
NM Well Not Measured

FORMER NATIONAL PLATING FACILITY
Town of Salina, Onondaga County, New York
VCP Site No. V00264

TABLE 2 - SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS - VOCs [DETECTIONS ONLY]

Client Sample ID:	Units	State Standard[1]	MW-2								MW-4			MW-6						
Date Sampled:			12/21/04	06/22/12	04/28/15	05/27/15	07/06/15	07/14/16	04/21/20	03/21/22	06/22/12	04/28/15	03/21/22	06/22/12	04/28/15	05/27/15	07/06/15	07/14/16	04/21/20	03/21/22
Acetone	µg/L	NS	ND (5.0)	ND (5.0)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (5.0)	ND (10)	ND (1.0)	28	29	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Benzene	µg/L	0.7	ND (1.0)	**1.2**	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	**2.5**	ND (0.50)	ND (1.0)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)	ND (0.50)
Bromodichloromethane	µg/L	NS	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	126	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Chlorobenzene	µg/L	5	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (5.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Chloroform	µg/L	7	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	2.4	ND (1.0)	ND (1.0)	1.1	2.1	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
1,1-Dichloroethene	µg/L	5	0.58	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	**125**	**1**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
cis-1,2-Dichloroethene	µg/L	5	**200**	**14**	**3.4**	**7.1**	**6.6**	**4.4**	**3.0**	**3.5**	**35,300**	**310**	**146**	ND (1.0)	ND (1.0)	**12**	**13**	**24**	**12**	**11**
trans-1,2-Dichloroethene	µg/L	5	**10**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	**3,920**	**60**	**22**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	3	1	1
1,2-Dichloropropane	µg/L	1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	**36**	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Tetrachloroethene (PCE)	µg/L	5	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	4	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Toluene	µg/L	5	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	**6**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Trichloroethene (TCE)	µg/L	5	**170**	**7.0**	**3.0**	**4.6**	**3.4**	**1.9**	**2.5**	**2.6**	**105,000**	**267**	**29**	ND (1.0)	ND (1.0)	2.2	1.4	**9.1**	**3.2**	**1.7**
Vinyl chloride	µg/L	2	**30**	**3.9**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	**1,100**	**78**	**13**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)
Xylene (Total)	µg/L	5	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	**10**	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)	ND (1.0)

Legend: Hit | **Exceed**

Notes:

[1]DEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, *Ambient Water Quality Standards and Guidance Values*, dated June 1998 and April
Non-detected levels are denoted by ND(1.0), <10
µg/L micrograms per liter, equivalent to parts per billion (ppb)
NS No State standard
NA Not Analyzed
VOCs analyzed by GC/MS Volatiles (SW846 8260B)

ATTACHMENTS

ATTACHMENT 1

LABORATORY REPORT

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Plumley Environmental Engineers

National Plating PRR, Brewerton Road, Syracuse

2020043

SGS Job Number: JD42053

Sampling Date: 03/21/22

Report to:

Plumley Environmental Engineers
8232 Loop Road
Baldwinsville, NY 13027
dmeixell@plumleyeng.com; MMartin@PlumleyEng.com

ATTN: Dave Meixell

Total number of pages in report: 15

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Mike Earp
General Manager

Client Service contact: Jadon Schiller 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

Sections: 1 2 3 4

Table of Contents

Section 1: Sample Summary **3**
Section 2: Summary of Hits **4**
Section 3: Sample Results **5**
3.1: JD42053-1: MW-2 6
3.2: JD42053-2: MW-6 8
3.3: JD42053-3: MW-4 10
Section 4: Misc. Forms **12**
4.1: Chain of Custody 13

SGS North America Inc.

Sample Summary

Plumley Environmental Engineers

Job No: JD42053

National Plating PRR, Brewerton Road, Syracuse
Project No: 2020043

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JD42053-1	03/21/22	16:37	MM	03/26/22	AQ	Ground Water	MW-2
JD42053-2	03/21/22	17:02	MM	03/26/22	AQ	Ground Water	MW-6
JD42053-3	03/21/22	16:56	MM	03/26/22	AQ	Ground Water	MW-4

Summary of Hits

Job Number: JD42053
Account: Plumley Environmental Engineers
Project: National Plating PRR, Brewerton Road, Syracuse
Collected: 03/21/22

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD42053-1	**MW-2**					
Chloromethane		1.6	1.0	0.76	ug/l	SW846 8260D
cis-1,2-Dichloroethene		3.5	1.0	0.51	ug/l	SW846 8260D
1,2-Dichloroethene (total)		3.5	1.0	0.51	ug/l	SW846 8260D
Trichloroethene		2.6	1.0	0.53	ug/l	SW846 8260D
JD42053-2	**MW-6**					
cis-1,2-Dichloroethene		10.9	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		0.90 J	1.0	0.54	ug/l	SW846 8260D
1,2-Dichloroethene (total)		11.8	1.0	0.51	ug/l	SW846 8260D
Trichloroethene		1.7	1.0	0.53	ug/l	SW846 8260D
JD42053-3	**MW-4**					
Chloroethane		2.3	1.0	0.73	ug/l	SW846 8260D
Chloromethane [a]		2.4	1.0	0.76	ug/l	SW846 8260D
cis-1,2-Dichloroethene		146	1.0	0.51	ug/l	SW846 8260D
trans-1,2-Dichloroethene		21.7	1.0	0.54	ug/l	SW846 8260D
1,2-Dichloroethene (total)		167	1.0	0.51	ug/l	SW846 8260D
Trichloroethene		28.8	1.0	0.53	ug/l	SW846 8260D
Vinyl chloride		12.6	1.0	0.79	ug/l	SW846 8260D

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD42053-1	**Date Sampled:**	03/21/22
Matrix:	AQ - Ground Water	**Date Received:**	03/26/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B190447.D	1	03/31/22 18:50	BK	n/a	n/a	V2B8645
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
75-15-0	Carbon disulfide [a]	ND	2.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	1.6	1.0	0.76	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	3.5	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	3.5	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD42053-1	**Date Sampled:**	03/21/22
Matrix:	AQ - Ground Water	**Date Received:**	03/26/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	2.6	1.0	0.53	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-120%
17060-07-0	1,2-Dichloroethane-D4	114%		80-120%
2037-26-5	Toluene-D8	106%		80-120%
460-00-4	4-Bromofluorobenzene	103%		82-114%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	JD42053-2	**Date Sampled:**	03/21/22
Matrix:	AQ - Ground Water	**Date Received:**	03/26/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B190448.D	1	03/31/22 19:19	BK	n/a	n/a	V2B8645
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
75-15-0	Carbon disulfide [a]	ND	2.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	10.9	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.90	1.0	0.54	ug/l	J
540-59-0	1,2-Dichloroethene (total)	11.8	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	JD42053-2	**Date Sampled:**	03/21/22
Matrix:	AQ - Ground Water	**Date Received:**	03/26/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	1.7	1.0	0.53	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-120%
17060-07-0	1,2-Dichloroethane-D4	111%		80-120%
2037-26-5	Toluene-D8	106%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JD42053-3	**Date Sampled:**	03/21/22
Matrix:	AQ - Ground Water	**Date Received:**	03/26/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1X195253.D	1	04/01/22 14:23	NH	n/a	n/a	V1X8449
Run #2	L340059.D	1	04/01/22 16:44	NH	n/a	n/a	VL10253

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform [a]	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	6.9	ug/l	
75-15-0	Carbon disulfide [b]	ND	2.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	2.3	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [c]	2.4	1.0	0.76	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene [b]	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	146	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	21.7	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	167	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	1.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.90	ug/l	
108-88-3	Toluene	ND	1.0	0.53	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JD42053-3	**Date Sampled:**	03/21/22
Matrix:	AQ - Ground Water	**Date Received:**	03/26/22
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-01-6	Trichloroethene	28.8	1.0	0.53	ug/l	
75-01-4	Vinyl chloride	12.6 [d]	1.0	0.79	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	97%	106%	80-120%
2037-26-5	Toluene-D8	99%	99%	80-120%
460-00-4	4-Bromofluorobenzene	89%	111%	82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(c) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte.
(d) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS

EHSA-QAC-0023-04-FORM-Standard COC

GW

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

JD42053 Page 1 of 1

FED-EX Tracking #: 7764 0352 8982 | Bottle Order Control #: ~~7764 0352 8982~~
SGS Quote # | SGS Job #

Client / Reporting Information

Company Name: Plumley Engineering
Street Address: 8232 Loop Rd
City: Baldwinsville State: NY Zip: 13027
Project Contact: Matt Martin E-mail:
Phone #: 315 638 8557
Sampler(s) Name(s): Matt Martin Phone #:

Project Information

Project Name: Former National Plating PRR
Street: Brewerton Rd
City: Syracuse State:
Project #: 2020043
Client Purchase Order #:
Project Manager: David Miexel

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis: 8260 (See Attached)

Matrix Codes: DW - Drinking Water, GW - Ground Water, WW - Water, SW - Surface Water, SO - Soil, SL- Sludge, SED-Sediment, OI - Oil, LIQ - Other Liquid, AIR - Air, SOL - Other Solid, WP - Wipe, FB - Field Blank, EB-Equipment Blank, RB - Rinse Blank, TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	8260 (See Attached)	LAB USE ONLY
1	MW-2		3/21/22		MM	G	N	GW	2	X								X	
2	MW-6		3/21/22		MM	G	N	GW	2	X								X	
3	MW-4		3/21/22		MM	G	N	GW	2	X								X	V485

pH Check (Lab Use Only)

Turn Around Time (Business Days)

- ☐ 10 Business Days
- ☒ 5 Business Days
- ☐ 3 Business Days*
- ☐ 2 Business Days*
- ☐ 1 Business Day*
- ☐ Other

All data available via Lablink

Approved By (SGS PM): / Date:

Initial Assessment GC 3A

Label Verification

* Approval needed for 1-3 Business Day TAT

Deliverable

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ NJ Reduced (Level 3)
- ☐ Full Tier I (Level 4)
- ☐ Commercial "C"
- ☐ NJ DKQP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ MA MCP Criteria
- ☐ CT RCP Criteria
- ☐ State Forms
- ☐ EDD Format
- ☐ DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Site Specific List Attached

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1 Matt Martin	3/24/22 1430	1 [signature]	2 [signature] 3/24/22	1600	2 [signature] 3/24/22 1550
3 [signature] 3/24/22 1550		3 FedEx	4 FedEx	3-26-22 10:00	4 Jeremiah Puter
5		5	Custody Seal #	☐ Intact ☐ Not intact ☐ Absent	Therm ID: On Ice ✓ Cooler Temp. °C 2.0°C IR

See Sample Receipt Summary

4.1

4

JD42053: Chain of Custody
Page 1 of 3

SGS Sample Receipt Summary

Job Number: JD42053 **Client:** PLUMLEY ENGINEERING **Project:** FORMER NATIONAL PLATING PRR

Date / Time Received: 3/26/2022 10:00:00 AM **Delivery Method:** **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (0.4);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☑	☐
2. Trip Blank listed on COC:	☑		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments -1,-2,-3 No collection time on COC. Please verify collection time.

SM089-02 Rev. Date 12/1/16

JD42053: Chain of Custody
Page 2 of 3

Responded to by: Jadon Schiller

Response Date: 3/29/22

-1: 16:37
-2: 17:02
-3: 16:56

JD42053: Chain of Custody
Page 3 of 3

ATTACHMENT 2

ANNUAL SYSTEM INSPECTION FORM

ANNUAL SYSTEM INSPECTION FORM

FORMER NATIONAL PLATING SITE
Town of Salina, Onondaga County, New York

Complete the following questions and note relevant comments below:

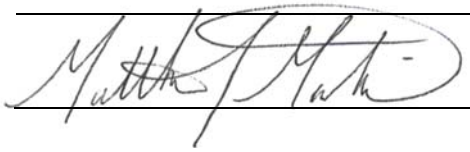
1.	Does the manometer indicate negative pressure is being maintained below the slab?	Yes [X]	No [ ]
2.	Is the vent fan operational?	Yes [X]	No [ ]
3.	Are there any concerns with the visible system piping?	Yes [ ]	No [X]
4.	Is the manometer operational?	Yes [X]	No [ ]
5.	Are system labels intact and readable?	Yes [X]	No [ ]
6.	Are any cracks or new penetrations visible in the building slab?	Yes [ ]	No [X]
7.	Is the discharge line intact and functioning?	Yes [X]	No [ ]
8.	Have any new air intakes been installed, and if so, are they near the discharge point?	Yes [ ]	No [X]

Comments:

There have been no changes to the system since it was installed.

Groundwater monitoring was completed on March 21, 2022.

Printed Name: Matthew T. Martin Date: March 21, 2022

Signature: 

LOG SHEET

FORMER NATIONAL PLATING SITE
Town of Salina, Onondaga County, New York

Date	Gauge Reading (Inches of Water)	Comments	Signature
3/21/22	0.7	steady	Matthew T. Martin

PLUMLEY ENGINEERING, P.C.

GROUNDWATER SAMPLING FIELD LOG

Client/Site: Former National Plating **Project No.:** 2020043
Monitoring Location: _____ **Date:** 3/21/2022
Source Description: MW-2 **Sampler:** MTM

Well & Water Level Data:

Total Depth of Well: 12.76 feet
Initial Depth to Water: 2.28 feet
Length of Water Column (LWC): 10.48 feet

Purge Volume Calculation:

Well Diameter (inches):	Calculated Well Volume To Be Removed		
1	LWC * 0.041 * 3 =	_____	Gallons
1.25	LWC * 0.064 * 3 =	_____	Gallons
1.5	LWC * 0.092 * 3 =	_____	Gallons
(2)	LWC * 0.163 * 3 =	5.1	Gallons
3	LWC * 0.367 * 3 =	_____	Gallons
4	LWC * 0.653 * 3 =	_____	Gallons
6	LWC * 1.469 * 3 =	_____	Gallons

Free Product Check: **Free Product Present:** Yes (No)
Measured Thickness/Comment: _____

Purge Data: **Purge Date:** 3/21

Purging Time: **From:** 3:10 **To:** 3:37

Type of Purging Equipment Used: Geopump
Purged Water Comments: clear no odor

Sampling Data: **Depth to Water at Sampling:** 3.97 feet

Color of Sample: clear **Sample Date:** 3/21/22
Turbidity: — **Sample Time:** 4:37

Type of Sampling Equipment Used: Geopump

Field Indicators Present During Sample Collection:

Odor _____
Sheen _____
Free Product _____
None X

Notes:

_____

_____

_____

Weather: **Temperature °F** 50 (Sunny) (Cloudy) Rain Snow

Revised 08/15/07

PLUMLEY ENGINEERING, P.C.
GROUNDWATER SAMPLING FIELD LOG

Client/Site: Former National Plating **Project No.:** 2020043
Monitoring Location: _____ **Date:** 3/21/2022
Source Description: MW-4 **Sampler:** MTM

Well & Water Level Data:

Total Depth of Well: 8.50 (4) **feet**
Initial Depth to Water: 2.21 **feet**
Length of Water Column (LWC): 6.29 **feet**

Purge Volume Calculation:

Well Diameter (inches):	Calculated Well Volume To Be Removed			
1	LWC * 0.041 * 3	=	_____	Gallons
1.25	LWC * 0.064 * 3	=	_____	Gallons
1.5	LWC * 0.092 * 3	=	_____	Gallons
2	LWC * 0.163 * 3	=	_____	Gallons
3	LWC * 0.367 * 3	=	_____	Gallons
(4)	LWC * 0.653 * 3	=	12.3	Gallons
6	LWC * 1.469 * 3	=	_____	Gallons

Free Product Check: **Free Product Present:** Yes (No)
Measured Thickness/Comment: _____

Purge Data: **Purge Date:** 3/21/22

Purging Time: **From:** 2:01 **To:** 2:25

Type of Purging Equipment Used: Bailer
Purged Water Comments: _____

Sampling Data: **Depth to Water at Sampling:** 2.25 **feet**

Color of Sample: clear **Sample Date:** 3/21/22
Turbidity: 37-40 **Sample Time:** _____

Type of Sampling Equipment Used: Bailer

Field Indicators Present During Sample Collection:
Odor slight decomp
Sheen _____
Free Product _____
None _____

Notes:
No purple color - sample taken

Weather: **Temperature °F** 50 (Sunny) Cloudy Rain Snow

Revised 08/15/07

PLUMLEY ENGINEERING, P.C.
GROUNDWATER SAMPLING FIELD LOG

Client/Site: Former National Plating **Project No.:** 2020043
Monitoring Location: _____ **Date:** 3/21/2022
Source Description: MW-6 **Sampler:** MTM

Well & Water Level Data:
Total Depth of Well: 12.55 **feet**
Initial Depth to Water: 3.95 **feet**
Length of Water Column (LWC): 8.60 **feet**

Purge Volume Calculation:

Well Diameter (inches):	Calculated Well Volume To Be Removed			
1	LWC * 0.041 * 3	=	_____	Gallons
1.25	LWC * 0.064 * 3	=	_____	Gallons
1.5	LWC * 0.092 * 3	=	_____	Gallons
(2)	LWC * 0.163 * 3	=	4.2	Gallons
3	LWC * 0.367 * 3	=	_____	Gallons
4	LWC * 0.653 * 3	=	_____	Gallons
6	LWC * 1.469 * 3	=	_____	Gallons

Free Product Check: **Free Product Present:** Yes (No)
Measured Thickness/Comment: _____

Purge Data: **Purge Date:** 3/21
Purging Time: **From:** 3:45 **To:** 4:02
Type of Purging Equipment Used: Geopump
Purged Water Comments: clear

Sampling Data: **Depth to Water at Sampling:** 5.09 **feet**
Color of Sample: clear **Sample Date:** 3/21/22
Turbidity: _____ **Sample Time:** ~~4:02~~ 5:02
Type of Sampling Equipment Used: Geopump

Field Indicators Present During Sample Collection:
Odor _____
Sheen _____
Free Product _____
None X

Notes:

_____

_____

_____

Weather: **Temperature °F** 50 **Sunny** (Cloudy) **Rain** **Snow**

Revised 08/15/07

ATTACHMENT 3

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. V00264

Site Name National Plating Company, Inc.

Site Address: 1501 Brewerton Road Zip Code: 13208-1403
City/Town: Syracuse
County: Onondaga
Site Acreage: 0.950

Reporting Period: July 01, 2018 to January 27, 2022

	YES	NO
1. Is the information above correct?	X	
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?		X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	X	
7. Are all ICs in place and functioning as designed?	X	

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00264 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
	D.J.H Realty Corp.	Ground Water Use Restriction Landuse Restriction Site Management Plan O&M Plan IC/EC Plan

- Prohibition against use of gw for potable use without treatment
- Use must be maintained as industrial
- Compliance with Site Management Plan
- Compliance with IC/EC Plan
- Compliance with O&M Plan
- Annual Monitoring of GW
- Owner shall provide periodic certification of institutional and engineering controls

Box 4

Description of Engineering Controls

Parcel	Engineering Control
	Vapor Mitigation

The Sub-slab Depressurization System at the site property (1501 Brewerton Rd.).

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. V00264

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I David K. Meixell, P.E. (print name) at PLUMLEY ENGINEERING, P.C. 8232 Loop Road, Baldwinsville, New York 13027 (print business address),

am certifying as Owner's Designated Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

April 27, 2022
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I David K. Meixell, P.E. (print name) at PLUMLEY ENGINEERING, P.C. 8232 Loop Road, Baldwinsville, New York 13027 (print business address),

am certifying as a Professional Engineer for the D.J.H. REALTY CORPORATION (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

April 27, 2022
Date