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:

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Baldwinsville, NY 13027
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PLUMLEY ENGINEERING

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Project No. 2020043

May 2020

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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. 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, of which this is the first.

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 is the first PRR for the site and covers the period June 29, 2018 to October 29, 2019.

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 April 2020 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 3.0 micrograms per liter (µg/l) and trichloroethene at 2.5 µg/l, both below the Class GA standard of 5 µg/l. Cis-1,2-dichloroethene was detected at 12.4

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:*** Annually.

- ***Monitoring of MW-4 for Sodium Permanganate:*** Annually.

No changes to site operations or the cover were identified during the annual inspection of the site. A groundwater sample from MW-4 was visually inspected and indicated sodium permanganate was still present in this location. Refer to *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. The requirements for the site for this reporting period have been met. Due to the consistency of the groundwater data, it is requested that the groundwater monitoring and periodic review reporting schedule be reduced from annual to biennial (once every two years).

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.

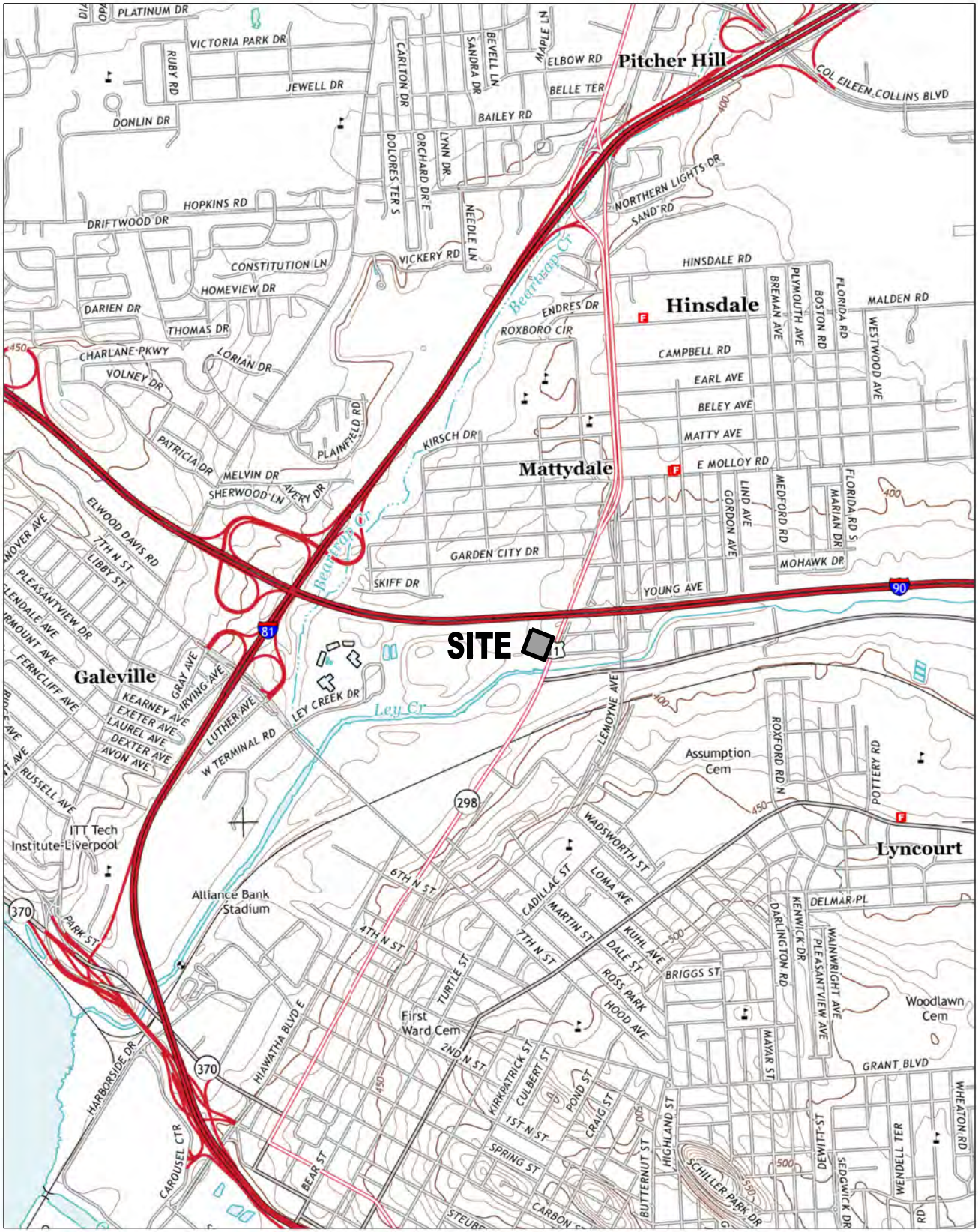
- The information presented in this report is accurate and complete.

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

May 13, 2020
Date

FIGURES



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

PLUMLEY ENGINEERING
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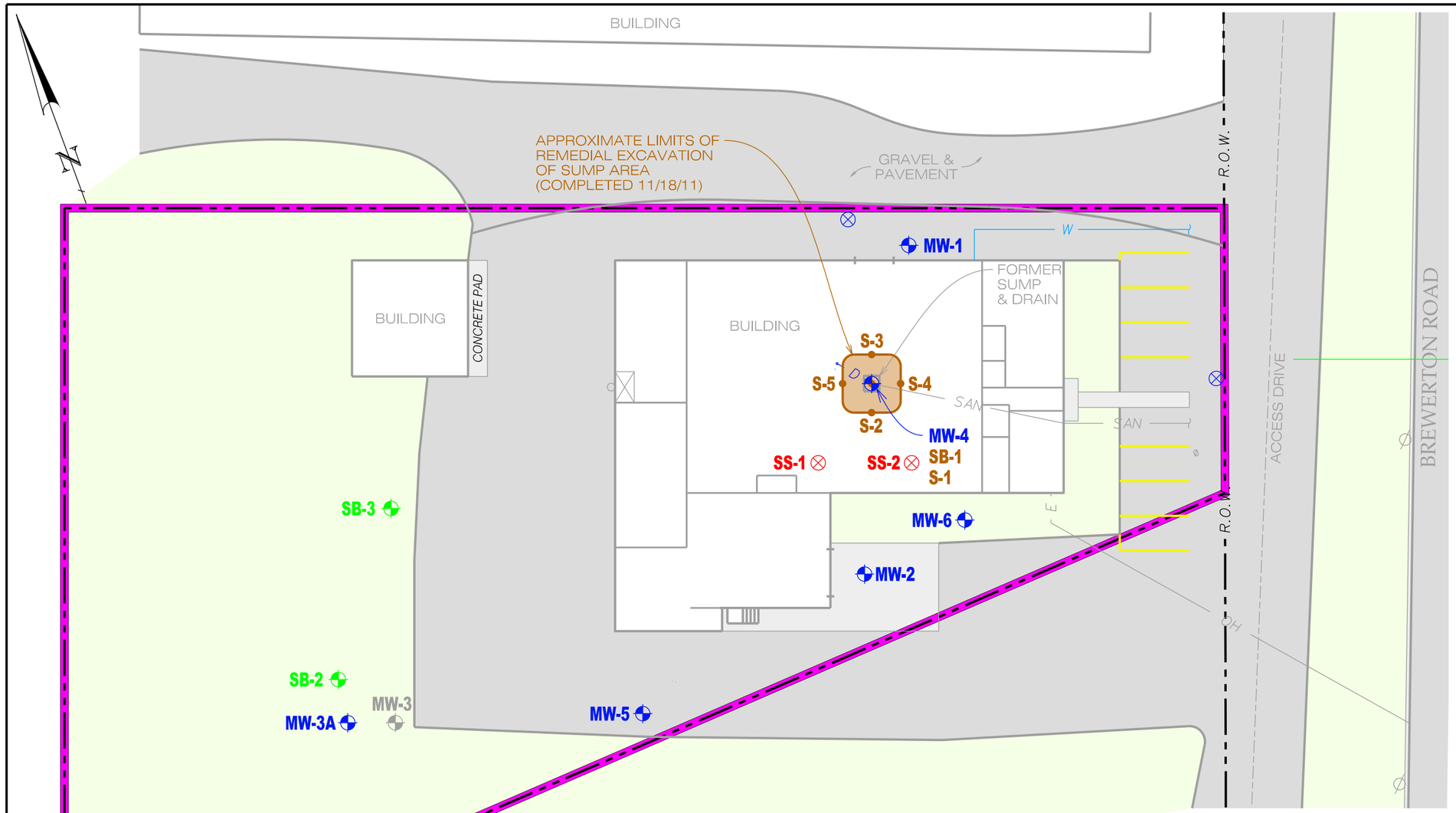
PROJECT: FORMER NATIONAL PLATING

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

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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 COMPANY SITE
Town of Salina, Onondaga County, New York
VCP Site No. V00264

TABLE 1 - 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
Top of Screen Elevation (feet)						
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	372.39	NM	374.11	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

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 COMPANY SITE
Town of Salina, Onondaga County, New York
VCP Site No. V00264

TABLE 2 - SUMMARY OF HISTORICAL GROUNDWATER ANALYTICAL RESULTS

Client Sample ID:	Units	State Standard[1]	MW-2							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	05/27/15	07/06/15	04/21/20
Acetone	µg/L	NS	ND (5.0)	ND (5.0)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	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)	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)	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 (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)	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)	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	**12**	**13**	**12.4**
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)	ND (1.0)	1.3
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)	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)	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)	ND (1.0)	ND (1.0)
Trichloroethene (TCE)	µg/L	5	**170**	**7.0**	3.0	4.6	3.4	1.9	2.5	2.2	1.4	3.2
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)	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)	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 and Groundwater Effluent Limitations* , dated June 1998 and Addenda.

ND Non detected

µg/L micrograms per liter, equivalent to parts per billion (ppb)

NS No State standard

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

2020043.001

SGS Job Number: JD6555

Sampling Date: 04/21/20

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: 12

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.

Laura Degenhardt
General Manager

Client Service contact: Thelma Flaherty 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)

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SGS North America Inc.

Sample Summary

Plumley Environmental Engineers

Job No: JD6555

National Plating PRR, Brewerton Road, Syracuse
Project No: 2020043.001

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							
JD6555-1	04/21/20	15:39	MM	04/29/20	AQ	Ground Water	MW-2
JD6555-2	04/21/20	16:05	MM	04/29/20	AQ	Ground Water	MW-6

Summary of Hits

Job Number: JD6555
Account: Plumley Environmental Engineers
Project: National Plating PRR, Brewerton Road, Syracuse
Collected: 04/21/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD6555-1	**MW-2**					
cis-1,2-Dichloroethene		3.0	1.0	0.51	ug/l	SW846 8260C
1,2-Dichloroethene (total)		3.0	1.0	0.51	ug/l	SW846 8260C
Trichloroethene		2.5	1.0	0.53	ug/l	SW846 8260C
JD6555-2	**MW-6**					
cis-1,2-Dichloroethene		12.4	1.0	0.51	ug/l	SW846 8260C
trans-1,2-Dichloroethene		1.3	1.0	0.54	ug/l	SW846 8260C
1,2-Dichloroethene (total)		13.7	1.0	0.51	ug/l	SW846 8260C
Trichloroethene		3.2	1.0	0.53	ug/l	SW846 8260C

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JD6555-1	**Date Sampled:**	04/21/20
Matrix:	AQ - Ground Water	**Date Received:**	04/29/20
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2V67106.D	1	04/30/20 11:34	EH	n/a	n/a	V2V2777
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	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	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	ND	2.0	0.95	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	3.0	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)	3.0	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	0.70	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:	JD6555-1	**Date Sampled:**	04/21/20
Matrix:	AQ - Ground Water	**Date Received:**	04/29/20
Method:	SW846 8260C	**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	2.5	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	107%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	101%		80-120%

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:	JD6555-2	**Date Sampled:**	04/21/20
Matrix:	AQ - Ground Water	**Date Received:**	04/29/20
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	National Plating PRR, Brewerton Road, Syracuse		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2V67107.D	1	04/30/20 12:00	EH	n/a	n/a	V2V2777
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	6.0	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.58	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	ND	2.0	0.95	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	12.4	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	1.3	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	13.7	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	0.70	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:	JD6555-2	**Date Sampled:**	04/21/20
Matrix:	AQ - Ground Water	**Date Received:**	04/29/20
Method:	SW846 8260C	**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	3.2	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	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	100%		81-124%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	102%		80-120%

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

6W

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

Page __ of __

FED-EX Tracking #: 7703 3469 7137
Bottle Order Control #:
SGS Quote #:
SGS Job #: JD6555

Client / Reporting Information	Project Information	
Company Name: Plumley Engineering	Project Name: Natural Plating PRR	
Street Address: 8232 Loop Rd	Street: Brewerton Rd	Billing Information (if different from Report to)
City: Baldwinsville State: NY Zip: 13027	City: Syracuse State:	Company Name
Project Contact: Matt Martin E-mail:	Project #: 2020043.001	Street Address
Phone #: 315 638 8587	Client Purchase Order #	City State Zip
Sampler(s) Name(s): Matt Martin Phone #	Project Manager: Dave Merrel	Attention:

Requested Analysis: 8260 (See Attached Site List)

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)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	8260 (See Attached Site List)	LAB USE ONLY
1	MW-2		4/21/20	15:39	MM	G	GW	3	X								X	
2	MW-6		4/21/20	16:05	MM	G	GW	3	X								X	

V373

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [ ] 10 Business Days
- [x] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

All data available via Lablink

* Approval needed for 1-3 Business Day TAT

Deliverable

- [x] 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

PRR Site List Attached

Initial Assessment 3B DW

Label Verification______

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

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

Relinquished by: 1 [signature]	Date / Time: 4/28/20 8:00	Received By: 1 [signature] 4/28/20 8:35	Relinquished By: 2 [signature]	Date / Time: 4/28/20 11:00	Received By: 2 FX
Relinquished by: 3 FX	Date / Time: 4/29/2020 10:40	Received By: 3 [signature]	Relinquished By: 4	Date / Time:	Received By: 4
Relinquished by: 5	Date / Time:	Received By: 5	Custody Seal #	Intact / Not intact; Preserved where applicable / Absent	On Ice; Cooler Temp. °C; Therm. ID:

IR-4 1.9°C-cp

SGS-ACCUTEST MARLBOR

EHSA-QAC-0023-02-FORM-Dayton - Standard COC.xlsx

4.1

4

JD6555: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: JD6555 **Client:** _____ **Project:** _____

Date / Time Received: 4/29/2020 10:40:00 AM **Delivery Method:** _____ **Airbill #'s:** _____

Cooler Temps (Raw Measured) °C: Cooler 1: (1.9);

Cooler Temps (Corrected) °C: Cooler 1: (1.6);

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: 229517 pH 12+: 208717 Other: (Specify) _____ _____

Comments

SM089-03
Rev. Date 12/7/17

JD6555: Chain of Custody
Page 2 of 2

ATTACHMENT 2

ANNUAL SYSTEM INSPECTION FORM

LOG SHEET

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

Date	Gauge Reading (Inches of Water)	Comments	Signature
4/21/20	0.4	steady	Matthew T. Martin

ANNUAL SYSTEM INSPECTION FORM

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

Complete the following questions and note relevant comments below:

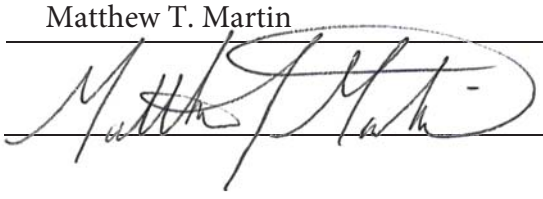
1.	Does the manometer indicate negative pressure is being maintained below the slab?	Yes ☑	No ☐
2.	Is the vent fan operational?	Yes ☑	No ☐
3.	Are there any concerns with the visible system piping?	Yes ☐	No ☑
4.	Is the manometer operational?	Yes ☑	No ☐
5.	Are system labels intact and readable?	Yes ☑	No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

Comments:

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

Ground water monitoring was completed on 4/21/20.

Printed Name: Matthew T. Martin Date: 4/21/20

Signature: 

PLUMLEY ENGINEERING, P.C.
GROUNDWATER SAMPLING FIELD LOG

Client/Site: Former National Plating **Project No.:** 2010150.006
Monitoring Location: _____ **Date:** 4/21/20
Source Description: MW-6 **Sampler:** MTM

Well & Water Level Data:
Total Depth of Well: 12.50 (11 14) **feet**
Initial Depth to Water: 3.93 **feet**
Length of Water Column (LWC): 8.57 **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:** 4/21/20
Purging Time: **From:** 14:10 **To:** 14:31
Type of Purging Equipment Used: Geopump - Dedicated Tubing
Purged Water Comments: _____

Sampling Data: **Depth to Water at Sampling:** 3.92 **feet**
Color of Sample: clear **Sample Date:** 4/21
Turbidity: _____ **Sample Time:** 16:05
Type of Sampling Equipment Used: Geo

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.:** 2010150.006
Monitoring Location: _____ **Date:** 4/21/20
Source Description: MW-4 **Sampler:** MTM

Well & Water Level Data:
Total Depth of Well: _____ feet
Initial Depth to Water: ~~4~~ 3.11 feet
Length of Water Column (LWC): _____ 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 = _____ Gallons
6	LWC * 1.469 * 3 = _____ Gallons

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

Purge Data: **Purge Date:** Not Purged
Purging Time: **From:** _____ **To:** _____
Type of Purging Equipment Used: _____
Purged Water Comments: _____

Sampling Data: **Depth to Water at Sampling:** No Sample feet
Color of Sample: _____ **Sample Date:** _____
Turbidity: _____ **Sample Time:** _____
Type of Sampling Equipment Used: _____

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

Notes:
Remains of Permanganate still present - Purple/Brown Color ~1' Below water surface

Weather: **Temperature °F** _____ **Sunny Cloudy Rain Snow**

Revised 08/15/07

PLUMLEY ENGINEERING, P.C.
GROUNDWATER SAMPLING FIELD LOG

Client/Site: Former National Plating **Project No.:** 2020043 ~~2010150.006~~

Monitoring Location: _____ **Date:** 4/21/20

Source Description: MW-2 **Sampler:** MTM

Well & Water Level Data:

Total Depth of Well: 12.73 feet

Initial Depth to Water: 2.54 feet

Length of Water Column (LWC): 10.19 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 = 5.0	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:** 4/21/20

Purging Time: **From:** 14:35 **To:** 14:59

Type of Purging Equipment Used: Geopump - Dedicated tubing

Purged Water Comments: _____

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

Color of Sample: clear **Sample Date:** 4/21/20

Turbidity: _____ **Sample Time:** 15:39

Type of Sampling Equipment Used: Geo

Field Indicators Present During Sample Collection:

Odor _____

Sheen _____

Free Product _____

None X

Notes:

_____

_____

_____

Weather: **Temperature °F** _____ 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: June 29, 2018 to October 29, 2019

	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/ECs 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 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. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or 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, NY 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

05/13/2020
Date

IC/EC CERTIFICATIONS

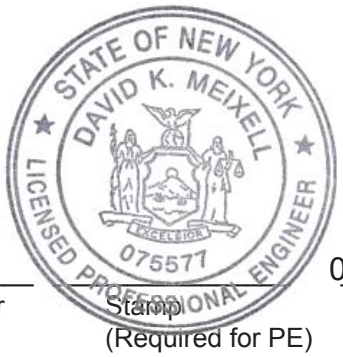
Box 7

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, NY 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)

05/13/2020
Date