VIA ELECTRONIC MAIL

July 17, 2018

Jenelle Wallace
Environmental Engineer
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7017

Re: 2018 Semiannual Progress Report – January through June 2018
Former Dover Electronics Site, Kirkwood, Broome County, New York
NYSDEC Site No. 7-04-026

Dear Ms. Wallace,

On behalf of Dover Corporation, Verina Engineering, P.C. (VERINA) has prepared this 2018 Semiannual Progress Report to summarize the remedial activities which have been performed from January through June 2018 at the former Dover Electronics site in Kirkwood, New York, NYSDEC Site No. 7-04-026. Figure 1 is the site map with the monitoring well locations.

The field activities completed during the reporting period include:

- Six rounds of monthly manual injection of sodium permanganate as part of the in-situ chemical oxidation (ISCO) remediation process at select wells;
- Abandonment and reinstallation of monitoring well MW-25;
- Site-wide groundwater gauging and well inspections in March 2018;
- Collection of groundwater samples for laboratory analysis from select monitoring wells/points in March 2018;
- Monthly inspection of seven areas associated with the environmental Deed Restrictions and their engineering controls;
- Modifications to the piping of the active sub-slab depressurization (ASD) system in March 2018;
- Monthly operation, monitoring and maintenance (OM&M) of the ASD system; and,
- Collection of annual indoor air samples in March 2018, subsequent to the piping modifications.

ISCO Injection System Operation

Monthly manual ISCO injection events, utilizing a 10% sodium permanganate solution, began in December 2013. The goal of the ISCO injection events is to reduce the levels of the residual site compounds of concern (COCs) in groundwater.

Between January and June 2018, manual injection was implemented monthly at wells IJ-1, IJ-2, IJ-4, IJ-7, IJ-8, IJ-9, IJ-10, MW-7A, MW-16, MW-24, MP-4, MP-5, MP-11, MP-12, and MP-14 located within the source area and at wells IJ-6, MW-25/MW-25R, and MW-28 located within the Pilot Truck Stop area. In addition, VERINA started injections into wells MP-8S and IJ-5 beginning in February 2018. During the reporting period, a total of 5,700 gallons of 10% sodium permanganate solution were injected into the select wells. Typically, about 1,000 gallons of permanganate solution was injected on a monthly basis. However, during the January and March 2018 injection events, only a limited amount of ISCO solution was injected due to the wintry conditions and freezing temperatures encountered at the site during these events. Therefore, during the April 2018 injection event, a total of 1,600 gallons of sodium permanganate solution was injected to partially make-up for the limited injection amounts from January and March 2018.

A summary of each monthly injection event occurring between January and June 2018 is presented in Table 1.

Monitoring Well Abandonment and Reinstallation

In February 2018, VERINA abandoned well MW-25 and replaced it with well MW-25R. This was done because VERINA had used MW-25 as an injection well at the site and had performed several redevelopment events at this well. However, after each redevelopment event, it was noted that the injection rate of this well continually decreased. The well screen was suspected to have been compromised and therefore a replacement well was installed in its location to continue to be in the injection well network.

Parratt Wolff, Inc. performed the well abandonment and installed the replacement well between February 20 and 22, 2018. The new well, MW-25R, was constructed with the exact same specifications as MW-25 and was installed approximately 2-3 feet away from MW-25. The well abandonment and construction logs are presented in Attachment 1.

Subsequent to installation, the well was surveyed by Hulbert Engineering and Land Surveying, DPC for its horizontal and vertical location. The site map with the location of well MW-25R is provided as Figure 1.

Groundwater Monitoring Program

Site-wide groundwater elevation measurements were conducted on March 19, 2018 from all available monitoring wells and points at the site. These groundwater elevation measurements were then used to generate groundwater flow maps for both the shallow and intermediate aquifers at the site. The groundwater elevation measurements are presented in Table 2. The groundwater flow maps for the March 2018 gauging event for the shallow aquifer and the intermediate aquifer are shown on Figure 2 and Figure 3, respectfully.

The groundwater flow maps indicate groundwater in both the shallow and intermediate aquifers generally flows from northeast to southwest, which is consistent with previous observations.

Between March 19 and 22, 2018, groundwater samples were collected from a total of 18 monitoring wells and points in both the source area and the Pilot Truck Stop area. The samples were submitted for laboratory analysis as part of the ISCO performance monitoring program. The wells and points sampled in this event are listed below:

- Source Area: MP-3D, MP-4, MP-5, MP-6S, MP-12, MP-14, MW-2, MW-7A, MW-16, MW-17, MW-22 and injection points IJ-4, IJ-5, IJ-8 and IJ-10.

- The Pilot Truck Stop Area: MW-25R, MW-27 and MW-28.

One additional well, MP-11, was scheduled to be sampled but a thick layer of snow was found to have been plowed over the location of the well during this sampling event and therefore prevented VERINA personnel from accessing this well.

Groundwater samples were collected using the low flow purging and sampling method. During purging, the groundwater was monitored using a calibrated YSI Model 600XL portable water quality meter for several parameters including dissolved oxygen (D.O.), temperature, pH, oxidation-reduction potential (ORP), and specific conductivity. A LaMotte 2020we turbidity meter was used to monitor the turbidity. The groundwater samples were analyzed for site-specific parameter list (SSPL) VOCs, which includes tetrachloroethene (PCE), trichloroethene (TCE), 1,1,1-trichloroethane (1,1,1-TCA), cis- and trans-1,2-dichloroethene (1,2-DCE), 1,1-dichloroethane (1,1-DCA), and vinyl chloride (VC) via USEPA Method 8260C.

A summary of the March 2018 groundwater analytical results is provided in Table 3. Table 3 also includes a comparison with analytical results from the baseline (March 2010 and October 2011) sampling events. The distribution of VOCs is presented on Figure 5. The complete laboratory analytical report and the NYSDEC EDD submittal for the March 2018 groundwater sampling event will be provided in the annual progress report.

The following observations were made upon review of the groundwater quality data:

- SSPL VOCs detected in the groundwater samples collected from the monitoring wells and injection wells in the shallow and intermediate aquifers showed generally decreasing trends since the implementation of ISCO at the site.

- The analytical results show that the major daughter products resulting from the breakdown of PCE continue to be present within monitoring wells or points, particularly cis-1,2-DCE and TCE.

Deed Restriction Area Inspections

Monthly inspections of the seven deed restriction areas were conducted during the reporting period. The location of each deed restriction area is presented on Figure 5.

The inspections included a visual evaluation of the condition and integrity of the capped deed restrictions areas and documentation with photos. All asphalt, concrete, or soil caps were noted

to be in good condition in all deed restriction areas. VERINA will continue the monthly inspections of the deed restriction areas and will take action to repair such caps if poor condition is observed during inspection.

ASD System Inspection

Monthly inspections of the ASD system were conducted during the reporting period. The ASD system was also checked daily by MMC personnel to verify that it was operating. The monthly inspections indicated that the system is operating as designed and satisfactorily. During this period there was no reported down time for the ASD system.

Indoor Air Sampling

Annual indoor air samples were taken from seven locations within the site building on March 22, 2018 (Figure 6). The sampling locations include areas where employees commonly work and areas where SSPL VOCs were detected in historic sub-slab vapor samples, and are consistent with the previous indoor air sampling locations. Additionally, one ambient air sample was collected from the exterior of the building.

Indoor and ambient air samples were collected over an 8-hour period in 6-liter stainless steel Summa canisters and analyzed for VOCs by USEPA Method TO-15. The analytical results are presented in Table 4. The complete laboratory analytical report and the NYSDEC EDD submittal for the March 2018 indoor air sampling event will be provided in the annual progress report.

A review of the indoor air analytical results indicated that all detected compounds were below the NYSDOH guidance values.

Proposed Schedule for the Second Half of 2018

VERINA is planning to perform the following work from July to December of 2018:

- Refilling of the sodium permanganate above ground storage tank (AST) in July 2018;
- Conduct site-wide groundwater gauging event in September 2018;
- Conduct annual groundwater sampling event in September 2018, including sampling for emerging contaminants as requested by the NYSDEC;
- Conduct monthly ASD system inspection to ensure proper operation of the system;
- Conduct monthly manual sodium permanganate injections in both the source area and Pilot Truck Stop; and
- Conduct monthly inspections on the deed restriction areas in accordance with the approved OM&M Plan, with maintenance of such cap areas occurring as needed.

The annual progress report is scheduled for submittal in January 2019.

Please call if you have any questions or need additional information.

Very truly yours,

VERINA ENGINEERING, P.C.

D. Robert Gan, Ph.D., P.E.
President

ATTACHMENTS:

Figure 1 – Site Map with Monitoring Well Locations
Figure 2 – Shallow Groundwater Elevation Isocontours, March 2018
Figure 3 – Intermediate Groundwater Elevation Isocontours, March 2018
Figure 4 – Groundwater Analytical Results
Figure 5 – Soil Cap Areas
Figure 6 – ASD System and Indoor Air Sampling Locations

Table 1 – Manual ISCO Injection Summary, January – June 2018
Table 2 – Groundwater Elevation Data, March 2018
Table 3 – Summary of SSPL VOC Groundwater Analytical Results
Table 4 – Indoor Air Sampling Analytical Results, March 2018

Attachment 1 – Monitoring Well Abandonment and Construction Logs – MW-25/MW-25R

cc: w/enc.: M. Post (DOVER)

Figures

N

MW-15
MW-21
MW-16
MW-5
MW-17
MW-2
MW-38
MW-18
MW-26
MW-19
MW-27
MW-30
MW-37
MW-31
MW-32
MW-35
MW-33
MW-36
MW-3
MW-22
MW-20
MW-8
MW-6
MW-9
MW-14
MW-1
MW-23
MW-4
MW-29
MW-10
MW-11
MW-13
MW-12
MW-24
MW-7A
MW-7
MW-28
MW-25R
MW-25
MW-34

MP-2 (to approx. 45ft)
MP-1 (to approx. 45ft)
MP-3D (to approx. 75ft)
MP-11
MP-4
MP-12
MP-5
MP-13
MP-14
MP-6S
MP-6D (to approx. 55ft)
MP-7
MP-9
MP-8S
MP-10D (to approx. 55ft)
MP-10S
MP-8D (to approx. 55ft)

IJ-7
IJ-2
IJ-8
IJ-3
IJ-9
IJ-10
IJ-4
IJ-1
IJ-5
IJ-6

BUILDING

CABLE GUIDE RAIL
GRAVEL ROAD
PAVED SHOULDER
W-BEAM GUIDE RAIL

EXPLANATION

- MW-2 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING WELL
- MW-6 — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE MONITORING WELL
- MW-34 — DESIGNATION AND APPROXIMATE LOCATION OF DEEP MONITORING WELL
- MW-1 — DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING WELL
- MP-1 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING POINT
- MP-10S — DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING POINT
- MP-6D — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE MONITORING POINT
- IJ-1 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW INJECTION WELL
- IJ-6 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW–INTERMEDIATE INJECTION WELL

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *BOUNDARY AND TOPOGRAPHIC SURVEY UNIVERSAL INSTRUMENTS CORPORATION 29 INDUSTRIAL PARK DRIVE TOWN OF KIRKWOOD BROOME COUNTY NEW YORK STATE* PREPARED BY HAWK ENGINEERING OF BINGHAMTON, NEW YORK
OCTOBER 7, 1996
MONITORING WELLS OBTAINED FROM HULBERT ENGINEERING AND LAND SURVEYING, DPC, AUGUST 28, 2015 AND UPDATED ON MARCH 28, 2018

0 110 FT.
APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

SITE MAP WITH MONITORING WELL LOCATIONS

VERINA Engineering, P.C.

1

N

MW-15 871.83
MW-21
MW-16 865.95
MW-5 860.54
MW-2 859.17
MW-38
MW-17 848.71
MW-18 848.39
MW-26
MW-19 847.83
MW-27 848.66
MW-30 846.33
MW-37
MW-28 848.28
MW-25R
MW-25
MW-34
MW-31 847.40
MW-32 850.49
MW-35
MW-36 NM
MW-3 856.65
MW-22
MW-20
MW-24 873.83
MW-29 875.23
MW-9 878.69
MW-14
MW-1
MW-23 877.23
MW-4
MW-13 879.24
MW-12
MW-7A 877.00
MW-7
MW-10
MW-11
MW-8
MW-6

MP-2 (to approx. 45ft) 880.26
MP-1 (to approx. 45ft) 875.44
MP-3D (to approx. 75ft)
MP-11 866.90
908.75
881.00
MP-4 893.57
877.97
908.00
908.79
MP-12 866.65
NM
IJ-10 869.33
MP-5 869.06
MP-13 875.51
NM
MP-14 863.19
MP-6S 864.65
MP-6D (to approx. 55ft)
IJ-5
NM
MP-10D (to approx. 55ft)
MP-10S
MP-8S 846.27
MP-8D (to approx. 55ft)
MP-7
MP-9
IJ-6

BUILDING

875.00
870.00
865.00
860.00
855.00
850.00

PAVED SHOULDER
GRAVEL ROAD
W-BEAM GUIDE RAIL

EXPLANATION

- MW-2 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING WELL
- MW-1 — DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING WELL
- MP-1 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING POINT
- MP-10S — DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING POINT
- MP-6D — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE MONITORING POINT
- IJ-1 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW INJECTION WELL
- IJ-6 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW–INTERMEDIATE INJECTION WELL
- MW-6 — DESIGNATION AND LOCATION OF INTERMEDIATE MONITORING WELL
- MW-34 — DESIGNATION AND LOCATION OF DEEP MONITORING WELL

876.88 GROUNDWATER ELEVATION (FT., MSL)

GROUNDWATER ELEVATION ISOCONTOUR INTERVAL IN FT., MSL (DASHED WHERE INFERRED)

ARROW INDICATES GENERALIZED GROUNDWATER FLOW DIRECTION

CONTOUR INTERVAL = 5.0 FT., MSL
AVERAGE HYDRAULIC GRADIENT = 0.025 FT/FT

NOTES:
1) FT., MSL = FEET, MEAN SEA LEVEL
2) NM = NOT MEASURED
3) * = INDICATES RESULT NOT INCLUDED IN GENERATION OF ISOCONTOURS

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *BOUNDARY AND TOPOGRAPHIC SURVEY UNIVERSAL INSTRUMENTS CORPORATION 29 INDUSTRIAL PARK DRIVE TOWN OF KIRKWOOD BROOME COUNTY NEW YORK STATE* PREPARED BY HAWK ENGINEERING OF BINGHAMTON, NEW YORK
OCTOBER 7, 1996
MONITORING WELLS OBTAINED FROM HULBERT ENGINEERING AND LAND SURVEYING, DPC, AUGUST 28, 2015 AND UPDATED ON MARCH 28, 2018

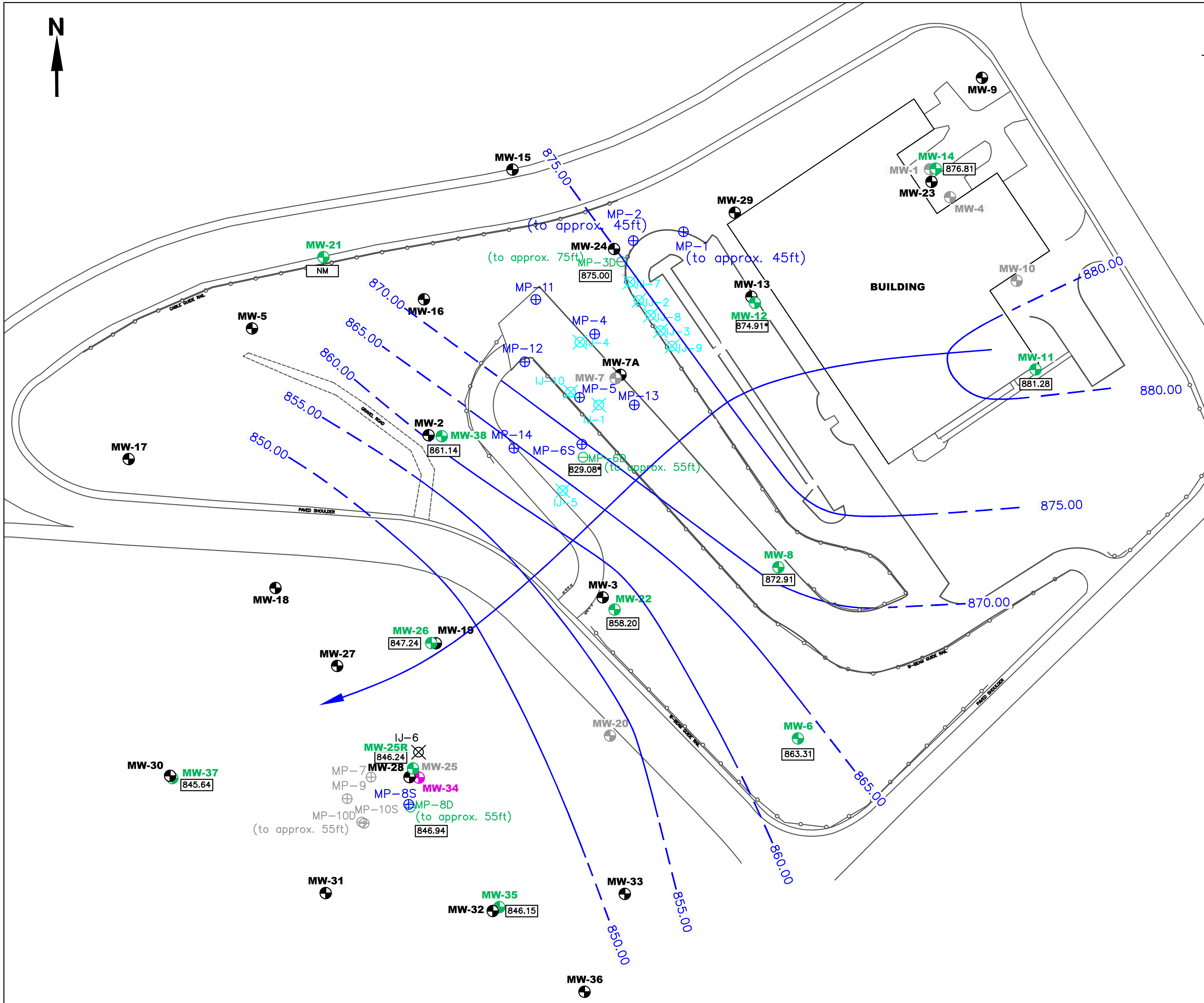
0 110 FT.
APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

SHALLOW GROUNDWATER ELEVATION ISOCONTOURS MARCH 2018

VERINA Engineering, P.C.

2



EXPLANATION

- **MW-2** DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING WELL
- **MW-1** DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING WELL
- MP-1 DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING POINT
- MP-10S DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING POINT
- MP-6D DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE MONITORING POINT
- IJ-1 DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW INJECTION WELL
- IJ-6 DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW-INTERMEDIATE INJECTION WELL
- **MW-6** DESIGNATION AND LOCATION OF INTERMEDIATE MONITORING WELL
- **MW-34** DESIGNATION AND LOCATION OF DEEP MONITORING WELL

880.04 GROUNDWATER ELEVATION (FT., MSL)

850.00 GROUNDWATER ELEVATION ISOCONTOUR INTERVAL IN FT., MSL (DASHED WHERE INFERRED)

CONTOUR INTERVAL = 5.0 FT., MSL
AVERAGE HYDRAULIC GRADIENT = 0.031 FT/FT

NOTES:
1) FT., MSL = FEET, MEAN SEA LEVEL
2) NM = NOT MEASURED
3) * = INDICATES RESULT NOT INCLUDED IN GENERATION OF ISOCONTOURS

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *BOUNDARY AND TOPOGRAPHIC SURVEY UNIVERSAL INSTRUMENTS CORPORATION 29 INDUSTRIAL PARK DRIVE TOWN OF KIRKWOOD BROOME COUNTY NEW YORK STATE* PREPARED BY HAWK ENGINEERING OF BINGHAMTON, NEW YORK OCTOBER 7, 1996
MONITORING WELLS OBTAINED FROM HULBERT ENGINEERING AND LAND SURVEYING, DPC, AUGUST 28, 2015 AND UPDATED ON MARCH 28, 2018

0 110 FT.
APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

INTERMEDIATE GROUNDWATER ELEVATION ISOCONTOURS MARCH 2018

VERINA Engineering, P.C.

3

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N

MP-11

Sample Date:	10/28/11	12/19/11	2/15/12	4/19/12	6/21/12	9/19/12	12/18/12	3/13/13	9/4/13	3/18/14	9/17/14	3/16/15	9/22/15	3/15/16	9/13/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
1,1-DCE	ND	ND	0.29 J	ND	0.31 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-DCE	**5.4**	**15**	**24**	**30**	**29**	**38**	**50**	**52**	**43 D**	**34**	ND	2.3 J	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	0.23 J	ND	0.35 J	0.36 J	0.80 DJ	ND	ND	ND	ND	ND	ND
PCE	**11**	**25**	**32**	**41**	**52**	**86**	**110**	**170**	**200 D**	**220**	3.1 J	**67**	ND	3.4 J	4.1
TCE	0.28 J	0.36 J	0.36 J	0.34 J	0.49 J	0.99 J	1.0 J	1.4 J	1.8 DJ	1.6 J	ND	ND	ND	ND	ND
VC	**9.2**	**18**	**22**	**32**	**31**	**32**	**44**	**23**	**26 D**	**17**	ND	ND	ND	ND	ND

MP-2

Sample Date:	3/17/10	12/27/12	3/16/15	3/15/16	3/20/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	1.2 J	3.3 J	1.6 J	4.9	0.74 J	0.31
trans-1,2-DCE	ND	ND	ND	ND	ND	ND
PCE	**17**	**39**	3.1 J	2.5	4.0	3.0
TCE	2.0 J	**5.3**	1.8 J	4.1	2.6	1.4
VC	ND	ND	ND	ND	ND	ND

MP-4

Sample Date:	3/16/10	12/19/11	2/15/12	4/18/12	6/19/12	9/19/12	12/20/12	3/14/13	9/4/13	3/19/14	9/17/14	3/17/15	9/22/15	3/16/16	9/14/16	3/21/17	9/13/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND (ND)	ND (ND)	ND (ND)	ND (ND)
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND (ND)	ND (ND)	ND (ND)	ND (ND)
PCE	**9500**	**11000**	**6500**	**6600**	**8200**	**11000 D**	**7700**	**8600 (9000)**	**13000 D**	**11000**	**12000**	**10000**	**970 (1200)**	**3000 D**	**1400 (1300)**	**2500 (2800)**	**820 (610)**	**1300 (1300)**
TCE	ND	**32 J**	ND	ND	ND	ND	ND	**ND (12 J)**	**26 DJ**	ND	ND	ND	ND (ND)	ND	ND (ND)	ND (ND)	ND (ND)	ND (ND)
VC	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND (ND)	ND (ND)	ND (ND)	ND (ND)

MW-24

Sample Date:	3/19/10	12/21/12	9/22/15	9/13/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	4.2 J	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND
PCE	**150**	**22**	2.8 J	**9.8**
TCE	5 J	ND	ND	ND
VC	ND	ND	ND	ND

MP-3D

Sample Date:	9/23/13	9/18/14	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	1.2 J	0.85 J	0.32
trans-1,2-DCE	ND	ND	ND
PCE	ND	ND	ND
TCE	ND	ND	ND
VC	0.40 J	ND	ND

IJ-8

Sample Date:	3/23/18
VOC (µg/L):	RESULT:
1,1-DCE	ND
cis-1,2-DCE	ND
trans-1,2-DCE	ND
PCE	0.36
TCE	ND
VC	ND

MW-29

Sample Date:	3/19/10	12/27/12	9/25/13
VOC (µg/L):	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND
trans-1,2-DCE	ND	ND	ND
PCE	ND	ND	ND
TCE	ND	ND	ND
VC	ND	ND	ND

IJ-4

VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	**200 J**	**240 J**	ND	2.8 J	ND	ND	ND	ND	0.34 J	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**7300**	**7200**	ND	**1200 D**	ND	ND	ND	ND	**190**	ND	ND	ND	ND	ND	ND	ND	4.8
TCE	**100 J**	**120 J**	ND	4.0 J	ND	ND	ND	ND	0.39 J	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-TCA	ND	ND	ND	0.64 J	0.39 J	ND	ND	ND	ND	ND	0.43 J	ND	ND	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-16

Sample Date:	3/17/10	12/21/11	2/15/12	4/19/12	6/21/12	9/20/12	12/18/12	3/13/13	9/4/13	3/18/14	9/18/14	3/16/15	9/22/15	3/15/16	9/14/16	3/20/17	9/13/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	4.0 J	4.5 J	4.7 J	3.4 J (3.8 DJ)	2.8 J	2.7 J	2.9 J	2.9 DJ	2.0 J	1.9 J	1.3 J	1.1 J	ND	0.34 J	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8
PCE	**260**	**280**	**250**	**200 (190 D)**	**210**	**200**	**180**	**200 D**	**160**	**150**	**140**	**100**	**43**	**46**	**6.5**	**32**	**60**	**220**
TCE	**5.8 J**	**6.5 J**	**5.3 J**	4.0 J (4.3 DJ)	4.4 J	4.5 J	4.3 J	4.2 DJ	3.6 J	3.6 J	2.4 J	2.1 J	0.39 J	0.69 J	ND	ND	0.28 J	3.5
VC	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-13

Sample Date:	9/22/15	9/14/16
VOC (µg/L):	RESULT:	RESULT:
cis-1,2-DCE	ND	ND
trans-1,2-DCE	ND	ND
PCE	**17**	**33**
TCE	0.59 J	1.4
VC	ND	ND

MW-12

Sample Date:	3/19/10	12/27/12	12/28/12	9/18/14
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND
PCE	ND	ND	ND	ND
TCE	ND	ND	ND	ND
VC	ND	ND	ND	ND

MP-12

Sample Date:	10/28/11	12/20/11	2/15/12	4/19/12	6/19/12	9/19/12	12/18/12	3/14/13	9/4/13	3/18/14	9/18/14	3/16/15	9/21/15	3/15/16	9/13/16	3/20/17	9/13/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	4.5 J	4.5 J	2.7 J	2.2 J	1.4 J	2.9 J	2.5 J	2.0 J	2.2 J	1.9 J	1.1 J	0.93 J	0.78 J	0.71 J	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**78**	**77**	**51**	**36**	**28**	**79**	**48**	**34**	**49**	**27**	**31**	**26**	**15**	**13**	ND	**17**	4.6	**5.1**
TCE	4.4 J	3.9 J	2.8 J	2.1 J	1.6 J	3.7 J	2.7 J	1.8 J	2.7 J	1.4 J	1.2 J	0.88 J	0.54 J	0.44 J	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-11

Sample Date:	3/18/10	9/18/14
VOC (µg/L):	RESULT:	RESULT:
cis-1,2-DCE	ND	ND
trans-1,2-DCE	ND	ND
PCE	ND	ND
TCE	ND	ND
VC	ND	ND

IJ-10

Sample Date:	10/28/11	12/20/11	2/14/12	4/18/12	6/21/12	9/20/12	12/20/12	3/14/13	9/3/14	3/19/14	9/17/14	3/17/15	9/22/15	3/15/16	9/13/16	3/21/17	9/12/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
1,1-DCE	2.1 J	1.7 J	1.6 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND
cis-1,2-DCE	**380**	**300**	**260**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND
trans-1,2-DCE	0.70 J	2.5 J	4.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND
PCE	**200**	**310**	**230**	ND	ND	ND	ND	ND	2.0 J	0.92 J	1.5 J	ND	ND	ND (ND)	ND	**7.6 J**	ND	**8.1**
TCE	**150**	**110**	**88**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND
VC	1.1 J	2.0 J	**3.0 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND

MW-5

Sample Date:	11/18/14	9/21/15
VOC (µg/L):	RESULT:	RESULT:
cis-1,2-DCE	ND	ND
trans-1,2-DCE	ND	ND
PCE	**45**	**44**
TCE	2.3 J	0.38 J
VC	ND	ND

MW-7A

Sample Date:	3/16/10	12/19/11	2/14/12	4/18/12	6/19/12	9/20/12	12/20/12	3/15/13	9/4/13	3/18/14	9/17/14	3/17/15	9/22/15	3/15/16	9/15/16	3/20/17	9/13/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND	ND (ND)	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND	ND (ND)	ND	ND	ND
PCE	**1700**	**2300 D**	**2700**	**2500**	**2700**	**1600**	**1100 (1200)**	**1900 D**	**550 (560 D)**	**240**	**780 D**	**35 (37)**	4.1 J	**780 D**	ND (ND)	**44**	**6.2**	**140**
TCE	ND	3.7 J	**5.8 J**	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	0.22 J	ND (ND)	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND	ND (ND)	ND	ND	ND

MP-5

Sample Date:	3/18/10	12/19/11	2/16/12	4/18/12	6/19/12	9/20/12	12/20/12	3/14/13	9/3/13	3/19/14	9/17/14	3/17/15	9/21/15	3/15/16	9/13/16	3/20/17	9/13/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
1,1-DCE	ND	2.9 J	3.2 DJ	3.1 J	3.3 J	ND (ND)	ND	ND	3.0 J	ND (3.1 J)	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-DCE	**31**	**38**	**27 DJ**	**33**	**29**	**21 J (23 J)**	**15 J**	**19 J**	**23 J**	**20 J (20 J)**	**14 J**	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**860**	**1100 D**	**830 D**	**730**	**950**	**710 (750)**	**620**	**920**	**970**	**940 (940)**	**890**	ND	**11**	**280 D**	ND	**29**	**7.8**	1.6
TCE	**28**	**42**	**29 DJ**	**32**	**42**	**29 (31)**	**25**	**28**	**36**	**33 J (33)**	**32**	ND	ND	0.58 J	ND	ND	ND	ND
VC	**6.7 J**	**13 J**	**8.5 DJ**	**11 J**	**6.6 J**	**3.0 J (3.9 J)**	2.0 J	**3.0 J**	**4.1 J**	**4.7 J (5.1 J)**	1.7 J	ND	ND	ND	ND	ND	ND	ND

MP-13

	2/15/12	4/18/12	6/19/12	9/20/12	12/21/12	9/25/13	9/17/14	9/22/15	9/13/16
	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND
	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND
	3.7 J	0.82 J	0.60 J (0.44 J)	ND	0.61 J	ND	ND	ND	ND
	0.5 J	0.38 J	0.50 J (0.51 J)	0.51 J	0.41 J	0.32 J	0.33 J	ND	ND
	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND

MW-17

Sample Date:	3/18/10	12/27/12	9/24/13	11/18/14	9/15/16	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND
PCE	1.9 J	1.5 J	1.8 J	1.8 J	3.7	2.2
TCE	ND	ND	0.24 J	0.28 J	ND	ND
VC	ND	ND	ND	ND	ND	ND

IJ-1

Sample Date:	12/20/11	2/14/12	4/18/12	6/21/12	9/20/12	12/20/12	9/3/13	9/17/14	9/22/15	9/13/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	1.0 J	1.2 DJ	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**180**	**180 D**	ND	ND	ND	ND	ND	ND	ND	ND
TCE	1.6 J	2.0 DJ	ND	ND	ND	ND	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-2

Sample Date:	3/17/10	12/27/12	3/16/15	3/15/16	3/20/17
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	1.2 J	3.3 J	1.6 J	4.9	0.74 J
trans-1,2-DCE	ND	ND	ND	ND	ND
PCE	**17**	**39**	3.1 J	2.5	4.0
TCE	2.0 J	**5.3**	1.8 J	4.1	2.6
VC	ND	ND	ND	ND	ND

MP-6S

Sample Date:	3/17/10	12/19/11	2/16/12	4/18/12	6/19/12	9/19/12	12/20/12	3/14/13	9/3/13	3/19/14	9/17/14	3/17/15	9/21/15	3/16/16	9/13/16	3/21/17	9/12/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	**5.4 J** (4.7 J)	**5.5 J**	**5.1 J**	3.6 J	4.8 J	3.0 J	3.2 DJ	ND	1.4 J	1.8 J	ND	1.4 J	0.81 J	2.3 J	ND (0.57 J)	2.3	ND
trans-1,2-DCE	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND
PCE	**1100**	**1500 (1000)**	**1200**	**980**	**970**	**920**	**420**	**750 D**	**590**	**470**	**450**	**270**	**290**	**290 D**	**260**	**200 (200)**	**280 D**	**13**
TCE	ND	**8 J (6.3 J)**	**7.8 J**	**5.9 J**	**6.1 J**	**6.5 J**	4.2 J	4.5 DJ	2.2 J	2.7 J	3.4 J	1.1 J	1.5 J	1.0	1.8 J	0.66 J (0.73 J)	2.3	ND
VC	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND

MW-38

Sample Date:	9/21/15	9/14/16
VOC (µg/L):	RESULT:	RESULT:
cis-1,2-DCE	1.3 J	1.2
trans-1,2-DCE	ND	ND
PCE	**89**	**110**
TCE	**5.2**	**7.0**
VC	ND	ND

MW-18

Sample Date:	3/15/10	12/29/12	9/24/13	9/19/14
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND
PCE	ND	ND	ND	ND
TCE	ND	ND	ND	ND
VC	ND	ND	ND	ND

MW-8

Sample Date:	3/18/10	12/28/12	9/24/13
VOC (µg/L):	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND (ND)
trans-1,2-DCE	ND	ND	ND (ND)
PCE	ND	ND	ND (ND)
TCE	ND	ND	ND (ND)
VC	ND	ND	ND (ND)

MP-14

Sample Date:	10/31/11	12/21/11	2/15/12	4/19/12	6/20/12	9/20/12	12/18/12	3/14/13	9/5/13	3/19/14	9/18/14	3/16/15	9/21/15	3/16/16	9/14/16	3/21/17	9/13/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	0.98 J	1.1 J	1.2 J (1.3 J	1.1 J	1.2 J	1.1 J	1.2 J	1.6 J	1.2 J	1.9 J	1.2 J	1.2 J	0.66 J	1.3	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**30**	**37**	**29 (27)**	**25**	**30**	**30**	**27**	**32**	**32**	**37**	**45**	**53**	**50**	**89**	**10**	**15**	**26**	**25**
TCE	1.6 J	2.0 J	1.7 J (1.5 J	1.2 J	1.6 J	1.6 J	1.5 J	1.6 J	1.5 J	1.9 J	1.9 J	1.7 J	0.71 J	1.9	ND	ND	0.38 J	0.45
VC	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MP-6D

Sample Date:	3/17/10	12/19/11	2/16/12	4/18/12	6/19/12	9/20/12	12/21/12	3/14/13	9/5/13	3/20/14	9/17/14	9/20/15	9/12/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	ND	0.28 J	**15**	ND	ND	ND	ND	ND	1.3 J	0.37 J	1.4 J	0.54 J	ND
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-30

Sample Date:	3/15/10	12/21/11	3/15/12	6/20/12	9/20/12	12/20/12	9/24/13	9/19/14	9/20/15	9/12/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	0.32 J	ND	0.30 J	ND	ND	ND	ND	0.51 J	0.93 J
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**7.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND
TCE	ND	0.37 J	ND	0.35 J	0.28 J	0.28 J	ND	ND	0.59 J	0.57 J
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

IJ-5

Sample Date:	12/21/11	2/15/12	4/19/12	6/20/12	9/20/12	12/18/12	3/15/13	9/5/13	3/19/14	9/18/14	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	0.90 J	0.44 J	ND	0.22 J	ND	ND	ND	ND	0.32 J	ND	1.5
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-37

Sample Date:	3/16/10	9/19/14	9/20/15	9/12/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND
PCE	ND	**8**	**17**	**27**
TCE	ND	0.38 J	0.52 J	1.3
VC	ND	ND	ND	ND

MW-27

Sample Date:	9/20/15	9/14/16	9/12/17	3/23/18
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	**15**	**14**	**11**	1.5
trans-1,2-DCE	ND	ND	ND	ND
PCE	**20**	**34**	1.3	2.8
TCE	**7.7**	**5.7**	0.51 J	0.53
VC	ND	ND	ND	ND

MW-6

Sample Date:	3/18/10	3/14/13	9/24/13	9/18/14
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND (ND)
trans-1,2-DCE	ND	ND	ND	ND (ND)
PCE	ND	ND	ND	ND (ND)
TCE	ND	ND	ND	ND (ND)
VC	ND	ND	ND	ND (ND)

MP-10D

Sample Date:	3/15/10	12/20/11	3/15/12	6/20/12	9/21/12	12/19/12	9/23/13
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND
PCE	ND	ND	ND	ND	ND	ND	ND
TCE	ND	ND	ND	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND

MW-22

Sample Date:	3/12/10	12/28/12	9/24/13
VOC (µg/L):	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND
trans-1,2-DCE	ND	ND	ND
PCE	ND	ND	ND
TCE	ND	ND	ND
VC	ND	ND	ND

MW-3

Sample Date:	9/20/15	9/14/16
VOC (µg/L):	RESULT:	RESULT:
cis-1,2-DCE	2.8 J	1.1
trans-1,2-DCE	ND	ND
PCE	**100**	**75**
TCE	1.4 J	1.3
VC	ND	ND

MW-31

Sample Date:	3/16/10	12/28/12	9/24/13	11/18/14	12/18/15	9/12/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	0.73 J	0.85 J	0.42 J	0.38 J (0.37 J)	0.49 J	ND
trans-1,2-DCE	ND	ND	ND	ND	ND	ND
PCE	ND	ND	ND	ND	ND	ND
TCE	ND	0.47 J	0.33 J	0.38 J (0.39 J)	0.80 J	0.44 J
VC	ND	ND	ND	ND	ND	ND

MW-26

Sample Date:	3/12/10	12/29/12	9/19/14	9/20/15	9/14/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	**5.3**	**5.9 (6.1)**	**4.0 J**	**6.7**	4.8
trans-1,2-DCE	ND	ND (ND)	ND	ND	ND
PCE	**65**	**49 (50)**	**38**	**50**	**34**
TCE	4.5 J	4.8 J (4.8 J	3.5 J	4.3 J	3.3
VC	ND	ND (ND)	ND	ND	ND

MW-19

Sample Date:	9/20/15	9/14/16
VOC (µg/L):	RESULT:	RESULT:
cis-1,2-DCE	**15**	**14**
trans-1,2-DCE	0.41 J	ND
PCE	**23**	**44**
TCE	**7.1**	**9.3**
VC	0.58 J	ND

MW-33

Sample Date:	1/8/00	9/24/13	9/20/14
VOC (µg/L):	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND
trans-1,2-DCE	ND	ND	ND
PCE	0.91 J	1.8 J	2.3 J
TCE	ND	0.82 J	0.56 J
VC	ND	ND	ND

MW-28

Sample Date:	3/15/10	12/20/11	3/15/12	6/20/12	9/21/12	12/19/12	3/15/13	9/4/13	3/20/14	9/19/14	3/17/15	9/21/15	3/16/16	9/13/16	3/21/17
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
1,1-DCE	ND	ND	0.82 J	1.1 J	0.69 J	0.60 J	0.69 J	0.76 J	0.93 J	ND	ND	ND	ND	ND	ND
cis-1,2-DCE	**66**	4.3 J	**53**	**54**	**52**	**40**	**47**	**50**	**55**	**26**	**12**	2.2 J	2.4	ND	ND
trans-1,2-DCE	ND	ND	3.5 J	3.4 J	2.2 J	1.8 J	2.4 J	3.3 J	2.4 J	0.65 J	0.56 J	ND	ND	ND	ND
PCE	**270**	**340**	**52**	**47**	**180**	**190**	**170**	**110**	**43**	**36**	**41**	3.8 J	**11**	**7.5**	0.41
TCE	**110**	**5.5 J**	**49**	**48**	**77**	**64**	**60**	**53**	**50**	**27**	**12**	3.1 J	2.1	0.31 J	ND
VC	ND	ND	0.55 J	0.58 J	0.32 J	ND	0.41 J	0.42 J	ND	ND	ND	ND	ND	ND	ND

MP-8D

Sample Date:	3/15/10	12/20/11	3/16/12	6/20/12	9/21/12	12/19/12	3/15/13	9/4/13	9/19/14	9/21/15	9/13/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
1,1-DCE	1.4 J	1.3 J	0.95 J	1.1 J	1.3 J	1.4 J	1.3 J	1.2 J	0.88 J	ND	0.69 J
cis-1,2-DCE	**69**	**81**	**64**	**86**	**93**	**79**	**87**	**85**	**81**	**64**	**52**
trans-1,2-DCE	**6.6**	**7.5**	**5.6**	**5.6**	**9.0**	**7.3**	**7.9**	**7.3**	**6.3**	3.7 J	3.1
PCE	**13**	**49**	**31**	**31**	**64**	**51**	**68**	**68**	**65**	**23**	**25**
TCE	**36**	**51**	**34**	**58**	**63**	**59**	**61**	**61**	**59**	**25**	**30**
VC	1.5 J	1.9 J	1.5 J	1.7 J	1.7 J	1.8 J	1.9 J	1.2 J	0.84 J	0.46 J	0.36 J

MW-25R

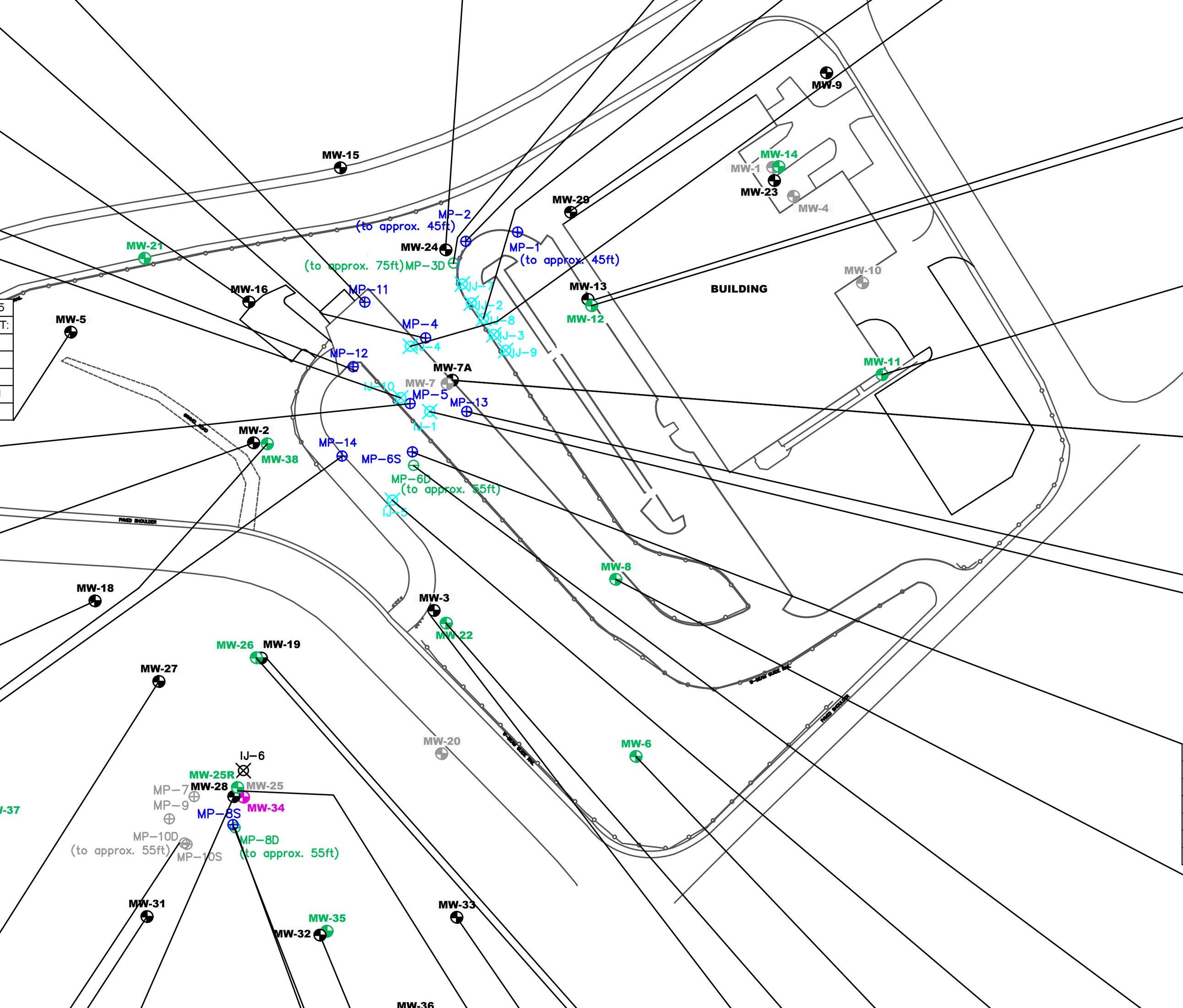
Sample Date:	3/23/18
VOC (µg/L):	RESULT:
1,1-DCE	ND
cis-1,2-DCE	0.36
trans-1,2-DCE	ND
PCE	**36**
TCE	0.49
VC	ND

MP-8S

Sample Date:	3/15/10	12/20/11	3/16/12	6/20/12	9/21/12	12/19/12	9/23/13	9/19/14	9/21/15	9/13/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND
PCE	ND	0.45 J	ND (ND)	ND	ND	0.86 J	ND	ND	ND	ND
TCE	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND
VC	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND

MW-32

Sample Date:	3/12/10	12/28/12	9/20/15	9/12/16
VOC (µg/L):	RESULT:	RESULT:	RESULT:	RESULT:
cis-1,2-DCE	ND	0.38 J	0.57 J	0.98 J
trans-1,2-DCE	ND	ND	ND	ND
PCE	ND	ND	ND	ND
TCE	ND	ND	ND	0.38 J
VC	ND	ND	ND	ND



N

EXPLANATION

MW-2 DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING WELL

MW-1 DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING WELL

MP-1 DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING POINT

MP-10S DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING POINT

MP-6D DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE MONITORING POINT

IJ-1 DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW INJECTION WELL

IJ-6 DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW-INTERMEDIATE INJECTION WELL

MW-6 DESIGNATION AND LOCATION OF INTERMEDIATE MONITORING WELL

MW-34 DESIGNATION AND LOCATION OF DEEP MONITORING WELL

1. ALL CONCENTRATIONS GIVEN IN MICROGRAMS PER LITER (µg/L).
2. BOLDED RESULT INDICATES EXCEEDANCE OF NYSDEC GROUNDWATER QUALITY STANDARD (GWQS).
3. NYSDEC = NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
4. ND = NOT DETECTED.
5. VOCs = VOLATILE ORGANIC COMPOUNDS.
6. ( ) INDICATES DUPLICATE SAMPLE
7. D = COMPOUND IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR
8. J = ESTIMATED VALUE
9. cis-1,2-DCE = cis-1,2-DICHLOROETHENE
10. trans-1,2-DCE = trans-1,2-DICHLOROETHENE
11. PCE = TETRACHLOROETHENE
12. TCE = TRICHLOROETHENE
13. VC = VINYL CHLORIDE
14. 1,1-DCE = 1,1-DICHLOROETHENE
15. 1,1,1-TCA = 1,1,1-TRICHLOROETHANE

VOC	NYSDEC GWQS (µg/L)
1,1-DCE	5
cis-1,2-DCE	5
trans-1,2-DCE	5
PCE	5
TCE	5
1,1,1,-TCA	5
VC	2

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *BOUNDARY AND TOPOGRAPHIC SURVEY UNIVERSAL INSTRUMENTS CORPORATION 29 INDUSTRIAL PARK DRIVE TOWN OF KIRKWOOD BROOME COUNTY NEW YORK STATE* PREPARED BY HAWK ENGINEERING OF BINGHAMTON, NEW YORK OCTOBER 7, 1996

0 150 FT.
APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

GROUNDWATER ANALYTICAL RESULTS

VERINA Engineering, P.C.

4

\\server01\Shared\JOBFILES\5101-DOVER\5101.0002 - Dover Kirkwood, NY\CAD\2018\5101.0002-Figure-020-GW-00-Annual-GW-Report-2018.dwg LAYOUT: GW SAVED: 7/13/2018 11:25 AM BY: CLAUDIO STABILE

N

MW-9

MW-14

MW-1

MW-23

MW-4

MW-29

MW-10

MW-13

MW-12

MW-11

BUILDING

EXPLANATION

MW-2 DESIGNATION AND APPROXIMATE LOCATION OF MONITORING WELL

MW-1 DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING WELL

BUILDING DEED NOTICE AREAS

EXTERIOR DEED NOTICE AREAS

DEPTH TO PCE–AFFECTED SOIL

1. 4 FEET
2. 6 FEET
3. 8 FEET
4. 8 FEET
5. 5 FEET
6. 7 FEET
7. 3 FEET

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *BOUNDARY AND TOPOGRAPHIC SURVEY UNIVERSAL INSTRUMENTS CORPORATION 29 INDUSTRIAL PARK DRIVE TOWN OF KIRKWOOD BROOME COUNTY NEW YORK STATE* PREPARED BY HAWK ENGINEERING OF BINGHAMTON, NEW YORK
OCTOBER 7, 1996

0 50 FT.

APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

SOIL CAP AREAS

VERINA Engineering, P.C.

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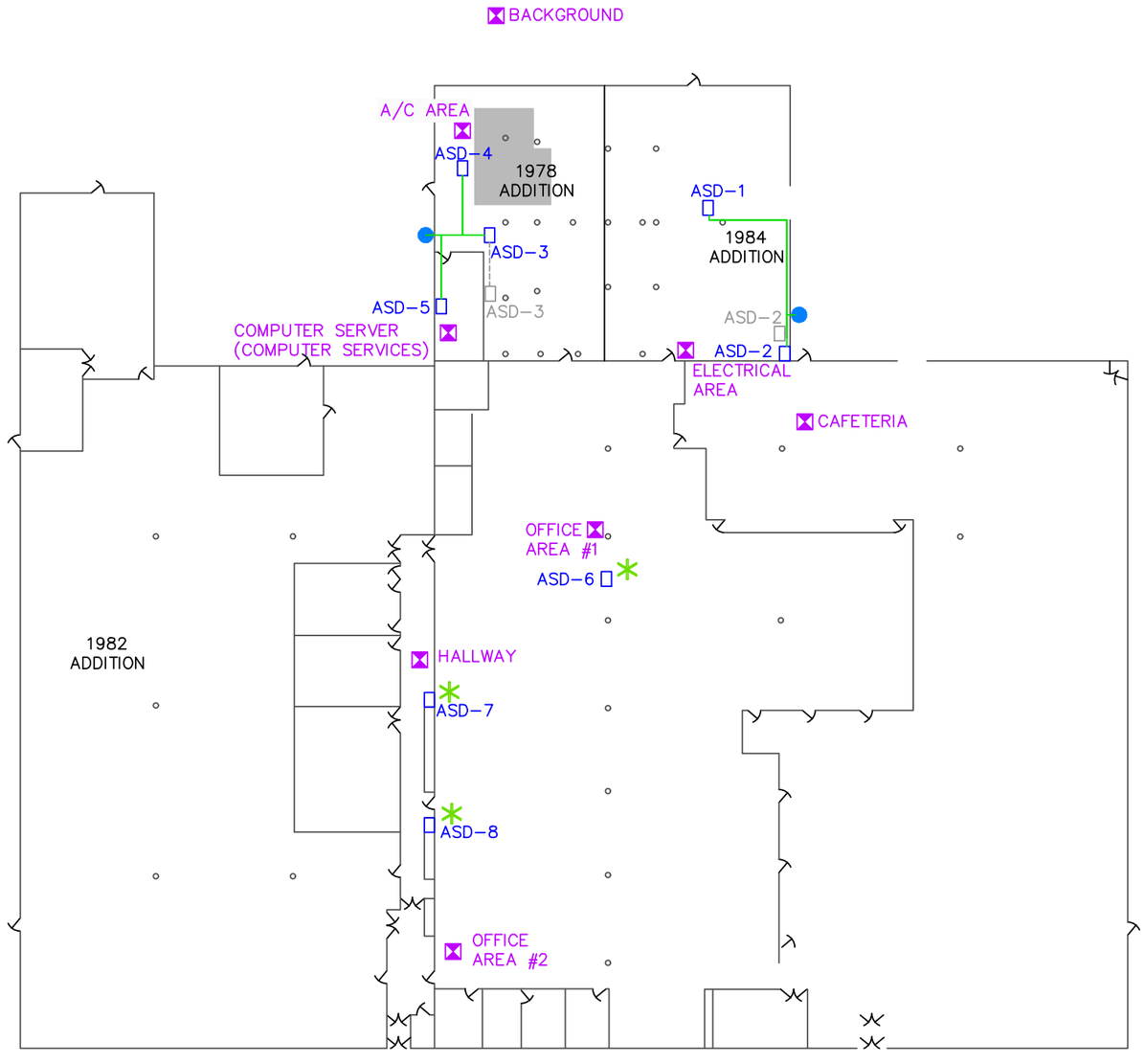

N

EXPLANATION

- EXISTING SUB-SLAB DEPRESSURIZATION POINT LOCATION
- EXISTING ASD PIPING RUN
- PREVIOUS SUB-SLAB DEPRESSURIZATION POINT LOCATION
- PREVIOUS ASD PIPING RUN
- EXTERIOR FAN AND EXHAUST LOCATION
- VERTICAL BUILDING POST
- INACCESSIBLE AREA
- INDOOR AIR SAMPLING LOCATION AND DESIGNATION
- DEDICATED FAN LOCATED ON RISER PIPE

SOURCE:
BUILDING LAYOUT DIGITIZED FROM PHOTOCOPY OF DRAWING FAXED FROM UNIVERSAL INSTRUMENTS CORPORATION FACILITIES DEPARTMENT.
NO FILE NAME OR SCALE PROVIDED.

DRAWING NOT TO SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

ASD SYSTEM AND INDOOR AIR SAMPLING LOCATIONS

VERINA Engineering, P.C.

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Tables

Table 1 - Manual ISCO Injection Summary, January - June 2018 - Former Dover Electronics Site, Kirkwood, New York

Injection Well ID	Injection Date(s)					
	January 16-17, 2018	February 20-23, 2018	March 23, 2018	April 9-11, 2018	May 22-23, 2018	June 19-21, 2018
	Volume Injected (gal)	**Volume Injected (gal)**	**Volume Injected (gal)**	**Volume Injected (gal)**	**Volume Injected (gal)**	**Volume Injected (gal)**
MW-7A	45	30	20	75	40	35
MW-16	0	80	0	200	80	100
MW-24	45	45	20	75	60	60
MW-25/MW-25R	45	115	120	325	220	150
MW-28	50	50	25	100	50	20
MP-4	50	75	20	75	45	30
MP-5	50	60	25	85	50	65
MP-8S	0	65	0	60	30	0
MP-11	0	0	0	15	5	0
MP-12	125	100	70	180	125	165
MP-14	50	50	0	85	50	60
IJ-1	65	75	19	80	48	40
IJ-2	35	35	32	30	35	45
IJ-3	0	0	0	0	0	0
IJ-4	0	5	3	10	6	25
IJ-5	0	3	0	10	5	15
IJ-6	55	110	15	120	80	50
IJ-7	0	0	0	0	5	70
IJ-8	20	25	14	12	20	35
IJ-9	0	0	0	0	0	0
IJ-10	65	77	17	63	46	35
Total Injected Volume (gal)	**700**	**1000**	**400**	**1600**	**1000**	**1000**

NOTES:

gal = Gallons

ISCO injection solution is a 10% by weight sodium permanganate solution.

Table 2 Groundwater Elevation Data - March 2018, Former Dover Electronics Site, Kirkwood, New York

Monitoring Well/Point	Top of Casing (ft, msl)	Date	Depth to Water (ft, btoc)	Groundwater Elevation (ft, msl)	Total Depth (ft, btoc)	Screened Interval (ft, btoc)	Water Bearing Unit
MW-2	863.28	3/19/2018	4.11	859.17	16.50	5-15	Shallow
MW-3	859.16	3/19/2018	2.51	856.65	14.45	5-15	Shallow
MW-5	864.68	3/19/2018	4.14	860.54	10.15	5-20	Shallow
MW-6	863.67	3/19/2018	0.36	863.31	34.86	15-35	Intermediate
MW-7A	882.74	3/19/2018	5.74	877.00	16.40	7-17	Shallow
MW-8	899.21	3/19/2018	26.30	872.91	58.97	30-60	Intermediate
MW-9	923.94	3/19/2018	45.25	878.69	60.00	30-60	Shallow
MW-11	918.87	3/19/2018	37.59	881.28	61.91	52-62	Intermediate
MW-12	912.31	3/19/2018	37.40	874.91	72.84	63-73	Intermediate
MW-13	912.14	3/19/2018	32.90	879.24	48.72	39-49	Shallow
MW-14	915.40	3/19/2018	38.59	876.81	71.71	62-72	Intermediate
MW-15	899.38	3/19/2018	27.55	871.83	28.02	36-46	Shallow
MW-16	878.87	3/19/2018	12.92	865.95	30.70	18-28	Shallow
MW-17	859.29	3/19/2018	10.58	848.71	20.26	8-18	Shallow
MW-18	857.34	3/19/2018	8.95	848.39	14.20	8-18	Shallow
MW-19	859.59	3/19/2018	11.76	847.83	19.22	8-18	Shallow
MW-21	883.22	3/19/2018	-	-	-	31-41	Intermediate
MW-22	861.62	3/19/2018	3.42	858.20	21.41	17-22	Intermediate
MW-23	916.62	3/19/2018	39.29	877.33	50.43	40.5-50.5	Shallow
MW-24	907.66	3/19/2018	33.82	873.84	42.85	35-45	Shallow
MW-25R	856.91	3/19/2018	10.67	846.24	38.70	34-39	Intermediate
MW-26	859.04	3/19/2018	11.80	847.24	27.05	22.5-27.5	Intermediate
MW-27	860.01	3/19/2018	11.35	848.66	26.40	16.5-26.5	Shallow
MW-28	859.09	3/19/2018	10.81	848.28	26.00	15-25	Shallow
MW-29	917.36	3/19/2018	42.13	875.23	48.91	39-49	Shallow
MW-30*	857.69	3/19/2018	11.36	846.33	21.02	15-25	Shallow
MW-31	856.90	3/19/2018	9.50	847.40	21.60	13-23	Shallow
MW-32	861.18	3/19/2018	10.69	850.49	23.48	15.1-25.1	Shallow
MW-33	863.64	3/19/2018	11.11	852.53	22.73	15-25	Shallow
MW-34	857.03	3/19/2018	0.00	857.03	-	53-58	Deep
MW-35	856.89	3/19/2018	10.74	846.15	36.75	32-37	Intermediate
MW-36	857.19	3/19/2018	-	-	-	14-24	Shallow
MW-37	857.71	3/19/2018	12.07	845.64	34.95	31-36	Intermediate
MW-38*	862.70	3/19/2018	1.56	861.14	23.86	20-25	Intermediate
MP-1	912.63	3/19/2018	37.19	875.44	39.40	31-41	Shallow
MP-2	911.00	3/19/2018	30.74	880.26	36.11	34-44	Shallow
MP-3D	910.59	3/19/2018	35.59	875.00	73.79	46-56	Intermediate
MP-4	883.65	3/19/2018	5.68	877.97	24.85	17-27	Shallow
MP-5	881.66	3/19/2018	12.40	869.26	23.72	14-24	Shallow
MP-6S	875.67	3/19/2018	11.04	864.63	25.03	14-24	Shallow
MP-6D	873.83	3/19/2018	44.75	829.08	48.63	39-49	Intermediate
MP-8S	857.40	3/19/2018	11.13	846.27	15.48	13-23	Shallow
MP-8D	857.20	3/19/2018	10.26	846.94	53.12	44-54	Intermediate
MP-11	875.80	3/19/2018	-	-	-	20-30	Shallow
MP-12	876.60	3/19/2018	9.95	866.65	24.52	15-25	Shallow
MP-13	884.30	3/19/2018	8.79	875.51	24.61	15-25	Shallow
MP-14	867.80	3/19/2018	4.61	863.19	22.75	15-25	Shallow
IJ-1	-	3/19/2018	12.76	-	24.26	15-25	Shallow
IJ-2	908.90	3/19/2018	27.80	881.10	44.74	30-45	Shallow
IJ-3	909.40	3/19/2018	1.21	908.19	44.60	30-45	Shallow
IJ-4	-	3/19/2018	3.00	-	25.05	10-25	Shallow
IJ-5	-	3/19/2018	0.94	-	25.00	10-25	Shallow
IJ-6	-	3/19/2018	10.86	-	36.86	10-20, 30-40	Shallow-Intermediate
IJ-7	909.00	3/19/2018	2.25	906.75	40.50	30-45	Shallow
IJ-8	909.20	3/19/2018	15.63	893.57	41.65	30-45	Shallow
IJ-9	909.50	3/19/2018	0.71	908.79	43.06	30-45	Shallow
IJ-10	880.70	3/19/2018	11.37	869.33	23.59	10-25	Shallow

Notes:

-: Not Applicable

* = Well resurveyed by Hulbert Enginerring in August 2015.

All wells gauged within a 24-hour period.

ft, btoc = Feet below top of inner well casing.

ft, msl = Feet above mean sea level.

Table 3 Summary of SSPL VOC Groundwater Analytical Results - MP-1, 2, 3D
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-1		MP-2			
Sampling Date		3/18/2010		3/18/2010		12/21/2012	
Laboratory ID	NYSDEC	R1001332-047		R1001332-048		R1208755-026	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45	U	0.45	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.64	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.59	U	0.57	U
Tetrachloroethene	5	0.43	U	**10**		2.50	J
Trichloroethene	5	0.63	U	0.63	U	0.22	U
Vinyl Chloride	2	0.52	U	0.52	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.48	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.45	U	0.33	U

Sample Location		MP-3D							
Sampling Date		3/18/2010		9/23/2013		9/18/2014		3/19/2018	
Laboratory ID	NYSDEC	R1001332-051		R1207148-002		R1407413-014		R1802550-004	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.52	U	0.40	J	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	1.2	J	0.85	J	0.32	J
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-4
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-4									
Sampling Date		3/16/2010		12/19/2011		2/15/2012		4/18/2012		6/19/2012	
Laboratory ID	NYSDEC	R1001332-030		R1107129-004		R1201111-011		R1202511-007		R1203991-003	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	23	U	23	U	12	U	12	U	12	U
1,1-Dichloroethane	5	32	U	20	U	10	U	10	U	10	U
1,1-Dichloroethene	5	30	U	29	U	15	U	15	U	15	U
Tetrachloroethene	5	**9500**		**11000**		**6500**		**6600**		**8200**	
Trichloroethene	5	32	U	**32**	J	12	U	12	U	12	U
Vinyl Chloride	2	26	U	23	U	12	U	12	U	12	U
cis-1,2-Dichloroethene	5	24	U	20	U	10	U	10	U	10	U
trans-1,2-Dichloroethene	5	23	U	20	U	10	U	10	U	10	U

Sample Location		MP-4									
Sampling Date		9/19/2012		12/20/2012		3/14/2013		DUP-031413		9/4/2013	
Laboratory ID	NYSDEC	R1206380-003		R1208755-018		R1301745-008		R1301745-015		R1306560-008	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	36	U	18	U	18	U	18	U	36	U
1,1-Dichloroethane	5	20	U	10	U	10	U	10	U	20	U
1,1-Dichloroethene	5	57	U	29	U	29	U	29	U	57	U
Tetrachloroethene	5	**11000**	D	**7700**		**8600**		**9000**		**13000**	D
Trichloroethene	5	22	U	11	U	11	U	**12**	J	**26**	DJ
Vinyl Chloride	2	32	U	16	U	16	U	16	U	32	U
cis-1,2-Dichloroethene	5	30	U	15	U	15	U	15	U	30	U
trans-1,2-Dichloroethene	5	33	U	17	U	17	U	17	U	33	U

Sample Location		MP-4									
Sampling Date		3/19/2014		9/17/2014		3/17/2015		9/22/2015		DUP-092215	
Laboratory ID	NYSDEC	R1402018-009		R1407413-005		R1501913-016		R1507987-025		R1507987-033	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	36	U	36	U	36	U	3.6	U	3.6	U
1,1-Dichloroethane	5	20	U	20	U	20	U	2.0	U	2.0	U
1,1-Dichloroethene	5	57	U	57	U	57	U	5.7	U	5.7	U
Tetrachloroethene	5	**11000**		**12000**		**10000**		**970**		**1200**	
Trichloroethene	5	22	U	22	U	22	U	2.2	U	2.2	U
Vinyl Chloride	2	32	U	32	U	32	U	3.2	U	3.2	U
cis-1,2-Dichloroethene	5	30	U	30	U	30	U	3.0	U	3.0	U
trans-1,2-Dichloroethene	5	33	U	33	U	33	U	3.4	U	3.4	U

Sample Location		MP-4									
Sampling Date		3/16/2016		9/14/2016		DUP-091416		3/21/2017		DUP-032117-02	
Laboratory ID	NYSDEC	R1602496-015		R1609765-002		R1609765-013		R1702492-011		R1702492-015	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.8	U	3.6	U	3.6	U	3.6	U	3.6	U
1,1-Dichloroethane	5	1.0	U	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethene	5	2.9	U	5.7	U	5.7	U	5.7	U	5.7	U
Tetrachloroethene	5	**3000**	D	**1400**		**1300**		**2500**	**D**	**2800**	**D**
Trichloroethene	5	1.1	U	2.2	U	2.2	U	2.2	U	2.2	U
Vinyl Chloride	2	1.6	U	3.2	U	3.2	U	3.2	U	3.2	U
cis-1,2-Dichloroethene	5	1.5	U	3.0	U	3.0	U	3.0	U	3.0	U
trans-1,2-Dichloroethene	5	1.7	U	3.3	U	3.3	U	3.3	U	3.3	U

Sample Location		MP-4							
Sampling Date		9/13/2017		DUP-091317		3/22/2018		DUP-032218	
Laboratory ID	NYSDEC	R1708648-014		R1708648-016		R1802550-021		R1802550-023	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	1.8	U	1.8	U	3.6	U	3.6	U
1,1-Dichloroethane	5	1.0	U	1.0	U	2.0	U	2.0	U
1,1-Dichloroethene	5	2.9	U	2.9	U	5.7	U	5.7	U
Tetrachloroethene	5	**820**		**610**		**1300**		**1300**	
Trichloroethene	5	1.1	U	1.1	U	2.2	U	2.2	U
Vinyl Chloride	2	1.6	U	1.6	U	3.2	U	3.2	U
cis-1,2-Dichloroethene	5	1.5	U	1.5	U	3.0	U	3.0	U
trans-1,2-Dichloroethene	5	1.7	U	1.7	U	3.3	U	3.3	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-5
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-5									
Sampling Date		3/17/2010		12/19/2011		2/16/2012		4/18/2012		6/19/2012	
Laboratory ID	NYSDEC	R1001332-036		R1107129-003		R1201111-015		R1202511-005		R1203991-002	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	2.3	U	2.4	U	2.4	U	1.2	U	1.2	U
1,1-Dichloroethane	5	3.2	U	2.0	U	2.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	3.0	U	2.9	U	3.2	DJ	3.1	J	3.3	J
Tetrachloroethene	5	**860**		**1100**	D	**830**	D	**730**		**950**	
Trichloroethene	5	**28**		**46**	DJ	**29**	DJ	**32**		**42**	
Vinyl Chloride	2	**6.7**	J	**8.9**	DJ	**8.5**	DJ	**11**	J	**6.6**	J
cis-1,2-Dichloroethene	5	**31**		**43**	DJ	**27**	DJ	**33**		**29**	
trans-1,2-Dichloroethene	5	2.3	U	2.0	U	2.0	U	1.0	U	1.0	U

Sample Location		MP-5									
Sampling Date		9/20/2012		DUP-092012		12/20/2012		3/14/2013		9/3/2013	
Laboratory ID	NYSDEC	R1206830-011		R1206380-019		R1208755-016		R1301745-006		R1306560-002	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
1,1-Dichloroethane	5	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	2.9	U	2.9	U	2.9	U	2.9	U	3.0	J
Tetrachloroethene	5	**710**		**750**		**620**		**920**		**970**	
Trichloroethene	5	**29**		**31**		**25**		**28**		**36**	
Vinyl Chloride	2	**3.0**	J	**3.9**	J	2.0	J	**3.0**	J	**4.1**	J
cis-1,2-Dichloroethene	5	**21**	J	**23**	J	**15**	J	**19**	J	**23**	J
trans-1,2-Dichloroethene	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U

Sample Location		MP-5									
Sampling Date		3/19/2014		DUP-031914		9/17/2014		3/17/2015		9/21/2015	
Laboratory ID	NYSDEC	R1402018-012		R1402018-015		R1407413-003		R1501913-010		R1507987-019	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	3.6	U	1.8	U	1.8	U	1.8	U	0.36	U
1,1-Dichloroethane	5	2.0	U	1.0	U	1.0	U	1.0	U	0.20	U
1,1-Dichloroethene	5	5.7	U	3.1	J	2.9	U	2.9	U	0.57	U
Tetrachloroethene	5	**940**		**940**		**890**		1.5	U	**11**	
Trichloroethene	5	**33**	J	**33**		**32**		1.1	U	0.22	U
Vinyl Chloride	2	**4.7**	J	**5.1**	J	1.7	J	1.6	U	0.32	U
cis-1,2-Dichloroethene	5	**20**	J	**20**	J	**14**	J	1.5	U	0.30	U
trans-1,2-Dichloroethene	5	3.4	U	1.7	U	1.7	U	1.7	U	0.33	U

Sample Location		MP-5									
Sampling Date		3/15/2016		9/13/2016		3/20/2017		9/13/2017		3/22/2018	
Laboratory ID	NYSDEC	R1602496-008		R1609682-015		R1702492-002		R1708648-012		R1802550-019	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.90	U	0.90	U	0.72	U	1.8	U
1,1-Dichloroethane	5	0.20	U	0.50	U	0.50	U	0.40	U	1.0	U
1,1-Dichloroethene	5	0.57	U	1.5	U	1.5	U	1.2	U	2.9	U
Tetrachloroethene	5	**280**	D	0.75	U	**29**		**7.8**		1.6	J
Trichloroethene	5	0.58	J	0.55	U	0.55	U	0.44	U	1.1	U
Vinyl Chloride	2	0.32	U	0.80	U	0.80	U	0.64	U	1.6	U
cis-1,2-Dichloroethene	5	0.30	U	0.75	U	0.75	U	0.60	U	1.5	U
trans-1,2-Dichloroethene	5	0.33	U	0.83	U	0.83	U	0.66	U	1.7	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-6D
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-6D									
Sampling Date		3/17/2010		12/19/2011		2/16/2012		4/18/2012		6/19/2012	
Laboratory ID	NYSDEC	R1001332-037		R1107129-002		R1201111-014		R1202511-003		R1203991-005	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.2	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1-Dichloroethane	5	1.6	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	1.5	U	0.29	U	0.29	U	0.29	U	0.29	U
Tetrachloroethene	5	1.1	U	0.28	J	**15**		0.23	U	0.23	U
Trichloroethene	5	1.6	U	0.23	U	0.20	U	0.20	U	0.20	U
Vinyl Chloride	2	1.3	U	0.23	U	0.23	U	0.23	U	0.23	U
cis-1,2-Dichloroethene	5	1.2	U	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethene	5	1.2	U	0.20	U	0.20	U	0.20	U	0.20	U

Sample Location		MP-6D									
Sampling Date		9/20/2012		12/21/2012		3/14/2013		9/5/2013		3/20/2014	
Laboratory ID	NYSDEC	R1206380-009		R1208755-024		R1301745-012		R1306560-018		R1402018-019	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U	1.30	J	0.37	J
Trichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MP-6D							
Sampling Date		9/17/2014		9/20/2015		9/12/2016		9/12/2017	
Laboratory ID	NYSDEC	R1407413-009		R1507987-008		R1609682-005		R1708647-014	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	1.40	J	0.54	J	0.30	U	0.33	J
Trichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-6S
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-6S									
Sampling Date		3/17/2010		12/19/2011		BD-121911		2/16/2012		4/18/2012	
Laboratory ID	NYSDEC	R1001332-038		R1107129-001		R1107129-008		R1201111-013		R1202511-002	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	4.5	U	2.4	U	2.4	U	2.4	U	2.4	U
1,1-Dichloroethane	5	6.4	U	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethene	5	5.9	U	2.9	U	2.9	U	2.9	U	2.9	U
Tetrachloroethene	5	**1100**		**1500**		**1000**		**1200**		**980**	
Trichloroethene	5	6.3	U	**8.0**	J	**6.3**	J	**7.8**	J	**5.9**	J
Vinyl Chloride	2	5.2	U	2.4	U	2.4	U	2.4	U	2.4	U
cis-1,2-Dichloroethene	5	4.8	U	**5.4**	J	4.7	J	**5.5**	J	**5.1**	J
trans-1,2-Dichloroethene	5	4.5	U	2.0	U	2.0	U	2.0	U	2.0	U

Sample Location		MP-6S									
Sampling Date		6/19/2012		9/19/2012		12/20/2012		3/14/2013		9/3/2013	
Laboratory ID	NYSDEC	R1203991-004		R1206380-005		R1208755-021		R1301745-010		R1306560-005	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	2.4	U	1.8	U	0.90	U	1.8	U	1.8	U
1,1-Dichloroethane	5	2.0	U	1.0	U	0.50	U	1.0	U	1.0	U
1,1-Dichloroethene	5	2.9	U	2.9	U	1.5	U	2.9	U	2.9	U
Tetrachloroethene	5	**970**		**920**		**420**		**750**	D	**590**	
Trichloroethene	5	**6.1**	J	**6.5**	J	4.2	J	4.5	DJ	2.2	J
Vinyl Chloride	2	2.4	U	1.6	U	0.80	U	1.6	U	1.6	U
cis-1,2-Dichloroethene	5	3.6	J	4.8	J	3.0	J	3.2	DJ	1.5	U
trans-1,2-Dichloroethene	5	2.0	U	1.7	U	0.83	U	1.7	U	1.7	U

Sample Location		MP-6S									
Sampling Date		3/19/2014		9/17/2014		3/17/2015		9/21/2015		3/16/2016	
Laboratory ID	NYSDEC	R1402018-014		R1407413-006		R1501913-013		R1507987-018		R1602496-012	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.90	U	0.90	U	0.90	U	0.90	U	0.36	U
1,1-Dichloroethane	5	0.50	U	0.50	U	0.50	U	0.50	U	0.20	U
1,1-Dichloroethene	5	1.5	U	1.5	U	1.5	U	1.5	U	0.57	U
Tetrachloroethene	5	**470**		**450**		**270**		**290**		**290**	D
Trichloroethene	5	2.7	J	3.4	J	1.1	J	1.5	J	1.0	
Vinyl Chloride	2	0.80	U	0.80	U	0.80	U	0.80	U	0.32	U
cis-1,2-Dichloroethene	5	1.4	J	1.8	J	0.75	U	1.4	J	0.81	J
trans-1,2-Dichloroethene	5	0.75	U	0.83	U	0.83	U	0.83	U	0.33	U

Sample Location		MP-6S									
Sampling Date		9/13/2016		3/21/2017		DUP-032117		9/12/2017		3/22/2018	
Laboratory ID	NYSDEC	R1609682-018		R1702492		R1702492-014		R1078648-002		R1802550-020	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.90	U	0.72	U	0.36	U	0.36	U	0.90	U
1,1-Dichloroethane	5	0.50	U	0.40	U	0.20	U	0.20	U	0.50	U
1,1-Dichloroethene	5	1.5	U	1.2	U	0.57	U	0.57	U	1.5	U
Tetrachloroethene	5	**260**		**200**		**200**		**280**	D	**13**	
Trichloroethene	5	1.8	J	0.66	J	0.73	J	2.3		0.55	U
Vinyl Chloride	2	0.80	U	0.64	U	0.32	U	0.32	U	0.80	U
cis-1,2-Dichloroethene	5	2.3	J	0.60	U	0.57	J	2.3		0.75	U
trans-1,2-Dichloroethene	5	0.83	U	0.66	U	0.33	U	0.33	U	0.83	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-8D
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-8D									
Sampling Date		3/15/2010		12/20/2011		3/16/2012		DUP-031612		6/20/2012	
Laboratory ID	NYSDEC	R1001332-022		R1107129-011		R1201757-007		R1201757-008		R1203991-017	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.29	U	0.29	U	0.29	U	0.29	U
Tetrachloroethene	5	0.43	U	0.45	J	0.20	U	0.20	U	0.20	U
Trichloroethene	5	0.63	U	0.23	U	0.23	U	0.23	U	0.23	U
Vinyl Chloride	2	0.52	U	0.23	U	0.23	U	0.23	U	0.23	U
cis-1,2-Dichloroethene	5	0.48	U	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethene	5	0.45	U	0.20	U	0.20	U	0.20	U	0.20	U

Sample Location		MP-8D									
Sampling Date		9/21/2012		12/19/2012		9/23/2013		9/19/2014		9/21/2015	
Laboratory ID	NYSDEC	R1206380-022		R1208755-007		R1307148-004		R1407413-030		R1507987-013	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.89	J	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MP-8D			
Sampling Date		9/13/2016		9/12/2017	
Laboratory ID	NYSDEC	R1609682-007		R1708647-012	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U
Trichloroethene	5	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-8S
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-8S									
Sampling Date		3/15/2010		12/20/2011		3/16/2012		6/20/2012		9/21/2012	
Laboratory ID	NYSDEC	R1001332-016		R1107129-012		R1201757-006		R1203991-014		R1206380-021	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.23	U	0.23	U	0.23	U	5	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	1.4	J	1.3	J	0.95	J	1.1	J	1.3	J
Tetrachloroethene	5	**13**		**49**		**31**		**31**		**64**	
Trichloroethene	5	**36**		**51**		**34**		**58**		**63**	
Vinyl Chloride	2	1.5	J	1.9	J	1.5	J	1.7	J	1.7	J
cis-1,2-Dichloroethene	5	**69**		**81**		**64**		**86**		**93**	
trans-1,2-Dichloroethene	5	**6.6**		**7.5**		**5.6**		**5.6**		**9.0**	

Sample Location		MP-8S									
Sampling Date		12/19/2012		3/15/2013		9/4/2013		9/19/2014		9/21/2015	
Laboratory ID	NYSDEC	R1208755-010		R1301745-021		R1306560-012		R1407413-028		R1507987-015	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	1.4	J	1.3	J	1.2	J	0.88	J	0.57	U
Tetrachloroethene	5	**51**		**68**		**68**		**65**		**23**	
Trichloroethene	5	**59**		**61**		**61**		**59**		**25**	
Vinyl Chloride	2	1.8	J	1.9	J	1.2	J	0.84	J	0.46	J
cis-1,2-Dichloroethene	5	**79**		**87**		**85**		**81**		**64**	
trans-1,2-Dichloroethene	5	**7.3**		**7.9**		**7.3**		**6.3**		3.7	J

Sample Location		MP-8S			
Sampling Date		9/13/2016		9/12/2017	
Laboratory ID	NYSDEC	R1609682-010		R1708647-009	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U
1,1-Dichloroethene	5	0.69	J	0.64	J
Tetrachloroethene	5	**25**		**26**	
Trichloroethene	5	**30**		**32**	
Vinyl Chloride	2	0.36	J	0.74	J
cis-1,2-Dichloroethene	5	**52**		**78**	
trans-1,2-Dichloroethene	5	3.1		4.9	

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-10D
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-10D									
Sampling Date		3/15/2010		12/20/2011		3/15/2012		6/20/2012		9/21/2012	
Laboratory ID	NYSDEC	R1001332-017		R1107129-013		R1201757-005		R1203991-018		R1206380-025	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.23	U	0.23	U	0.23	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.29	U	0.29	U	0.29	U	0.57	U
Tetrachloroethene	5	0.43	U	0.20	U	0.20	U	0.20	U	0.30	U
Trichloroethene	5	0.63	U	0.23	U	0.23	U	0.23	U	0.22	U
Vinyl Chloride	2	0.52	U	0.23	U	0.23	U	0.23	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.20	U	0.20	U	0.20	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.20	U	0.20	U	0.20	U	0.33	U

Sample Location		MP-10D			
Sampling Date		12/19/2012		9/23/2013	
Laboratory ID	NYSDEC	R1208755-012		R1307148-003	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U
Trichloroethene	5	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-11
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-11									
Sampling Date		10/28/2011		12/19/2011		2/15/2012		4/19/2012		6/21/2012	
Laboratory ID	NYSDEC	R1106103-002		R1107129-007		R1201111-005		R1202511-012		R1203991-023	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.29	U	0.29	J	0.29	U	0.31	J
Tetrachloroethene	5	**11**		**25**		**32**		**41**		**52**	
Trichloroethene	5	0.28	J	0.36	J	0.36	J	0.34	J	0.49	J
Vinyl Chloride	2	**9.2**		**18**		**22**		**32**		**31**	
cis-1,2-Dichloroethene	5	**5.4**		**15**		**24**		**30**		**29**	
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.23	J

Sample Location		MP-11									
Sampling Date		9/19/2012		12/18/2012		3/13/2013		9/4/2013		3/18/2014	
Laboratory ID	NYSDEC	R1206380-004		R1208755-001		R1301745-002		R1306560-013		R1402018-002	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.4	U	0.36	U	0.72	U	0.72	U
1,1-Dichloroethane	5	0.20	U	0.2	U	0.20	U	0.40	U	0.40	U
1,1-Dichloroethene	5	0.57	U	0.6	U	0.57	U	1.2	U	1.2	U
Tetrachloroethene	5	**86**		**110**		**170**		**200**	D	**220**	
Trichloroethene	5	0.99	J	1.0	J	1.4	J	1.8	DJ	1.6	J
Vinyl Chloride	2	**32**		**44**		**23**		**26**	D	**17**	
cis-1,2-Dichloroethene	5	**38**		**50**		**52**		**43**	D	**34**	
trans-1,2-Dichloroethene	5	0.33	U	0.35	J	0.36	J	0.80	DJ	0.66	U

Sample Location		MP-11									
Sampling Date		9/17/2014		3/16/2015		9/22/2015		3/15/2016		9/13/2016	
Laboratory ID	NYSDEC	R1407413-010		R1501913-004		R1507987-028		R1602496-003		R1609682-013	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	1.8	U	1.8	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	1.0	U	1.0	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	2.9	U	2.9	U	0.57	U
Tetrachloroethene	5	3.1	J	**67**		1.5	U	3.4	J	4.1	
Trichloroethene	5	0.22	U	0.22	U	1.1	U	1.1	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	1.6	U	1.6	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	2.3	J	1.5	J	1.5	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	1.7	U	1.7	U	0.33	U

Sample Location		MP-11	
Sampling Date		9/13/2017	
Laboratory ID	NYSDEC	R1708648-015	
Units	GWQS	µg/L	
Volatile Organic Compounds			
1,1,1-Trichloroethane	5	0.36	U
1,1-Dichloroethane	5	0.20	U
1,1-Dichloroethene	5	0.57	U
Tetrachloroethene	5	**7.7**	
Trichloroethene	5	0.22	U
Vinyl Chloride	2	0.32	U
cis-1,2-Dichloroethene	5	0.30	U
trans-1,2-Dichloroethene	5	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-12
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-12									
Sampling Date		10/28/2011		12/20/2011		2/15/2012		4/19/2012		6/19/2012	
Laboratory ID	NYSDEC	R1106103-001		R1107129-016		R1201111-007		R1202511-014		R1203991-008	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Tetrachloroethene	5	**78**		**77**		**51**		**36**		**28**	
Trichloroethene	5	4.4	J	3.9	J	2.8	J	2.1	J	1.6	J
Vinyl Chloride	2	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
cis-1,2-Dichloroethene	5	4.5	J	4.5	J	2.7	J	2.2	J	1.4	J
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U

Sample Location		MP-12									
Sampling Date		9/19/2012		12/18/2012		3/14/2013		9/4/2013		3/18/2014	
Laboratory ID	NYSDEC	R1206380-002		R1208755-002		R1301745-011		R1306560-016		R1402018-005	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**79**		**48**		**34**		**49**		**27**	
Trichloroethene	5	3.7	J	2.7	J	1.8	J	2.7	J	1.4	J
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	2.9	J	2.5	J	2.0	J	2.2	J	1.9	J
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MP-12									
Sampling Date		9/18/2014		3/16/2015		9/21/2015		3/15/2016		9/13/2016	
Laboratory ID	NYSDEC	R1407413-016		R1501913-006		R1507987-017		R1602496-007		R1609682-017	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**31**		**26**		**15**		**13**		0.30	U
Trichloroethene	5	1.2	J	0.88	J	0.54	J	0.44	J	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.1	J	0.93	J	0.78	J	0.71	J	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MP-12					
Sampling Date		3/20/2017		9/13/2017		3/21/2018	
Laboratory ID	NYSDEC	R1702492		R107648-008		R1802550-014	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.36	U	0.72	U	3.6	U
1,1-Dichloroethane	5	0.20	U	0.40	U	2.0	U
1,1-Dichloroethene	5	0.57	U	1.20	U	5.7	U
Tetrachloroethene	5	**17**		**4.6**		**5.1**	J
Trichloroethene	5	0.22	U	0.44	U	2.2	U
Vinyl Chloride	2	0.32	U	0.64	U	3.2	U
cis-1,2-Dichloroethene	5	0.30	U	0.60	U	3.0	U
trans-1,2-Dichloroethene	5	0.33	U	0.66	U	3.3	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-13
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-13									
Sampling Date		10/28/2011		12/19/2011		2/15/2012		4/18/2012		6/19/2012	
Laboratory ID	NYSDEC	R1106103-004		R1107129-005		R1201111-008		R1202511-009		R1203991-006	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Tetrachloroethene	5	0.20	U	1.2	J	3.7	J	0.82	J	0.60	J
Trichloroethene	5	1.2	J	0.90	J	0.50	J	0.38	J	0.50	J
Vinyl Chloride	2	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
cis-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U

Sample Location		MP-13									
Sampling Date		DUP-061912		9/20/2012		12/21/2012		9/25/2013		9/17/2014	
Laboratory ID	NYSDEC	R1203991-010		R1206380-008		R1208755-023		R1307148-017		R1407413-012	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.50	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.44	J	0.30	U	0.61	J	0.30	U	0.30	U
Trichloroethene	5	0.51	J	0.51	J	0.41	J	0.32	J	0.33	J
Vinyl Chloride	2	0.23	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.20	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.20	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MP-13					
Sampling Date		9/22/2015		9/13/2016		9/11/2017	
Laboratory ID	NYSDEC	R1507987-022		R1609682-008		R1708647-002	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.22	U	0.22	U	0.26	J
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MP-14
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-14									
Sampling Date		10/31/2011		12/21/2011		2/15/2012		DUP-021512		4/19/2012	
Laboratory ID	NYSDEC	R1106103-007		R1107129-025		R1201111-009		R120111-019		R1202511-015	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Tetrachloroethene	5	**30**		**37**		**29**		**27**		**25**	
Trichloroethene	5	1.6	J	2.0	J	1.7	J	1.5	J	1.2	J
Vinyl Chloride	2	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
cis-1,2-Dichloroethene	5	0.98	J	1.1	J	1.2	J	1.3	J	1.1	J
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U

Sample Location		MP-14									
Sampling Date		6/20/2012		9/20/2012		12/18/2012		3/14/2013		9/5/2013	
Laboratory ID	NYSDEC	R1203991-016		R1206380-010		R1208755-003		R1301745-013		R1306560-019	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**30**		**30**		**27**		**32**		**32**	
Trichloroethene	5	1.6	J	1.6	J	1.5	J	1.6	J	1.5	J
Vinyl Chloride	2	0.23	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.2	J	1.1	J	1.2	J	1.6	J	1.2	J
trans-1,2-Dichloroethene	5	0.20	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MP-14									
Sampling Date		3/19/2014		9/18/2014		3/16/2015		9/21/2015		3/16/2016	
Laboratory ID	NYSDEC	R1402018-011		R1407413-018		R1501913-003		R1507987-010		R1602496-017	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**37**		**45**		**53**		**50**		**89**	
Trichloroethene	5	1.9	J	1.9	J	1.7	J	0.71	J	1.9	
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.9	J	1.2	J	1.2	J	0.66	J	1.3	
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MP-14							
Sampling Date		9/14/2016		3/21/2017*		9/13/2017		3/21/2018	
Laboratory ID	NYSDEC	R1609765-007		R1702492		R1708648-009		R1802550-016	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**10**		**15**		**26**		**25**	
Trichloroethene	5	0.22	U	0.22	U	0.38	J	0.45	J
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

* = Sample shown as "MW-14" in lab report

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-2, 3, 5, 6
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-2											
Sampling Date		3/17/2010		12/27/2012		3/16/2015		3/15/2016		3/20/2017		3/19/2018	
Laboratory ID	NYSDEC	R1001332-034		R1208843-005		R1501913-005		R1602496-006		R1702492-005		R1802550-006	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds													
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**17**		**39**		3.1	J	2.5		4.0		3.0	
Trichloroethene	5	2.0	J	**5.3**		1.8	J	4.1		2.6		1.4	
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.2	J	3.3	J	1.6	J	4.9		0.74	J	0.31	J
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-3							
Sampling Date		3/12/2010		9/20/2015		9/14/2016		9/12/2017	
Laboratory ID	NYSDEC	R1001332-002		R1507987-009		R1609765-011		R1708648-001	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	4.5	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	6.4	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	5.9	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	6.3	U	**100**		**75**		**130**	
Trichloroethene	5	6.3	U	1.4	J	1.3		0.6	J
Vinyl Chloride	2	5.2	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	**7.6**	DJ	2.8	J	1.1		2	
trans-1,2-Dichloroethene	5	**610**	D	0.33	U	0.33	U	0.33	U

Sample Location		MW-5					
Sampling Date		3/18/2010		11/18/2014		9/21/2015	
Laboratory ID	NYSDEC	R1001332-043		R1409379-002		R1507987-020	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U
Tetrachloroethene	5	**31**		**45**		**44**	
Trichloroethene	5	0.63	U	2.3	J	0.38	J
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U

Sample Location		MW-6									
Sampling Date		3/18/2010		3/14/2013		9/24/2013		9/18/2014		DUP-091814	
Laboratory ID	NYSDEC	R1001332-045		R1301745-005		R1307148-009		R1407413-021		R1407413-022	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.38	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-7A
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-7A									
Sampling Date		3/16/2010		12/19/2011		2/14/2012		4/18/2012		6/19/2012	
Laboratory ID	NYSDEC	R1001332-028		R1107129-006		R1201111-003		R1202511-011		R1203991-009	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	4.5	U	4.7	U	4.7	U	4.7	U	4.7	U
1,1-Dichloroethane	5	6.4	U	4.0	U	4.0	U	4.0	U	4.0	U
1,1-Dichloroethene	5	5.9	U	5.8	U	5.8	U	5.8	U	5.8	U
Tetrachloroethene	5	**1700**		**2300**	D	**2700**		**2500**		**2700**	
Trichloroethene	5	6.3	U	**5.2**	DJ	**5.8**	J	4.7	U	4.7	U
Vinyl Chloride	2	5.2	U	4.7	U	4.7	U	4.7	U	4.7	U
cis-1,2-Dichloroethene	5	4.8	U	4.0	U	4.0	U	4.0	U	4.0	U
trans-1,2-Dichloroethene	5	4.5	U	4.0	U	4.0	U	4.0	U	4.0	U

Sample Location		MW-7A									
Sampling Date		9/20/2012		12/20/2012		DUP-122012		3/15/2013		9/4/2013	
Laboratory ID	NYSDEC	R1206380-015		R1208755-019		R1208755-022		R1301745-017		R1306560-011	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	3.6	U	3.6	U	3.6	U	7.2	U	1.8	U
1,1-Dichloroethane	5	2.0	U	2.0	U	2.0	U	4.0	U	1.0	U
1,1-Dichloroethene	5	5.7	U	5.7	U	5.7	U	12	U	2.9	U
Tetrachloroethene	5	**1600**		**1100**		**1200**		**1900**	D	**550**	
Trichloroethene	5	2.2	U	2.2	U	2.2	U	4.4	U	1.1	U
Vinyl Chloride	2	3.2	U	3.2	U	3.2	U	6.4	U	1.6	U
cis-1,2-Dichloroethene	5	3.0	U	3.0	U	3.0	U	6.0	U	1.5	U
trans-1,2-Dichloroethene	5	3.4	U	3.4	U	3.4	U	6.7	U	1.7	U

Sample Location		MW-7A									
Sampling Date		DUP-090413		3/18/2014		9/17/2014		3/17/2015		DUP-031715	
Laboratory ID	NYSDEC	R1306560-017		R1402018-006		R1407413-008		R1501913-009		R1501913-017	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.8	U	0.72	U	1.8	U	0.36	U	0.36	U
1,1-Dichloroethane	5	1.0	U	0.40	U	1.0	U	0.20	U	0.20	U
1,1-Dichloroethene	5	2.9	U	1.2	U	2.9	U	0.57	U	0.57	U
Tetrachloroethene	5	**560**	D	240	U	**780**	D	**35**		**37**	
Trichloroethene	5	1.1	U	0.44	U	1.1	U	0.22	U	0.22	U
Vinyl Chloride	2	1.6	U	0.64	U	1.6	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.5	U	0.60	U	1.5	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	1.7	U	0.66	U	1.7	U	0.33	U	0.33	U

Sample Location		MW-7A									
Sampling Date		9/22/2015		3/15/2016		9/15/2016		DUP-091516		3/20/2017	
Laboratory ID	NYSDEC	R1507987-023		R1602496-010		R1609765-015		R1609765-015		R1702492-004	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.8	U	0.36	U	1.8	U	1.8	U	1.8	U
1,1-Dichloroethane	5	1.0	U	0.20	U	1.0	U	1.0	U	1.0	U
1,1-Dichloroethene	5	2.9	U	0.57	U	2.9	U	2.9	U	2.9	U
Tetrachloroethene	5	4.1	J	**780**	D	1.5	U	1.5	U	**44**	
Trichloroethene	5	1.1	U	0.22	J	1.1	U	1.1	U	1.1	U
Vinyl Chloride	2	1.6	U	0.32	U	1.6	U	1.6	U	1.6	U
cis-1,2-Dichloroethene	5	1.5	U	0.30	U	1.5	U	1.5	U	1.5	U
trans-1,2-Dichloroethene	5	1.7	U	0.33	U	1.7	U	1.7	U	1.7	U

Sample Location		MW-7A			
Sampling Date		9/13/2017		3/21/2018	
Laboratory ID	NYSDEC	R1708648-013		R1802550-015	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	1.8	U	0.36	U
1,1-Dichloroethane	5	1.0	U	0.20	U
1,1-Dichloroethene	5	2.9	U	0.57	U
Tetrachloroethene	5	**6.2**		**140**	
Trichloroethene	5	1.1	U	0.22	U
Vinyl Chloride	2	1.6	U	0.32	U
cis-1,2-Dichloroethene	5	1.5	U	0.30	U
trans-1,2-Dichloroethene	5	1.7	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-8, 9, 11, 12, 13, 14
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-8							
Sampling Date		3/18/2010		12/28/2012		9/24/2013		DUP-092413	
Laboratory ID	NYSDEC	R1001332-046		R1208843-008		R1307148-014		R1307148-015	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-9		MW-11			
Sampling Date		3/16/2010		3/18/2010		9/18/2014	
Laboratory ID	NYSDEC	R1001332-027		R1001332-050		R1407413-019	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45	U	0.45	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.64	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.45	U	0.57	U
Tetrachloroethene	5	0.43	U	0.43	U	0.30	U
Trichloroethene	5	0.63	U	0.63	U	0.22	U
Vinyl Chloride	2	0.52	U	0.52	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.48	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.45	U	0.33	U

Sample Location		MW-12					
Sampling Date		3/19/2010		12/27/2012		9/18/2014	
Laboratory ID	NYSDEC	R1001332-054		R1208843-002		R1407413-013	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.22	U	0.22	U
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U

Sample Location		MW-13								MW-14	
Sampling Date		3/19/2010		9/22/2015		9/14/2016		9/11/2017		3/18/2010	
Laboratory ID	NYSDEC	R1001332-055		R1507987-031		R1609765-003		R1708647-004		R1001332-049	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U	0.45	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.64	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U	0.59	U
Tetrachloroethene	5	**15**		**17**		**33**		**19**	J	0.43	U
Trichloroethene	5	0.63	U	0.59	J	1.4		0.60	J	0.63	U
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U	0.52	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U	0.30	U	0.48	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U	0.45	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-16
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-16									
Sampling Date		3/17/2010		12/21/2011		2/15/2012		4/19/2012		DUP-041912	
Laboratory ID	NYSDEC	R1001332-042		R1107129-021		R1201111-010		R1202511-013		R1202511-018	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.90	U	0.46	U	0.46	U	0.46	U	0.46	U
1,1-Dichloroethane	5	1.3	U	0.40	U	0.40	U	0.40	U	0.40	U
1,1-Dichloroethene	5	1.2	U	0.58	U	0.58	U	0.58	U	0.58	U
Tetrachloroethene	5	**260**		**280**		**250**		**200**		**190**	D
Trichloroethene	5	**5.8**	J	**6.5**	J	**5.3**	J	4.0	J	4.3	DJ
Vinyl Chloride	2	1.1	U	0.46	U	0.46	U	0.46	U	0.46	U
cis-1,2-Dichloroethene	5	4.0	J	4.5	J	4.7	J	3.4	J	3.8	DJ
trans-1,2-Dichloroethene	5	0.90	U	0.40	U	0.40	U	0.40	U	0.40	U

Sample Location		MW-16									
Sampling Date		6/21/2012		9/20/2012		12/18/2012		3/13/2013		9/4/2013	
Laboratory ID	NYSDEC	R1203991-024		R1206380-017		R1208755-006		R1301745-003		R1306560-010	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.46	U	0.36	U	0.36	U	0.90	U	0.36	U
1,1-Dichloroethane	5	0.40	U	0.20	U	0.20	U	0.50	U	0.20	U
1,1-Dichloroethene	5	0.58	U	0.57	U	0.57	U	1.5	U	0.57	U
Tetrachloroethene	5	**210**		**200**		**180**		**200**	D	**160**	
Trichloroethene	5	4.4	J	4.5	J	4.3	J	4.2	DJ	3.3	J
Vinyl Chloride	2	0.46	U	0.32	U	0.32	U	0.80	U	0.32	U
cis-1,2-Dichloroethene	5	2.8	J	2.7	J	2.9	J	2.9	DJ	2.0	J
trans-1,2-Dichloroethene	5	0.40	U	0.33	U	0.33	U	0.83	U	0.33	U

Sample Location		MW-16									
Sampling Date		3/18/2014		9/18/2014		3/16/2015		9/22/2015		3/15/2016	
Laboratory ID	NYSDEC	R1402018-003		R1407413-015		R1501913-002		R1507987-027		R1602496-009	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**150**		**140**		**100**		**43**		**46**	
Trichloroethene	5	3.6	J	2.4	J	2.1	J	0.39	J	0.69	J
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.9	J	1.3	J	1.1	J	0.30	U	0.34	J
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-16							
Sampling Date		9/14/2016		3/20/2017		9/13/2017		3/21/2018	
Laboratory ID	NYSDEC	R1609765-006		R1702492-006		R1708648-011		R1802550-017	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**6.5**		**32**		**60**		**220**	D
Trichloroethene	5	0.22	U	0.22	U	0.28	J	3.5	
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	2.8	
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-17, 18, 19
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-17											
Sampling Date		3/18/2010		12/27/2012		9/24/2013		11/18/2014		9/15/2016		3/19/2018	
Laboratory ID	NYSDEC	R1001332-044		R1208843-004		R1307148-013		R1409379-003		R1609765-016		R1802550-003	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds													
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	1.9	J	1.5	J	1.8	J	1.8	J	3.7		2.2	
Trichloroethene	5	0.63	U	0.22	U	0.24	J	0.28	J	0.22	U	0.22	U
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-18							
Sampling Date		3/15/2010		12/29/2012		9/24/2013		9/19/2014	
Laboratory ID	NYSDEC	R1001332-019		R1208843-012		R1307148-012		R1407413-026	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-19							
Sampling Date		3/12/2010		9/20/2015		9/14/2016		9/12/2017	
Laboratory ID	NYSDEC	R1001332-012		R1507987-006		R1609765-004		R1708647-011	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**29**		**23**		**44**		**23**	
Trichloroethene	5	**8.7**		**7.1**		**9.3**		**5.9**	
Vinyl Chloride	2	0.52	U	0.58	J	0.32	U	0.60	J
cis-1,2-Dichloroethene	5	**15**		**15**		**14**		**11**	
trans-1,2-Dichloroethene	5	0.79	J	0.41	J	0.33	U	0.49	J

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-21, 22, 23, 24
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-21	MW-22			
Sampling Date		3/12/2010	3/12/2010	12/28/2012	9/24/2013	3/19/2018
Laboratory ID	NYSDEC	R1001332-005	R1001332-001	R1208843-007	R1307148-008	R1802550-002
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L
Volatile Organic Compounds						
1,1,1-Trichloroethane	5	0.45 U	0.45 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	5	0.64 U	0.64 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	5	0.59 U	0.59 U	0.57 U	0.57 U	0.57 U
Tetrachloroethene	5	0.43 U	0.43 U	0.30 U	0.30 U	0.30 U
Trichloroethene	5	0.63 U	0.63 U	0.22 U	0.22 U	0.22 U
Vinyl Chloride	2	0.52 U	0.52 U	0.32 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	0.48 U	0.48 U	0.30 U	0.38 U	0.30 U
trans-1,2-Dichloroethene	5	0.45 U	0.45 U	0.33 U	0.33 U	0.33 U

Sample Location		MW-23	MW-24				
Sampling Date		3/17/2010	3/19/2010	12/21/2012	9/22/2015	9/13/2016	9/13/2017
Laboratory ID	NYSDEC	R1001332-039	R1001332-056	R1208755-025	R1507987-030	R1609682-011	R1708648-006
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45 U	0.45 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	5	0.64 U	0.64 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	5	0.59 U	0.59 U	0.57 U	0.57 U	0.57 U	0.57 U
Tetrachloroethene	5	0.43 U	**150**	**22**	2.8 J	**9.8**	0.30 J
Trichloroethene	5	0.63 U	5.0 J	0.22 U	0.22 U	0.22 U	0.22 U
Vinyl Chloride	2	0.52 U	0.52 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	0.48 U	4.2 J	0.30 U	0.30 U	0.30 U	0.30 U
trans-1,2-Dichloroethene	5	0.45 U	0.45 U	0.33 U	0.33 U	0.33 U	0.33 U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-25/MW-25R
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-25									
Sampling Date		3/15/2010		12/20/2011		3/15/2012		6/20/2012		9/21/2012	
Laboratory ID	NYSDEC	R1001332-013		R1107129-014		R1201757-003		R1203991-011		R1206380-020	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.2	U	0.23	U	1.2	U	0.58	U	0.90	U
1,1-Dichloroethane	5	1.6	U	0.20	U	1.0	U	0.50	U	0.50	U
1,1-Dichloroethene	5	1.5	U	0.97	J	1.5	U	0.73	U	1.5	U
Tetrachloroethene	5	**450**		**43**		**360**	D	**350**		**400**	
Trichloroethene	5	**6.5**	J	**44**		**6.5**	DJ	**6.5**	J	**6.0**	J
Vinyl Chloride	2	1.3	U	0.82	J	1.2	U	0.58	U	0.80	U
cis-1,2-Dichloroethene	5	**8.2**	J	**60**		4.8	DJ	4.4	J	4.5	J
trans-1,2-Dichloroethene	5	1.2	U	3.9	J	1.0	U	0.50	U	0.83	U

Sample Location		MW-25									
Sampling Date		12/19/2012		3/15/2013		9/4/2013		3/20/2014		9/19/2014	
Laboratory ID	NYSDEC	R1208755-008		R1301745-018		R1306560-014		R1402018-017		R1407413-027	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.90	U	0.90	U	0.90	U	0.90	U	0.90	U
1,1-Dichloroethane	5	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1-Dichloroethene	5	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Tetrachloroethene	5	**360**		**370**		**350**		**300**		**240**	
Trichloroethene	5	**6.3**	J	**5.9**	J	**5.4**	J	**5.3**	J	3.0	J
Vinyl Chloride	2	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
cis-1,2-Dichloroethene	5	**5.1**	J	4.6	J	3.3	J	2.5	J	1.4	J
trans-1,2-Dichloroethene	5	0.83	U	0.83	U	0.83	U	0.83	U	0.83	U

Sample Location		MW-25									
Sampling Date		3/17/2015		9/21/2015		3/16/2016		9/14/2016		3/21/2017	
Laboratory ID	NYSDEC	R1501913-008		R1507987-016		R1602496-016		R1609765-009		R1702492	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.72	U	0.72	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.40	U	0.40	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	1.2	U	1.2	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**290**		**180**		**190**		**140**		**99**	
Trichloroethene	5	4.4	J	1.9	J	2.0		1.5		2.2	
Vinyl Chloride	2	0.64	U	0.64	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.8	J	0.90	J	1.3		0.83	J	1.5	
trans-1,2-Dichloroethene	5	0.66	U	0.66	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-25		MW-25R	
Sampling Date		9/13/2017		3/21/2018	
Laboratory ID	NYSDEC	R1708648-010		R1802550-011	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	1.80	U	0.36	U
1,1-Dichloroethane	5	1.00	U	0.20	U
1,1-Dichloroethene	5	2.9	U	0.57	U
Tetrachloroethene	5	1.5	U	**36**	
Trichloroethene	5	1.1	U	0.49	J
Vinyl Chloride	2	1.60	U	0.32	U
cis-1,2-Dichloroethene	5	1.5	U	0.36	J
trans-1,2-Dichloroethene	5	1.7	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-26, 27
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-26					
Sampling Date		3/12/2010		12/29/2012		DUP-122912	
Laboratory ID	NYSDEC	R1001332-006		R1208843-013		R1208843-015	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U
Tetrachloroethene	5	**65**		**49**		**50**	
Trichloroethene	5	4.5	J	4.8	J	4.8	J
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	**5.3**		**5.9**		**6.1**	
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U

Sample Location		MW-26							
Sampling Date		9/19/2014		9/20/2015		9/14/2016		9/12/2017	
Laboratory ID	NYSDEC	R1407413-025		R1507987-007		R1609765-008		R1708647-010	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**38**		**50**		**34**		**29**	
Trichloroethene	5	3.5	J	4.3	J	3.3		3.4	
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	4.0	J	**6.7**		4.8		4.6	
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	J

Sample Location		MW-27									
Sampling Date		3/15/2010		9/20/2015		9/14/2016		9/12/2017		3/19/2018	
Laboratory ID	NYSDEC	R1001332-015		R1507987-003		R1609765-005		R1708647-013		R1802550-005	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**72**		**20**		**34**		1.3		2.8	
Trichloroethene	5	3.4	J	**7.7**		**5.7**		0.51	J	0.53	J
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.2	J	**15**		**14**		**11**		1.5	
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-28
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-28									
Sampling Date		3/15/2010		12/20/2011		3/15/2012		6/20/2012		9/21/2012	
Laboratory ID	NYSDEC	R1001332-021		R1107129-015		R1201757-004		R1203991-013		R1206380-023	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	1.2	U	0.58	U	0.23	U	0.23	U	0.36	U
1,1-Dichloroethane	5	1.6	U	0.50	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	1.5	U	0.73	U	0.82	J	1.1	J	0.69	J
Tetrachloroethene	5	**270**		**340**		**52**		**47**		**180**	
Trichloroethene	5	**110**		**5.5**	J	**49**		**48**		**77**	
Vinyl Chloride	2	1.3	U	0.58	U	0.55	J	0.58	J	0.32	J
cis-1,2-Dichloroethene	5	**66**		4.3	J	**53**		**54**		**52**	
trans-1,2-Dichloroethene	5	1.2	U	0.50	U	3.5	J	3.4	J	2.2	J

Sample Location		MW-28									
Sampling Date		12/19/2012		3/15/2013		9/4/2013		3/20/2014		9/19/2014	
Laboratory ID	NYSDEC	R1208755-009		R1301745-019		R1306560-015		R1402018-016		R1407413-029	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.50	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.60	J	0.69	J	0.76	J	0.93	J	0.57	U
Tetrachloroethene	5	**190**		**170**		**110**		**43**		**36**	
Trichloroethene	5	**64**		**60**		**53**		**50**		**27**	
Vinyl Chloride	2	0.32	U	0.41	J	0.42	J	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	**40**		**47**		**50**		**55**		**26**	
trans-1,2-Dichloroethene	5	1.8	J	2.4	J	3.3	J	2.4	J	0.65	J

Sample Location		MW-28									
Sampling Date		3/17/2015		9/21/2015		3/16/2016		9/13/2016		3/21/2017	
Laboratory ID	NYSDEC	R1501913-011		R1507987-014		R1602496-013		R1609682-016		R1702492-013	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**41**		3.8	J	**11**		**7.5**		0.41	J
Trichloroethene	5	**12**		3.1	J	2.1		0.31	J	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	**12**		2.2	J	2.4		0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.56	J	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-28			
Sampling Date		9/13/2017		3/21/2018	
Laboratory ID	NYSDEC	R1708648-007		R1802550-012	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	1.8	U	1.8	U
1,1-Dichloroethane	5	1.0	U	1.0	U
1,1-Dichloroethene	5	2.9	U	2.9	U
Tetrachloroethene	5	1.5	U	1.5	U
Trichloroethene	5	1.1	U	1.1	U
Vinyl Chloride	2	1.6	U	1.6	U
cis-1,2-Dichloroethene	5	1.5	U	1.5	U
trans-1,2-Dichloroethene	5	1.7	U	1.7	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-29, 30
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-29					
Sampling Date		3/19/2010		12/27/2012		9/25/2013	
Laboratory ID	NYSDEC	R1001332-057		R1208843-003		R1307148-019	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.22	U	0.22	U
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U

Sample Location		MW-30									
Sampling Date		3/15/2010		12/21/2011		3/15/2012		6/20/2012		9/20/2012	
Laboratory ID	NYSDEC	R1001332-018		R1107129-022		R1201757-001		R1203991-012		R1206380-013	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.23	U	0.23	U	0.23	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.29	U	0.29	U	0.29	U	0.57	U
Tetrachloroethene	5	**7.5**		0.20	U	0.20	U	0.20	U	0.30	U
Trichloroethene	5	0.63	U	0.37	J	0.23	U	0.35	J	0.28	J
Vinyl Chloride	2	0.52	U	0.23	U	0.23	U	0.23	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.32	J	0.20	U	0.30	J	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.20	U	0.20	U	0.20	U	0.33	U

Sample Location		MW-30											
Sampling Date		12/20/2012		9/24/2013		9/19/2014		9/20/2015		9/12/2016		9/12/2017	
Laboratory ID	NYSDEC	R1208755-014		R1307148-006		R1407413-024		R1507987-002		R1609682-002		R1708647-008	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds													
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.28	J	0.22	U	0.22	U	0.59	J	0.57	J	0.51	J
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	0.51	J	0.93	J	0.59	J
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-31, 32, 33
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-31							
Sampling Date		3/16/2010		12/28/2012		9/24/2013		11/18/2014	
Laboratory ID	NYSDEC	R1001332-026		R1208843-010		R1307148-011		R1409379-004	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.47	J	0.33	J	0.38	J
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.73	J	0.85	J	0.42	J	0.38	J
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-31							
Sampling Date		DUP-111814		12/18/2015		9/12/2016		9/11/2017	
Laboratory ID	NYSDEC	R1409379-006		R1511708-002		R1609682-004		R1708647-003	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.39	J	0.80	J	0.44	J	0.61	J
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.37	J	0.49	J	0.30	U	0.44	J
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-32									
Sampling Date		3/12/2010		12/28/2012		9/20/2015		9/12/2016		9/11/2017	
Laboratory ID	NYSDEC	R1001332-008		R1208843-009		R1507987-004		R1609682-003		R1708647-005	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.43	U	0.30	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.63	U	0.22	U	0.22	U	0.38	J	0.30	J
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.38	J	0.57	J	0.89	J	0.84	J
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-33					
Sampling Date		3/15/2010		9/24/2013		9/20/2014	
Laboratory ID	NYSDEC	R1001332-014		R1307148-010		R1407413-032	
Units	GWQS	µg/L		µg/L		µg/L	
Volatile Organic Compounds							
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U
Tetrachloroethene	5	0.91	J	1.8	J	2.3	J
Trichloroethene	5	0.63	U	0.82	J	0.56	J
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.48	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - MW-34, 35, 36, 37, 38
Former Dover Electronics Site, Kirkwood, New York

Sample Location		MW-34		MW-35				MW-36	
Sampling Date		3/26/2010		3/12/2010		9/12/2017		3/16/2010	
Laboratory ID	NYSDEC	R1001332-020		R1001332-007		R1708647-016		R1001332-025	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.45	U	0.47	J	1.2	U	1.2	U
1,1-Dichloroethane	5	0.64	U	0.64	U	1.6	U	1.6	U
1,1-Dichloroethene	5	0.59	U	0.59	U	1.5	U	1.5	U
Tetrachloroethene	5	0.43	U	0.43	U	1.1	U	1.1	U
Trichloroethene	5	0.63	U	0.63	U	1.6	U	1.6	U
Vinyl Chloride	2	0.52	U	0.52	U	1.3	U	1.3	U
cis-1,2-Dichloroethene	5	0.48	U	0.48	U	0.43	J	1.2	U
trans-1,2-Dichloroethene	5	0.45	U	0.45	U	1.2	U	1.2	U

Sample Location		MW-37									
Sampling Date		3/16/2010		9/24/2013		9/19/2014		9/20/2015		9/12/2016		9/12/2017	
Laboratory ID	NYSDEC	R1001332-029		R1307148-007		R1407413-023		R1507987-001		R1609682-001		R1708647-006	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds													
1,1,1-Trichloroethane	5	1.2	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	1.6	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	1.5	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	1.1	U	**18**		**8.0**		**17**		**27**		1.1	J
Trichloroethene	5	1.6	U	0.78	J	0.38	J	0.52	J	1.3		0.22	U
Vinyl Chloride	2	1.3	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	1.2	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	1.2	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		MW-38							
Sampling Date		3/17/2010		9/21/2015		9/14/2016		9/12/2017	
Laboratory ID	NYSDEC	R1001332-035		R1507987-011		R1609765-010		R1708647-015	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	0.45	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.64	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	**190**		**89**		**110**		**98**	
Trichloroethene	5	**13**		**5.2**		**7.0**		**6.4**	
Vinyl Chloride	2	0.52	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	4.4	J	1.3	J	1.2		1.3	
trans-1,2-Dichloroethene	5	0.45	U	0.33	U	0.33	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - IJ-1
Former Dover Electronics Site, Kirkwood, New York

Sample Location		IJ-1									
Sampling Date		12/20/2011		2/14/2012		4/18/2012		6/21/2012		9/20/2012	
Laboratory ID	NYSDEC	R1107129-018		R1201111-004		R1202511-004		R1203991-021		R1206380-014	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.46	U	0.46	U	0.23	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.40	U	0.40	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.58	U	0.58	U	0.29	U	0.57	U
Tetrachloroethene	5	**180**		**180**	D	0.40	U	0.20	U	0.30	U
Trichloroethene	5	1.6	J	2.0	DJ	0.46	U	0.23	U	0.22	U
Vinyl Chloride	2	0.23	U	0.46	U	0.46	U	0.23	U	0.32	U
cis-1,2-Dichloroethene	5	1.0	J	0.40	DJ	0.40	U	0.20	U	0.30	U
trans-1,2-Dichloroethene	5	0.20	U	0.40	U	0.40	U	0.20	U	0.33	U

Sample Location		IJ-1									
Sampling Date		12/20/2012		9/3/2013		9/17/2014		9/22/2015		9/13/2016	
Laboratory ID	NYSDEC	R1208755-015		R1306560-003		R1407413-004		R1507987-021		R1609682-012	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	3.6	U	3.6	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	2.0	U	2.0	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	5.7	U	5.7	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U	3.0	U	3.0	U
Trichloroethene	5	0.22	U	0.22	U	0.22	U	2.2	U	2.2	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	3.2	U	3.2	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	3.0	U	3.0	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	3.4	U	3.4	U

Sample Location		IJ-1	
Sampling Date		9/12/2017	
Laboratory ID	NYSDEC	R1708648-003	
Units	GWQS	µg/L	
Volatile Organic Compounds			
1,1,1-Trichloroethane	5	0.36	U
1,1-Dichloroethane	5	0.20	U
1,1-Dichloroethene	5	0.57	U
Tetrachloroethene	5	0.30	U
Trichloroethene	5	0.22	U
Vinyl Chloride	2	0.32	U
cis-1,2-Dichloroethene	5	0.30	U
trans-1,2-Dichloroethene	5	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - IJ-4
Former Dover Electronics Site, Kirkwood, New York

Sample Location		IJ-4									
Sampling Date		12/21/2011		2/15/2012		4/18/2012		6/21/2012		9/19/2012	
Laboratory ID	NYSDEC	R1107129-023		R1201111-006		R1202511-008		R1203991-022		R1206380-007	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	12	U	12	U	0.46	U	0.64	J	0.39	J
1,1-Dichloroethane	5	10	U	10	U	0.40	U	4.0	U	0.20	U
1,1-Dichloroethene	5	15	U	15	U	0.58	U	5.8	U	0.57	U
Tetrachloroethene	5	**7300**		**7200**		0.40	U	**1200**	D	0.30	U
Trichloroethene	5	**100**	J	**120**	J	0.46	U	4.0	J	0.22	U
Vinyl Chloride	2	12	U	12	U	0.46	U	4.7	U	0.32	U
cis-1,2-Dichloroethene	5	**200**	J	**240**	J	0.40	U	2.8	J	0.30	U
trans-1,2-Dichloroethene	5	10	U	10	U	0.40	U	4.0	U	0.33	U

Sample Location		IJ-4									
Sampling Date		12/20/2012		3/14/2013		9/4/2013		3/18/2014		9/17/2014	
Laboratory ID	NYSDEC	R1208755-017		R1301745-009		R1306560-007		R1402018-004		R1407413-007	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.72	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.40	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	1.2	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.60	U	**190**		0.32	U
Trichloroethene	5	0.22	U	0.22	U	0.44	U	0.39	J	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.64	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.60	U	0.34	J	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.66	U	0.33	U	0.33	U

Sample Location		IJ-4									
Sampling Date		3/17/2015		9/22/2015		3/15/2016		9/13/2016		3/20/2017	
Laboratory ID	NYSDEC	R1501913-015		R1507987-026		R1602496-002		R1609682-014		R-1702492-003	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.43	J	1.8	U	1.8	U	0.90	U	3.6	U
1,1-Dichloroethane	5	0.20	U	1.0	U	1.0	U	0.50	U	2.0	U
1,1-Dichloroethene	5	0.57	U	2.9	U	2.9	U	1.5	U	5.7	U
Tetrachloroethene	5	0.30	U	1.5	U	1.5	U	0.75	U	3.0	U
Trichloroethene	5	0.22	U	1.1	U	1.1	U	0.55	U	2.2	U
Vinyl Chloride	2	0.32	U	1.6	U	1.6	U	0.80	U	3.2	U
cis-1,2-Dichloroethene	5	0.30	U	1.5	U	1.5	U	0.75	U	3.0	U
trans-1,2-Dichloroethene	5	0.33	U	1.7	U	1.7	U	0.83	U	3.3	U

Sample Location		IJ-4			
Sampling Date		9/13/2017		3/21/2018	
Laboratory ID	NYSDEC	R1708648-005		R1802550-008	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	1.8	U	1.8	U
1,1-Dichloroethane	5	1.0	U	1.0	U
1,1-Dichloroethene	5	2.9	U	2.9	U
Tetrachloroethene	5	1.5	U	4.8	J
Trichloroethene	5	1.1	U	1.1	U
Vinyl Chloride	2	1.6	U	1.6	U
cis-1,2-Dichloroethene	5	1.5	U	1.5	U
trans-1,2-Dichloroethene	5	1.7	U	1.7	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - IJ-5 and IJ-8
Former Dover Electronics Site, Kirkwood, New York

Sample Location		IJ-5									
Sampling Date		12/21/2011		2/15/2012		4/19/2012		6/20/2012		9/20/2012	
Laboratory ID	NYSDEC	R1107129-024		R1201111-012		R1202511-017		R1203991-015		R1206380-012	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.23	U	0.23	U	0.23	U	0.23	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.29	U	0.29	U	0.29	U	0.29	U	0.57	U
Tetrachloroethene	5	0.90	J	0.44	J	0.20	U	0.22	J	0.30	U
Trichloroethene	5	0.23	U	0.23	U	0.23	U	0.23	U	0.22	U
Vinyl Chloride	2	0.23	U	0.23	U	0.23	U	0.23	U	0.32	U
cis-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.30	U
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.33	U

Sample Location		IJ-5									
Sampling Date		12/18/2012		3/15/2013		9/5/2013		3/19/2014		9/18/2014	
Laboratory ID	NYSDEC	R1208755-005		R1301745-016		R1306560-020		R1402018-013		R1407413-017	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U	0.32	J	0.30	U
Trichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		IJ-5		IJ-8	
Sampling Date		3/21/2018		3/21/2018	
Laboratory ID	NYSDEC	R1802550-013		R1802550-010	
Units	GWQS	µg/L		µg/L	
Volatile Organic Compounds					
1,1,1-Trichloroethane	5	1.8	U	0.36	U
1,1-Dichloroethane	5	1.0	U	0.20	U
1,1-Dichloroethene	5	2.9	U	0.57	U
Tetrachloroethene	5	1.5	J	0.36	J
Trichloroethene	5	1.1	U	0.22	U
Vinyl Chloride	2	1.6	U	0.32	U
cis-1,2-Dichloroethene	5	1.5	U	0.30	U
trans-1,2-Dichloroethene	5	1.7	U	0.33	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 3 (Continued) Summary of SSPL VOC Groundwater Analytical Results - IJ-10
Former Dover Electronics Site, Kirkwood, New York

Sample Location		IJ-10									
Sampling Date		10/28/2011		12/20/2011		2/14/2012		4/18/2012		6/21/2012	
Laboratory ID	NYSDEC	R1106103-003		R1107129-017		R1201111-001		R1202511-006		R1203991-020	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.58	U	0.58	U	0.58	U	0.58	U	0.23	U
1,1-Dichloroethane	5	0.50	U	0.50	U	0.50	U	0.50	U	0.20	U
1,1-Dichloroethene	5	2.1	J	1.7	J	1.6	J	0.73	U	0.29	U
Tetrachloroethene	5	**200**		**310**		**230**		0.50	U	0.20	U
Trichloroethene	5	**150**		**110**		**88**		0.58	U	0.23	U
Vinyl Chloride	2	1.1	J	2.0	J	**3.0**	J	0.58	U	0.23	U
cis-1,2-Dichloroethene	5	**380**		**300**		**260**		0.50	U	0.20	U
trans-1,2-Dichloroethene	5	0.70	J	2.5	J	4.1	J	0.50	U	0.20	U

Sample Location		IJ-10									
Sampling Date		9/20/2012		12/20/2012		3/14/2013		9/3/2013		3/19/2014	
Laboratory ID	NYSDEC	R1206380-016		R1208755-013		R1301745-007		R1306560-004		R1402018-008	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U	2.0	J	0.92	J
Trichloroethene	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		IJ-10									
Sampling Date		9/17/2014		3/17/2015		9/22/2015		3/15/2016		DUP-031516	
Laboratory ID	NYSDEC	R1407413-002		R1501913-012		R1507987-024		R1602496-005		R1602496-011	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds											
1,1,1-Trichloroethane	5	0.36	U	0.36	U	3.6	U	0.36	U	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	2.0	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.57	U	0.57	U	5.7	U	0.57	U	0.57	U
Tetrachloroethene	5	1.50	J	0.30	U	3.0	U	0.30	U	0.30	U
Trichloroethene	5	0.22	U	0.22	U	2.2	U	0.22	U	0.22	U
Vinyl Chloride	2	0.32	U	0.32	U	3.2	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.30	U	0.30	U	3.0	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	0.33	U	3.4	U	0.33	U	0.33	U

Sample Location		IJ-10							
Sampling Date		9/13/2016		3/21/2017		9/12/2017		3/21/2018	
Laboratory ID	NYSDEC	R1609686-009		R1702492-010		R1708648-004		R1802550-009	
Units	GWQS	µg/L		µg/L		µg/L		µg/L	
Volatile Organic Compounds									
1,1,1-Trichloroethane	5	3.6	U	3.6	U	3.6	U	3.6	U
1,1-Dichloroethane	5	2.0	U	2.0	U	2.0	U	2.0	U
1,1-Dichloroethene	5	5.7	U	5.7	U	5.7	U	5.7	U
Tetrachloroethene	5	3.0	U	**7.6**	**J**	3.0	U	**8.1**	J
Trichloroethene	5	2.2	U	2.2	U	2.2	U	2.2	U
Vinyl Chloride	2	3.2	U	3.2	U	3.2	U	3.2	U
cis-1,2-Dichloroethene	5	3.0	U	3.0	U	3.0	U	3.0	U
trans-1,2-Dichloroethene	5	3.3	U	3.3	U	3.3	U	3.3	U

Notes:

All results presented in micrograms per liter (µg/l).

D = Compound identified in an analysis at a secondary dilution factor

J = Estimated value, reported concentration is less than sample quantitation limit but greater than the method detection limit

U = Constituent analyzed for but not detected above the method detection limit presented

NS = Not sampled

Table 4 Indoor Air Sampling Analytical Results - March 2018, Former Dover Electronics Site, Kirkwood, New York

Sample Location	Background				AC Area				Cafeteria			
Sampling Date	3/22/2018				3/22/2018				3/22/2018			
Laboratory ID	P1801540-003				P1801540-007				P1801540-004			
Units	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q
Volatile Organic Compounds												
Dichlorodifluoromethane (CFC 12)	**0.41**		**2.0**		**0.60**		**3.0**		**0.51**		**2.5**	
Chloromethane	0.32	U	0.66	U	0.43	U	0.89	U	0.39	U	0.82	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.094	U	0.66	U	0.13	U	0.89	U	0.12	U	0.82	U
Vinyl Chloride	0.26	U	0.66	U	0.35	U	0.89	U	0.32	U	0.82	U
1,3-Butadiene	0.30	U	0.66	U	0.40	U	0.89	U	0.37	U	0.82	U
Bromomethane	0.17	U	0.66	U	0.23	U	0.89	U	0.21	U	0.82	U
Chloroethane	0.25	U	0.66	U	0.34	U	0.89	U	0.31	U	0.82	U
Ethanol	3.5	U	6.6	U	**47**		**88**		**89**		**170**	
Acetonitrile	0.39	U	0.66	U	0.53	U	0.89	U	0.49	U	0.82	U
Acrolein	1.2	U	2.6	U	1.6	U	3.6	U	1.4	U	3.3	U
Acetone	2.8	U	6.6	U	**9.4**		**22**		**8.6**	U	**20**	U
Trichlorofluoromethane	0.12	U	0.66	U	**0.37**		**2.1**		**1.2**	U	**6.5**	U
2-Propanol (Isopropyl Alcohol)	2.7	U	6.6	U	**39**		**96**		**24**	U	**58**	U
Acrylonitrile	0.30	U	0.66	U	0.41	U	0.89	U	0.38	U	0.82	U
1,1-Dichloroethene	0.17	U	0.66	U	0.22	U	0.89	U	0.21	U	0.82	U
Methylene Chloride	0.19	U	0.66	U	**0.56**		**2.0**		**0.24**		**0.84**	
3-Chloro-1-propene (Allyl Chloride)	0.21	U	0.66	U	0.28	U	0.89	U	0.26	U	0.82	U
Trichlorotrifluoroethane	0.086	U	0.66	U	0.12	U	0.89	U	0.11	U	0.82	U
Carbon Disulfide	2.1	U	6.6	U	2.9	U	8.9	U	2.6	U	8.2	U
trans-1,2-Dichloroethene	0.17	U	0.66	U	0.22	U	0.89	U	0.21	U	0.82	U
1,1-Dichloroethane	0.16	U	0.66	U	0.22	U	0.89	U	0.20	U	0.82	U
Methyl tert-Butyl Ether	0.18	U	0.66	U	0.25	U	0.89	U	0.23	U	0.82	U
Vinyl Acetate	1.9	U	6.6	U	2.5	U	8.9	U	2.3	U	8.2	U
2-Butanone (MEK)	2.2	U	6.6	U	3.0	U	8.9	U	2.8	U	8.2	U
cis-1,2-Dichloroethene	0.17	U	0.66	U	0.22	U	0.89	U	0.21	U	0.82	U
n-Hexane	0.19	U	0.66	U	0.25	U	0.89	U	0.23	U	0.82	U
Chloroform	0.14	U	0.66	U	0.18	U	0.89	U	0.17	U	0.82	U
1,2-Dichloroethane	0.16	U	0.66	U	0.22	U	0.89	U	0.20	U	0.82	U
1,1,1-Trichloroethane	0.12	U	0.66	U	0.16	U	0.89	U	0.15	U	0.82	U
Benzene	0.21	U	0.66	U	0.28	U	0.89	U	0.26	U	0.82	U
Carbon Tetrachloride	0.021	U	0.13	U	**0.063**		**0.40**		**0.065**		**0.41**	
1,2-Dichloropropane	0.14	U	0.66	U	0.19	U	0.89	U	0.18	U	0.82	U
Bromodichloromethane	0.099	U	0.66	U	0.13	U	0.89	U	0.12	U	0.82	U
Trichloroethene (TCE)	0.025	U	0.13	U	0.033	U	0.18	U	0.030	U	0.16	U
1,4-Dioxane	0.18	U	0.66	U	0.25	U	0.89	U	0.23	U	0.82	U
cis-1,3-Dichloropropene	0.15	U	0.66	U	0.20	U	0.89	U	0.18	U	0.82	U
4-Methyl-2-pentanone	0.16	U	0.66	U	0.22	U	0.89	U	0.20	U	0.82	U
trans-1,3-Dichloropropene	0.15	U	0.66	U	0.20	U	0.89	U	0.18	U	0.82	U
1,1,2-Trichloroethane	0.12	U	0.66	U	0.16	U	0.89	U	0.15	U	0.82	U
Toluene	0.18	U	0.66	U	**0.53**		**2.0**		**0.37**		**1.4**	
2-Hexanone	0.16	U	0.66	U	0.22	U	0.89	U	0.20	U	0.82	U
Dibromochloromethane	0.078	U	0.66	U	0.10	U	0.89	U	0.096	U	0.82	U
1,2-Dibromoethane	0.086	U	0.66	U	0.12	U	0.89	U	0.11	U	0.82	U
n-Butyl Acetate	0.14	U	0.66	U	0.19	U	0.89	U	0.17	U	0.82	U
Tetrachloroethene (PCE)	0.097	U	0.66	U	**0.32**		**2.2**		**0.15**		**1.0**	
Chlorobenzene	0.14	U	0.66	U	0.19	U	0.89	U	0.18	U	0.82	U
Ethylbenzene	0.15	U	0.66	U	0.20	U	0.89	U	0.19	U	0.82	U
m,p-Xylenes	0.30	U	1.3	U	0.41	U	1.8	U	0.38	U	1.6	U
Bromoform	0.064	U	0.66	U	0.086	U	0.89	U	0.079	U	0.82	U
Styrene	0.16	U	0.66	U	0.21	U	0.89	U	0.19	U	0.82	U
o-Xylene	0.15	U	0.66	U	0.20	U	0.89	U	0.19	U	0.82	U
n-Nonane	0.13	U	0.66	U	0.17	U	0.89	U	0.16	U	0.82	U
1,1,2,2-Tetrachloroethane	0.096	U	0.66	U	0.13	U	0.89	U	0.12	U	0.82	U
Cumene	0.13	U	0.66	U	0.18	U	0.89	U	0.17	U	0.82	U
alpha-Pinene	0.12	U	0.66	U	0.16	U	0.89	U	0.15	U	0.82	U
4-Ethyltoluene	0.13	U	0.66	U	0.18	U	0.89	U	0.17	U	0.82	U
1,3,5-Trimethylbenzene	0.13	U	0.66	U	0.18	U	0.89	U	0.17	U	0.82	U
1,2,4-Trimethylbenzene	0.13	U	0.66	U	0.18	U	0.89	U	0.17	U	0.82	U
Benzyl Chloride	0.26	U	1.3	U	0.34	U	1.8	U	0.31	U	1.6	U
1,3-Dichlorobenzene	0.11	U	0.66	U	0.15	U	0.89	U	0.14	U	0.82	U
1,4-Dichlorobenzene	0.11	U	0.66	U	0.15	U	0.89	U	0.14	U	0.82	U
1,2-Dichlorobenzene	0.11	U	0.66	U	0.15	U	0.89	U	0.14	U	0.82	U
d-Limonene	0.12	U	0.66	U	**0.42**		**2.3**		**0.97**		**5.4**	
1,2-Dibromo-3-chloropropane	0.068	U	0.66	U	0.092	U	0.89	U	0.084	U	0.82	U
1,2,4-Trichlorobenzene	0.089	U	0.66	U	0.12	U	0.89	U	0.11	U	0.82	U
Naphthalene	0.13	U	0.66	U	0.17	U	0.89	U	0.16	U	0.82	U
Hexachlorobutadiene	0.062	U	0.66	U	0.083	U	0.89	U	0.076	U	0.82	U

Notes:

Bold = compound detected in sample

Red = compounds of concern

µg/m³ = micrograms per cubic meter

ppbv = parts per billion by volume

Q = Qualifier

U = Constituent not detected above reporting limit given

CAS = Columbia Analytical Services

Gray shading indicates compound exceeds respective NYSDOH Indoor Air Guidance Value

NYSDOH = New York State Department of Health

NYSDOH Indoor Air Guidance Values in µg/m³ are:

Methylene Chloride - 60

PCE - 100

TCE - 5

Table 4 Indoor Air Sampling Analytical Results - March 2018, Former Dover Electronics Site, Kirkwood, New York

Sample Location	Electrical Area				Office Area 1				Office Area 2			
Sampling Date	3/22/2018				3/22/2018				3/22/2018			
Laboratory ID	P1801540-008				P1801540-002				P1801540-001			
Units	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q
Volatile Organic Compounds												
Dichlorodifluoromethane (CFC 12)	**0.62**		**3.1**		**0.55**		**2.7**		**0.50**		**2.5**	
Chloromethane	0.35	U	0.72	U	0.35	U	0.73	U	0.41	U	0.86	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.10	U	0.72	U	0.10	U	0.73	U	0.12	U	0.86	U
Vinyl Chloride	0.28	U	0.72	U	0.29	U	0.73	U	0.33	U	0.86	U
1,3-Butadiene	0.33	U	0.72	U	0.33	U	0.73	U	0.39	U	0.86	U
Bromomethane	0.19	U	0.72	U	0.19	U	0.73	U	0.22	U	0.86	U
Chloroethane	0.27	U	0.72	U	0.28	U	0.73	U	0.32	U	0.86	U
Ethanol	**100**		**200**		**86**		**160**		**120**		**220**	
Acetonitrile	0.43	U	0.72	U	0.43	U	0.73	U	0.51	U	0.86	U
Acrolein	1.3	U	2.9	U	1.3	U	2.9	U	1.5	U	3.4	U
Acetone	**12**		**28**		**9.6**		**23**		**8.6**		**20**	
Trichlorofluoromethane	**0.43**		**2.4**		**1.0**		**5.6**		**1.2**		**6.6**	
2-Propanol (Isopropyl Alcohol)	**400**	**D**	**990**	**D**	**34**		**83**		**23**		**57**	
Acrylonitrile	0.33	U	0.72	U	0.34	U	0.73	U	0.39	U	0.86	U
1,1-Dichloroethene	0.18	U	0.72	U	0.18	U	0.73	U	0.22	U	0.86	U
Methylene Chloride	**0.46**		**1.6**		**0.28**		**0.99**		**0.25**		**0.86**	
3-Chloro-1-propene (Allyl Chloride)	0.23	U	0.72	U	0.23	U	0.73	U	0.27	U	0.86	U
Trichlorotrifluoroethane	0.094	U	0.72	U	0.095	U	0.73	U	0.11	U	0.86	U
Carbon Disulfide	2.3	U	7.2	U	2.3	U	7.3	U	2.7	U	8.6	U
trans-1,2-Dichloroethene	0.18	U	0.72	U	0.18	U	0.73	U	0.22	U	0.86	U
1,1-Dichloroethane	0.18	U	0.72	U	0.18	U	0.73	U	0.21	U	0.86	U
Methyl tert-Butyl Ether	0.20	U	0.72	U	0.20	U	0.73	U	0.24	U	0.86	U
Vinyl Acetate	2.0	U	7.2	U	2.1	U	7.3	U	2.4	U	8.6	U
2-Butanone (MEK)	2.4	U	7.2	U	2.5	U	7.3	U	2.9	U	8.6	U
cis-1,2-Dichloroethene	0.18	U	0.72	U	0.18	U	0.73	U	0.22	U	0.86	U
n-Hexane	0.20	U	0.72	U	**0.30**		**1.0**		0.24	U	0.86	U
Chloroform	0.15	U	0.72	U	0.15	U	0.73	U	0.18	U	0.86	U
1,2-Dichloroethane	0.18	U	0.72	U	0.18	U	0.73	U	0.21	U	0.86	U
1,1,1-Trichloroethane	0.13	U	0.72	U	0.13	U	0.73	U	0.16	U	0.86	U
Benzene	0.23	U	0.72	U	**0.54**		**1.7**		0.27	U	0.86	U
Carbon Tetrachloride	**0.065**		**0.41**		**0.065**		**0.41**		**0.064**		**0.40**	
1,2-Dichloropropane	0.16	U	0.72	U	0.16	U	0.73	U	0.19	U	0.86	U
Bromodichloromethane	0.11	U	0.72	U	0.11	U	0.73	U	0.13	U	0.86	U
Trichloroethene (TCE)	0.027	U	0.14	U	0.027	U	0.15	U	0.032	U	0.17	U
1,4-Dioxane	0.20	U	0.72	U	0.20	U	0.73	U	0.24	U	0.86	U
cis-1,3-Dichloropropene	0.16	U	0.72	U	0.16	U	0.73	U	0.19	U	0.86	U
4-Methyl-2-pentanone	0.18	U	0.72	U	0.18	U	0.73	U	0.21	U	0.86	U
trans-1,3-Dichloropropene	0.16	U	0.72	U	0.16	U	0.73	U	0.19	U	0.86	U
1,1,2-Trichloroethane	0.13	U	0.72	U	0.13	U	0.73	U	0.16	U	0.86	U
Toluene	**0.33**		**1.2**		**3.1**		**12**		**0.25**		**0.93**	
2-Hexanone	0.18	U	0.72	U	0.18	U	0.73	U	0.21	U	0.86	U
Dibromochloromethane	0.085	U	0.72	U	0.086	U	0.73	U	0.10	U	0.86	U
1,2-Dibromoethane	0.094	U	0.72	U	0.095	U	0.73	U	0.11	U	0.86	U
n-Butyl Acetate	0.15	U	0.72	U	**0.16**		**0.74**		0.18	U	0.86	U
Tetrachloroethene (PCE)	**0.41**		**2.7**		**0.12**		**0.84**		**0.13**		**0.88**	
Chlorobenzene	0.16	U	0.72	U	0.16	U	0.73	U	0.19	U	0.86	U
Ethylbenzene	0.17	U	0.72	U	0.17	U	0.73	U	0.20	U	0.86	U
m,p-Xylenes	0.33	U	1.4	U	0.34	U	1.5	U	0.39	U	1.7	U
Bromoform	0.070	U	0.72	U	0.071	U	0.73	U	0.083	U	0.86	U
Styrene	0.17	U	0.72	U	0.17	U	0.73	U	0.20	U	0.86	U
o-Xylene	0.17	U	0.72	U	0.17	U	0.73	U	0.20	U	0.86	U
n-Nonane	0.14	U	0.72	U	0.14	U	0.73	U	0.16	U	0.86	U
1,1,2,2-Tetrachloroethane	0.10	U	0.72	U	0.11	U	0.73	U	0.12	U	0.86	U
Cumene	0.15	U	0.72	U	0.15	U	0.73	U	0.17	U	0.86	U
alpha-Pinene	0.13	U	0.72	U	0.13	U	0.73	U	0.15	U	0.86	U
4-Ethyltoluene	0.15	U	0.72	U	0.15	U	0.73	U	0.17	U	0.86	U
1,3,5-Trimethylbenzene	0.15	U	0.72	U	0.15	U	0.73	U	0.17	U	0.86	U
1,2,4-Trimethylbenzene	0.15	U	0.72	U	0.15	U	0.73	U	0.17	U	0.86	U
Benzyl Chloride	0.28	U	1.4	U	0.28	U	1.5	U	0.33	U	1.7	U
1,3-Dichlorobenzene	0.12	U	0.72	U	0.12	U	0.73	U	0.14	U	0.86	U
1,4-Dichlorobenzene	0.12	U	0.72	U	0.12	U	0.73	U	0.14	U	0.86	U
1,2-Dichlorobenzene	0.12	U	0.72	U	0.12	U	0.73	U	0.14	U	0.86	U
d-Limonene	**0.43**		**2.4**		**1.2**		**6.9**		**1.2**		**6.6**	
1,2-Dibromo-3-chloropropane	0.075	U	0.72	U	0.076	U	0.73	U	0.088	U	0.86	U
1,2,4-Trichlorobenzene	0.097	U	0.72	U	0.098	U	0.73	U	0.12	U	0.86	U
Naphthalene	0.14	U	0.72	U	0.14	U	0.73	U	0.16	U	0.86	U
Hexachlorobutadiene	0.068	U	0.72	U	0.068	U	0.73	U	0.080	U	0.86	U

Notes:

Bold = compound detected in sample

Red = compounds of concern

µg/m³ = micrograms per cubic meter

ppbv = parts per billion by volume

Q = Qualifier

U = Constituent not detected above reporting limit given

CAS = Columbia Analytical Services

Gray shading indicates compound exceeds respective NYSDOH Indoor Air Guidance Value

NYSDOH = New York State Department of Health

NYSDOH Indoor Air Guidance Values in µg/m³ are:

Methylene Chloride - 60

PCE - 100

TCE - 5

Table 4 Indoor Air Sampling Analytical Results - March 2018, Former Dover Electronics Site, Kirkwood, New York

Sample Location	Hallway				Computer Servers			
Sampling Date	3/22/2018				3/22/2018			
Laboratory ID	P1801540-005				P1801540-006			
Units	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q
Volatile Organic Compounds								
Dichlorodifluoromethane (CFC 12)	**0.64**		**3.2**		**0.68**		**3.4**	
Chloromethane	0.36	U	0.74	U	0.33	U	0.69	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.11	U	0.74	U	0.098	U	0.69	U
Vinyl Chloride	0.29	U	0.74	U	0.27	U	0.69	U
1,3-Butadiene	0.33	U	0.74	U	0.31	U	0.69	U
Bromomethane	0.19	U	0.74	U	0.18	U	0.69	U
Chloroethane	0.28	U	0.74	U	0.26	U	0.69	U
Ethanol	**100**		**190**		**41**		**77**	
Acetonitrile	0.44	U	0.74	U	0.41	U	0.69	U
Acrolein	1.3	U	3.0	U	1.2	U	2.7	U
Acetone	**14**		**34**		**8.6**		**21**	
Trichlorofluoromethane	**0.41**		**2.3**		**0.37**		**2.1**	
2-Propanol (Isopropyl Alcohol)	**48**		**120**		**25**		**60**	
Acrylonitrile	0.34	U	0.74	U	0.32	U	0.69	U
1,1-Dichloroethene	0.19	U	0.74	U	0.17	U	0.69	U
Methylene Chloride	0.21	U	0.74	U	**0.60**		**2.1**	
3-Chloro-1-propene (Allyl Chloride)	0.24	U	0.74	U	0.22	U	0.69	U
Trichlorotrifluoroethane	0.097	U	0.74	U	0.089	U	0.69	U
Carbon Disulfide	2.4	U	7.4	U	2.2	U	6.9	U
trans-1,2-Dichloroethene	0.19	U	0.74	U	0.17	U	0.69	U
1,1-Dichloroethane	0.18	U	0.74	U	0.17	U	0.69	U
Methyl tert-Butyl Ether	0.21	U	0.74	U	0.19	U	0.69	U
Vinyl Acetate	2.1	U	7.4	U	**2.1**		**7.2**	
2-Butanone (MEK)	2.5	U	7.4	U	2.3	U	6.9	U
cis-1,2-Dichloroethene	0.19	U	0.74	U	0.17	U	0.69	U
n-Hexane	0.21	U	0.74	U	**0.78**		**2.7**	
Chloroform	0.15	U	0.74	U	0.14	U	0.69	U
1,2-Dichloroethane	0.18	U	0.74	U	0.17	U	0.69	U
1,1,1-Trichloroethane	0.14	U	0.74	U	0.13	U	0.69	U
Benzene	0.23	U	0.74	U	**1.2**		**4.0**	
Carbon Tetrachloride	**0.064**		**0.40**		**0.068**		**0.43**	
1,2-Dichloropropane	0.16	U	0.74	U	0.15	U	0.69	U
Bromodichloromethane	0.11	U	0.74	U	0.10	U	0.69	U
Trichloroethene (TCE)	0.028	U	0.15	U	0.026	U	0.14	U
1,4-Dioxane	0.21	U	0.74	U	0.19	U	0.69	U
cis-1,3-Dichloropropene	0.16	U	0.74	U	0.15	U	0.69	U
4-Methyl-2-pentanone	0.18	U	0.74	U	0.17	U	0.69	U
trans-1,3-Dichloropropene	0.16	U	0.74	U	0.15	U	0.69	U
1,1,2-Trichloroethane	0.14	U	0.74	U	0.13	U	0.69	U
Toluene	**0.59**		**2.2**		**7.9**		**30**	
2-Hexanone	0.18	U	0.74	U	0.17	U	0.69	U
Dibromochloromethane	0.087	U	0.74	U	0.080	U	0.69	U
1,2-Dibromoethane	0.096	U	0.74	U	0.089	U	0.69	U
n-Butyl Acetate	0.16	U	0.74	U	**0.33**		**1.5**	
Tetrachloroethene (PCE)	0.11	U	0.74	U	**0.33**		**2.2**	
Chlorobenzene	0.16	U	0.74	U	0.15	U	0.69	U
Ethylbenzene	0.17	U	0.74	U	0.16	U	0.69	U
m,p-Xylenes	0.34	U	1.5	U	0.32	U	1.4	U
Bromoform	0.072	U	0.74	U	0.066	U	0.69	U
Styrene	0.17	U	0.74	U	0.16	U	0.69	U
o-Xylene	0.17	U	0.74	U	0.16	U	0.69	U
n-Nonane	0.14	U	0.74	U	0.13	U	0.69	U
1,1,2,2-Tetrachloroethane	0.11	U	0.74	U	0.10	U	0.69	U
Cumene	0.15	U	0.74	U	0.14	U	0.69	U
alpha-Pinene	0.13	U	0.74	U	**0.17**		**0.95**	
4-Ethyltoluene	0.15	U	0.74	U	0.14	U	0.69	U
1,3,5-Trimethylbenzene	0.15	U	0.74	U	0.14	U	0.69	U
1,2,4-Trimethylbenzene	0.15	U	0.74	U	0.14	U	0.69	U
Benzyl Chloride	0.29	U	1.5	U	0.26	U	1.4	U
1,3-Dichlorobenzene	0.12	U	0.74	U	0.11	U	0.69	U
1,4-Dichlorobenzene	0.12	U	0.74	U	0.11	U	0.69	U
1,2-Dichlorobenzene	0.12	U	0.74	U	0.11	U	0.69	U
d-Limonene	**1.0**		**5.6**		**0.41**		**2.3**	
1,2-Dibromo-3-chloropropane	0.077	U	0.74	U	0.071	U	0.69	U
1,2,4-Trichlorobenzene	0.10	U	0.74	U	0.092	U	0.69	U
Naphthalene	**6.3**		**33**		0.13	U	0.69	U
Hexachlorobutadiene	0.069	U	0.74	U	0.064	U	0.69	U

Notes:

Bold = compound detected in sample

Red = compounds of concern

µg/m³ = micrograms per cubic meter

ppbv = parts per billion by volume

Q = Qualifier

U = Constituent not detected above reporting limit given

CAS = Columbia Analytical Services

Gray shading indicates compound exceeds respective NYSDOH Indoor Air Guidance Value

NYSDOH = New York State Department of Health

NYSDOH Indoor Air Guidance Values in µg/m³ are:

Methylene Chloride - 60

PCE - 100

TCE - 5

Attachment 1

FIGURE 3

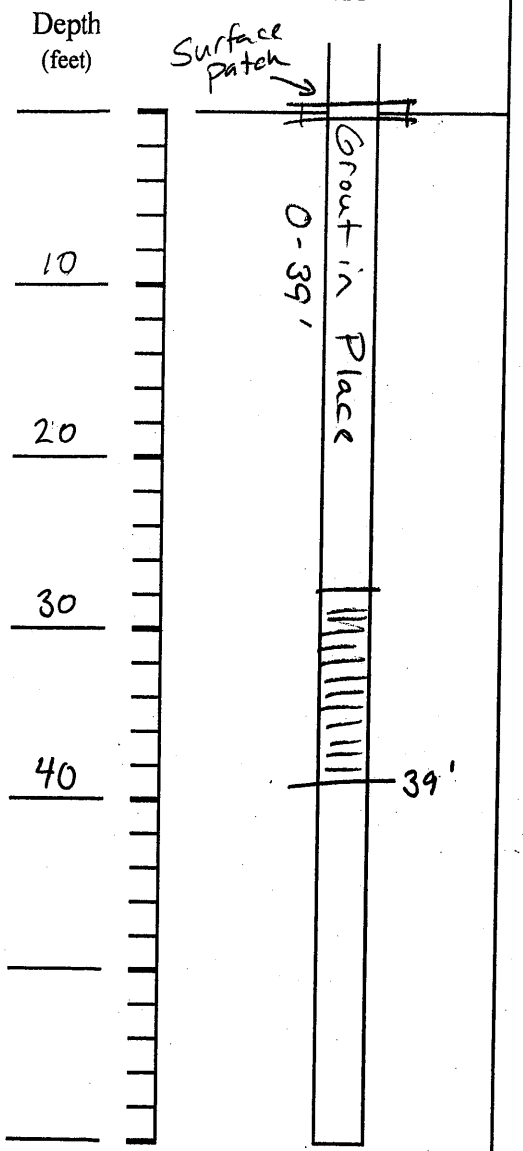
WELL DECOMMISSIONING RECORD

Site Name: Louis Travel Stop	Well I.D.: MW-25
Site Location: 2 Industrial Park Drive, Binghamton, NY	Driller: Mark Eaves
Drilling Co.: Parratt-Wolff, Inc.	Inspector:
	Date:

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	—
Drilling Method(s)	—
Borehole Dia. (in.)	—
Temporary Casing Installed? (y/n)	—
Depth temporary casing installed	—
Casing type/dia. (in.)	—
Method of installing	—
CASING PULLING	
Method employed	—
Casing retrieved (feet)	—
Casing type/dia. (in)	—
CASING PERFORATING	
Equipment used	—
Number of perforations/foot	—
Size of perforations	—
Interval perforated	—
GROUTING	
Interval grouted (FBLS)	0-39
# of batches prepared	1/4
For each batch record:	
Quantity of water used (gal.)	6
Quantity of cement used (lbs.)	64
Cement type	Portland
Quantity of bentonite used (lbs.)	3.5
Quantity of calcium chloride used (lbs.)	—
Volume of grout prepared (gal.)	7
Volume of grout used (gal.)	7

WELL SCHEMATIC*



COMMENTS: Attempt to overdrill, hit casing at 2'. Grout in place and re-install.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

parratt wolff inc

TEST BORING LOG

5879 FISHER ROAD
EAST SYRACUSE, N.Y. 13057

PROJECT 2 Industrial Park
LOCATION Kirkwood, NY

HOLE NO. MW-25R
SURF. EL.
JOB NO. 15085

DATE STARTED 2/20/18 DATE COMPLETED 2/22/18

GROUND WATER DEPTH WHILE DRILLING 2.0'
BEFORE CASING REMOVED Add
AFTER CASING REMOVED Install well

N — NO. OF BLOWS TO DRIVE SAMPLER 12" W/140# HAMMER FALLING 30" — ASTM D-1586, STANDARD PENETRATION TEST

C — NO. OF BLOWS TO DRIVE CASING 12" W/ # HAMMER FALLING "/OR — % CORE RECOVERY

CASING TYPE 4¼ HSA

SHEET 1 OF 1

DEPTH	SAMPLE DEPTH	SAMPLE NUMBER	C	SAMPLE DRIVE RECORD PER 6"	N	DESCRIPTION OF MATERIAL	STRATA CHANGE DEPTH
						Asphalt	0.3
10						Hard dry to 8.0'	8.0'
20						Drill to 40.0' w/o sampling	
30							
40							40.0'
						BOH	
						Install 2" PVC well at 39.0' Slot screen 39.0 to 34.0' Riser to surface 250 lbs #0 sand 50 lbs Hole Plug 600 lbs Portland H.D. FMC	