VIA ELECTRONIC MAIL

August 16, 2016

David Lates
Environmental Engineer 1
New York State Department of Environmental Conservation
RCRA Permitting
Division of Environmental Remediation
Albany, New York 12233-7013

Re: 2016 Semiannual Progress Report – January 2016 through June 2016
Former Dover Electronics Site, Kirkwood, Broome County, New York
NYSDEC Site No. 7-04-026

Dear Mr. Lates,

On behalf of Dover Corporation, Verina Engineering, P.C. (VERINA) has prepared this 2016 Semiannual Progress Report to summarize the remedial activities which have been performed from January through June 2016 at the above-referenced site (Figure 1).

The field activities completed during the reporting period included:

- Six rounds of monthly manual In-Situ Chemical Oxidation (ISCO) injection at select wells;
- Collection of two rounds of quarterly groundwater field parameter measurements from selected monitoring wells/points in February and May 2016;
- Site-wide groundwater gauging and well inspections in March 2016;
- Collection of annual indoor air samples in March 2016;
- Collection of groundwater samples for laboratory analysis from select monitoring wells/points in March 2016;
- Monthly inspection of seven areas associated with the environmental Deed Restrictions and their engineering controls;
- Maintenance of cap areas 3, 4, and 5 in April and May 2016;
- Monthly operation, monitoring and maintenance (OM&M) of the active sub-slab depressurization (ASD) system.

ISCO Injection System Operation – Manual Injection

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.

Monthly manual injection occurred at wells IJ-1, IJ-2, IJ-3, IJ-4, IJ-7, IJ-10, MW-7A, MW-16, MW-24, MP-4, MP-5, MP-11, MP-12, and MP-14 located at the source area as well as IJ-6, MW-25, and MW-28 located in the Pilot Truck Stop area. During the reporting period, a total of 5,030 gallons of 10% sodium permanganate solution were injected into the groundwater. Typically approximate 900 to 1,000 gallons of permanganate solution was injected at the selected wells on a monthly basis. However, during the February 2016 injection event, only 230 gallons of the ISCO solution was injected into the wells MW-25, MP-4, and IJ-4 due to thick snow and ice cover as well as freezing temperatures encountered at the site during this event. A summary of each monthly injection event occurring between January and June 2016 is presented in Table 1.

Groundwater Monitoring Program

Site-wide groundwater elevation measurements were conducted on March 14, 2016 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 flow maps indicate groundwater in both the shallow and intermediate aquifers generally flows from northeast to southwest, which is consistent with previous observations. The groundwater elevation measurements are presented in Table 2. The groundwater flow maps for the March 2016 gauging event for the shallow aquifers and the intermediate aquifers are shown on Figure 2 and Figure 3, respectfully.

Between March 15 and 16, 2016, groundwater samples were collected from a total of 13 wells and monitoring points in both the source area and Pilot Truck Stop and were submitted for laboratory analysis as part of the ISCO performance monitoring program. The wells and monitoring points sampled in this event are listed below:

- Source Area: MP-4, MP-5, MP-6S, MW-2, MW-7A, MP-11, MP-12, MP-14, MW-16, and injection points IJ-4 and IJ-10.

- The Pilot Truck Stop area: MW-25 and MW-28.

Groundwater samples were collected using the low flow 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 conductivity. A Lamotte Turbidity Meter 2020we was used to monitor the turbidity. The groundwater samples were analyzed for site-specific parameter list (SSPL) VOCs, which include 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 2016 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 4.

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 exhibited generally decreasing trends in comparison to the baseline sampling analytical results, with the exception of MP-14. Specifically
  - Monitoring point MP-14 exhibited an increase in SSPL VOC concentrations as compared to the baseline sampling analytical results but all detected VOCs are less than 100 µg/L.
  - Although monitoring well MW-7A, MP-4 and MP-5 reported an increase in SSPL VOC concentrations as compared with the 2015 sampling analytical results, all VOC concentrations have decreasing trends in comparison with the baseline sampling analytical results.
- The lack of permanganate solution injection in February 2016 may have impacted the degradation of VOCs in MW-7A, MP-4, MP-5, and MP-14, which were sampled before the March injection event.
- 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. The highest concentration of PCE in the source area was found in the groundwater sample collected at MP-4, and at MW-25 in the Pilot Truck Stop area.

During the February and May 2016 groundwater monitoring events, field parameter measurements were collected at 14 select monitoring and injection wells/points on site, including MW-7A, MW-16, MP-4, MP-5, MP-6S, MP-11, MP-12, MP-13, MP-14, IJ-1, IJ-4, IJ-5, IJ-6 and IJ-10. The field parameter measurements consisted of ORP, specific conductivity, and pH readings collected every two feet below static water level using a down-hole water quality instrument (in the two inch diameter wells). For the one inch diameter wells, one standing well volume of water was purged from near the middle of the screened interval for that given monitoring well or point. Once the one well volume was removed from the well or point, the field parameters were then collected from the final effluent using the water quality instrument. Additionally, the color of the water within each well or point was noted, as the presence of a purple or pink coloring to the water would indicate the presence of the permanganate ISCO solution in that well or point. If the water was purple or pink in color, the permanganate ion concentration was also measured using a field colorimeter

Field parameters measurements collected during the February and May 2016 groundwater monitoring events were compared with the previous vertical profiling data collected during 2015. A review of the field parameter measurements resulted in the following observations:

- An increase in ORP and/or specific conductivity, and/or a change in water color from clear to pink or purple were noted in several wells and points as compared to their 2015

data, which indicates the oxidant solution presence at that well or point. These changes were noted in MP-4, MP-5, MP-11, MP-12, MP-14, IJ-6 and IJ-10. Among these wells, monthly manual injections have been performed at MP-4, MP-5, MP-11, MP-12, and IJ-6 in 2016 with the exception of February due to snow and ice cover.

- For MW-7A, MW-16, MP-6S, MP-13, MP-14, IJ-1, IJ-4, and IJ-5 the measured field parameters and observed water color were generally consistent with previous data. Manual injections were performed at MW-7A, MW-16, MP-14, IJ-1 and IJ-4 monthly in 2016 with the exception of February due to snow and ice cover.

- Measured permanganate ion concentrations collected in February and May 2016 ranged from 36.2 mg/L at MW-16 in February 2016 to 381.3 mg/L at MP-5 in May 2016.

ISCO performance monitoring will be continued to assess the distribution of permanganate oxidant solution and to evaluate the effectiveness of the ISCO remediation.

Deed Restriction Area Inspections

Monthly inspections of the soil, asphalt, and concrete were performed over the seven deed restriction areas on, which 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 except at Area 3 (transformer pad location), Area 4 (drainage ditch along CR 181), and Area 5 (drainage ditch along CR 181), where bare patches in the vegetative cover at these areas were found. VERINA staff placed grass seed and topsoil at these areas in an attempt to reestablish the vegetative cover during April and May 2016. Additionally, 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. The location of each deed restriction area is presented on Figure 5.

ASD System Inspection

Monthly inspections of the ASD system were conducted by VERINA between January and June 2016. The ASD system was also checked daily by MMC personnel to verify that it was operating. The monthly checks 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 five locations within the site building on March 16, 2016 and two locations on March 23, 2016 (Figure 6). The sampling locations include areas where employees commonly work and areas where SSPL VOCs were detected in sub-slab vapor samples, consistent with the previous indoor air sampling locations. Additionally, one ambient air sample was collected from the exterior of the building.

The 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 indoor air analytical results are presented in Table 4. 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 2016

VERINA is planning to perform the following work during the second half of 2016:

- A site-wide groundwater gauging event to determine site groundwater elevation and flow direction in September 2016;
- Continuation of the quarterly groundwater monitoring program in August and November 2016 to evaluate ISCO performance;
- Continuation of monthly ASD system inspection to ensure proper operation of the system;
- Refilling of the ISCO AST in September 2016 and continuation of monthly manual permanganate injections in both the source area and Pilot Truck Stop; and
- Continuation of the 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 2017.

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 Isocontours, March 2016
Figure 3 – Intermediate Groundwater Isocontours, March 2016
Figure 4 – Groundwater Analytical Results
Figure 5 – Deed Restriction Areas
Figure 6 – ASD System and Indoor Air Sampling Locations
Table 1 – Manual ISCO Injection Summary, January – June 2016
Table 2 – Groundwater Elevation Data, March 2016
Table 3 – Summary of SSPL VOC Groundwater Analytical Results
Table 4 – Indoor Air Sampling Analytical Results, March 2016

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

CERTIFICATION

"For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

(a) the institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by DER;
(b) nothing has occurred that would impair the ability of such control to protect public health and the environment;
(c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
(d) access to the site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control"

I D. Robert Gan (print name) at Verina Engineering, P.C., 1011 US Hwy. 22, Suite 302, Bridgewater, NJ 08807, (print business address),

am certifying as Designated Representative of Dover Corporation (Owner or Remedial Party)

for the Former Dover Electronics Site (No. 7-04-026), Kirkwood, Broome County, New York

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

August 16, 2016
Date

N

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

MP-2 (to approx. 45ft)
MP-1 (to approx. 45ft)
(to approx. 75ft) MP-3D
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-8D (to approx. 55ft)
MP-10D (to approx. 55ft)
MP-10S

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

CABLE GUIDE RAIL
GRAVEL ROAD
PAVED SHOULDER
4" REAR GMDC RMC
PAVED SHOULDER

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-2 — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE 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

0 110 FT.
APPROXIMATE SCALE

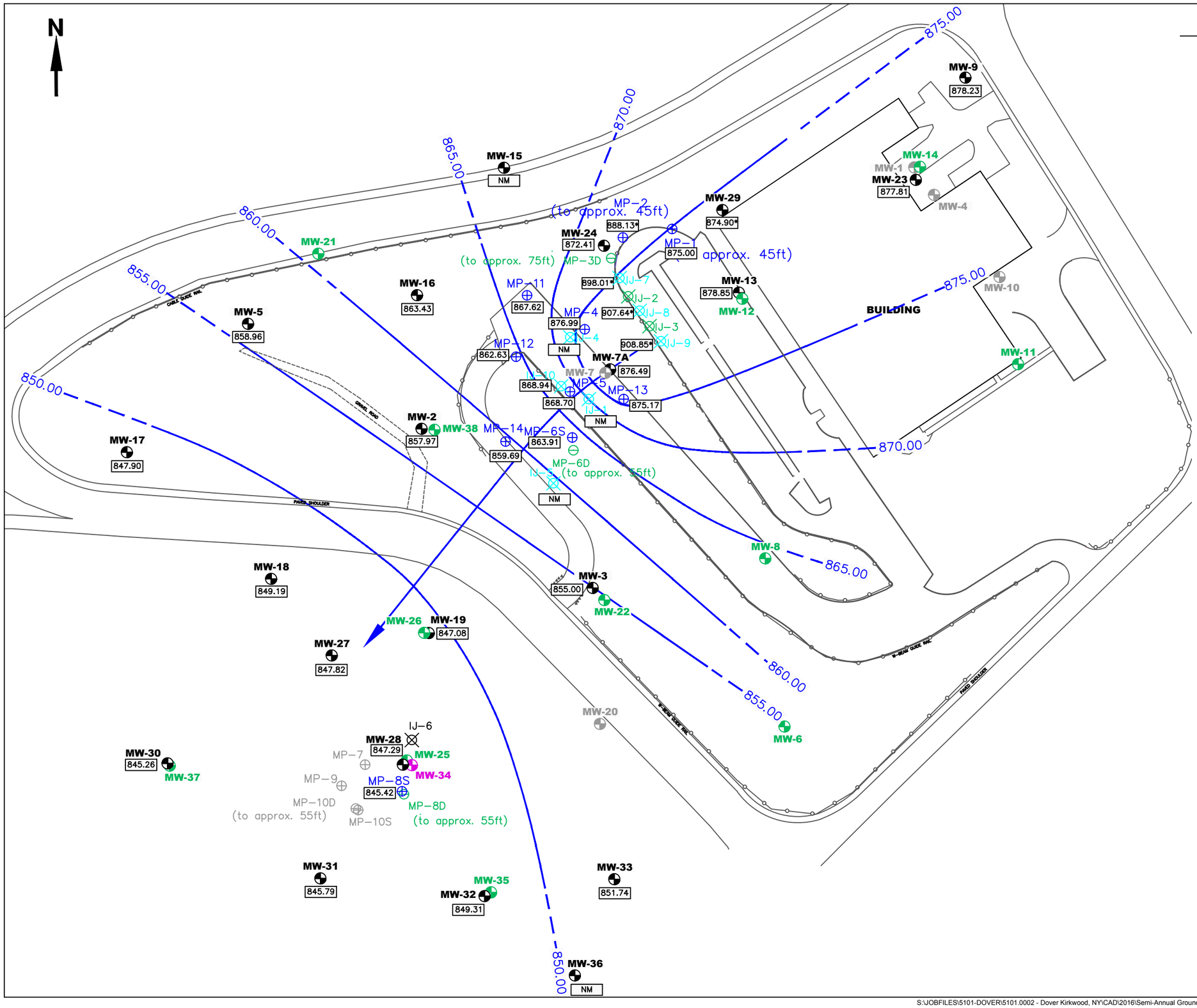
FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

SITE MAP WITH MONITORING WELL LOCATIONS

VERINA Engineering, P.C.

1

S:\JOBFILES\5101-DOVER\5101.0002 - Dover Kirkwood, NY\CAD\2016\Semi-Annual Groundwater Report 2016\5101.0002-Figure-002-SM-00-Annual-GW-Report-2015.dwg LAYOUT: SM SAVED: 8/4/2016 7:37 AM BY: CLAUDIO STABILE



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-2** — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE 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 = 0.03 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

0 110 FT.
APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

SHALLOW GROUNDWATER ELEVATION ISOCONTOURS MARCH 2016

VERINA Engineering, P.C.

2

N

MW-15
MW-21
NM
MW-5
MW-16
MW-17
MW-2
MW-38
860.26
MW-18
MW-26
846.49
MW-19
MW-27
MW-30
MW-37
845.08
MW-31
MW-32
MW-35
845.35
MW-36
MW-24
MW-3D
874.29
MW-11
MW-4
MW-12
MW-7A
MW-7
MW-5
MW-13
MW-14
MW-6S
MW-6D
867.11
MW-3
MW-22
857.11
MW-20
MW-28
MW-25
845.49
MW-34
MW-7
MW-9
MW-8S
MW-10S
MW-8D
845.24
MW-33
MW-29
MW-1
876.34
MW-23
MW-4
MW-9
BUILDING
MW-10
MW-13
MW-12
874.26
MW-11
878.96
MW-8
872.42
MW-6
861.31
MP-2
(to approx. 45ft)
MP-1
(to approx. 45ft)
(to approx. 75ft)
MP-11
MP-4
MP-12
MP-13
MP-14
(to approx. 55ft)
IJ-7
IJ-2
IJ-8
IJ-3
IJ-4
908.61*
IJ-9
IJ-10
IJ-1
IJ-5
IJ-6
MP-7
MP-9
MP-10D
(to approx. 55ft)
875.00
870.00
865.00
860.00
855.00
850.00
845.00
CHILE GUIDE RAIL
GRAVEL ROAD
PAVED SHOULDER

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-2 — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE 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)
- GROUNDWATER ELEVATION ISOCONTOUR INTERVAL IN FT., MSL (DASHED WHERE INFERRED)

CONTOUR INTERVAL = 5.0 FT., MSL
AVERAGE HYDRAULIC GRADIENT = 0.03 FT/FT

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

SOURCE:
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OCTOBER 7, 1996

0 110 FT.
APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

INTERMEDIATE GROUNDWATER ELEVATION ISOCONTOURS MARCH 2016

VERINA Engineering, P.C.

3

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
VOC (µg/L):	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
cis-1,2-DCE	**5.4**	**15**	**24**	**30**	**29**	**38**	**50**	**52**	**43 D**	**34**	ND	2.3 J	ND	ND
trans-1,2-DCE	ND	ND	ND	ND	0.23 J	ND	0.35 J	0.36 J	0.60 DJ	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
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
VC	**9.2**	**19**	**22**	**32**	**31**	**32**	**44**	**23**	**26 D**	**17**	ND	ND	ND	ND

MP-24

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

MP-3D

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

MP-2

Sample Date:	3/18/10	12/21/12
VOC (µg/L):	RESULT	RESULT
cis-1,2-DCE	ND	ND
trans-1,2-DCE	ND	ND
PCE	**10**	2.5 J
TCE	ND	ND
VC	ND	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

MP-6

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
VOC (µg/L):	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
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND
PCE	**9500**	**11000**	**6800**	**6600**	**8200**	**11000 D**	**7700**	**8600 (9000)**	**13000 D**	**11000**	**12000**	**10000**	**970 (1200)**	**3000 D**
TCE	ND	**32 J**	ND	ND	ND	ND	ND	**ND (12 J)**	**26 DJ**	ND	ND	ND	ND (ND)	ND
VC	ND	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND

IJ-4

Sample Date:	12/21/11	2/15/12	4/18/13	6/21/12	9/19/12	12/20/12	3/14/13	9/4/13	3/18/14	9/17/14	3/17/15	9/22/15	3/15/16
VOC (µg/L):	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	ND	ND	ND	ND	ND
trans-1,2-DCE	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
TCE	**100 J**	**120 J**	ND	4.0 J	ND	ND	ND	ND	0.39 J	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
VC	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
VOC (µg/L):	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
trans-1,2-DCE	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**260**	**280**	**250**	**200 (190 D)**	**210**	**200**	**180**	**200 D**	**160**	**150**	**140**	**100**	**43**	**46**
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
VC	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-13

Sample Date:	9/22/15
VOC (µg/L):	RESULT
cis-1,2-DCE	ND
trans-1,2-DCE	ND
PCE	**17**
TCE	0.59 J
VC	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	
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	6/21/12	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
VOC (µg/L):	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
trans-1,2-DCE	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**
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
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-11

Sample Date:	3/16/10	9/18/14	3/21/16
VOC (µg/L):	RESULT	RESULT	RESULT
cis-1,2-DCE	ND	ND	ND
trans-1,2-DCE	ND	ND	ND
PCE	ND	ND	3.4 J
TCE	ND	ND	ND
VC	ND	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
VOC (µg/L):	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)
cis-1,2-DCE	**380**	**300**	**260**	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)
PCE	**200**	**310**	**230**	ND	ND	ND	ND	ND	2.0 J	0.92 J	1.5 J	ND	ND	ND (ND)
TCE	**150**	**110**	**88**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND (ND)
VC	1.1 J	2.0 J	**3.9 J**	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	0.39 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
VOC (µg/L):	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
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND
PCE	**1700**	**2300 D**	**2700**	ND	**2700**	**1600**	**1100 (1200)**	**1900 D**	**550 (560 D)**	**240**	**700 D**	**35 (37)**	4.1 J	**780 D**
TCE	ND	ND	3.7 J	**5.8 J**	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	0.22 J
VC	ND	ND	ND	ND	ND	ND	ND (ND)	ND	ND	ND	ND	ND (ND)	ND	ND

MP-5

Sample Date:	3/19/10	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
VOC (µg/L):	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
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
trans-1,2-DCE	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**	**260 D**
TCE	**29**	**42**	**29 DJ**	**32**	**42**	**29 (31)**	**25**	**28**	**36**	**33 J (33)**	**32**	ND	ND	0.56 J
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

MW-17

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

MW-2

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

MW-38

Sample Date:	9/21/15
VOC (µg/L):	RESULT
cis-1,2-DCE	1.3 J
trans-1,2-DCE	ND
PCE	**89**
TCE	**5.2**
VC	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-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
VOC (µg/L):	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
trans-1,2-DCE	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**
TCE	1.6 J	2.0 J	1.7 J (1.5 J)	1.2 J	1.6 J	1.5 J	1.5 J	1.9 J	1.9 J	1.7 J	1.9 J	1.7 J	0.71 J	1.9
VC	ND	ND	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
VOC (µg/L):	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT
cis-1,2-DCE	ND	0.32 J	ND	0.50 J	ND	ND	ND	ND	0.51 J
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**7.5**	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
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-37

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

MW-27

Sample Date:	9/20/15
VOC (µg/L):	RESULT
cis-1,2-DCE	**15**
trans-1,2-DCE	ND
PCE	**20**
TCE	7.7
VC	ND

MW-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-31

Sample Date:	3/16/10	12/28/12	9/24/13	11/18/14	12/18/15
VOC (µg/L):	RESULT	RESULT	RESULT	RESULT	RESULT
cis-1,2-DCE	0.79 J	0.85 J	0.42 J	0.39 J (0.37 J)	0.49 J
trans-1,2-DCE	ND	ND	ND	ND	ND
PCE	ND	ND	ND	ND	ND
TCE	ND	0.47 J	0.33 J	0.36 J (0.39 J)	0.80 J
VC	ND	ND	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
VOC (µg/L):	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
cis-1,2-DCE	**66**	4.3 J	**53**	**54**	**52**	**40**	**47**	**50**	**55**	**26**	**12**	2.2 J	2.4
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
PCE	**270**	**340**	**52**	**47**	**180**	**190**	**170**	**110**	**43**	**36**	**41**	**3.8 J**	**11**
TCE	**110**	**5.5 J**	**49**	**48**	**77**	**64**	**60**	**53**	**50**	**27**	**12**	**3.1 J**	2.1
VC	ND	ND	0.55 J	0.58 J	0.32 J	ND	0.41 J	0.42 J	ND	ND	ND	ND	ND

MW-33

Sample Date:	3/15/10	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-26

Sample Date:	3/12/10	12/28/12	9/19/14	9/20/15
VOC (µg/L):	RESULT	RESULT	RESULT	RESULT
cis-1,2-DCE	**5.3**	**5.9 (6.1)**	**4.0 J**	**6.7**
trans-1,2-DCE	ND	ND (ND)	ND	ND
PCE	**65**	**49 (50)**	**38**	**50**
TCE	4.5 J	4.8 J (4.8 J)	3.5 J	4.3 J
VC	ND	ND (ND)	ND	ND

MW-19

Sample Date:	9/20/15
VOC (µg/L):	RESULT
cis-1,2-DCE	**15**
trans-1,2-DCE	0.41 J
PCE	**23**
TCE	**7.1**
VC	0.56 J

MW-3

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

MW-9

Sample Date:	3/19/10	12/21/12	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)

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-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
VOC (µg/L):	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
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	ND	0.26 J	**15**	ND	ND	ND	ND	1.3 J	0.37 J	1.4 J	0.54 J	
TCE	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

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	9/15/14
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
trans-1,2-DCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	0.90 J	0.44 J	ND	0.22 J	ND	ND	ND	0.32 J	ND	
TCE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-32

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

MP-8D

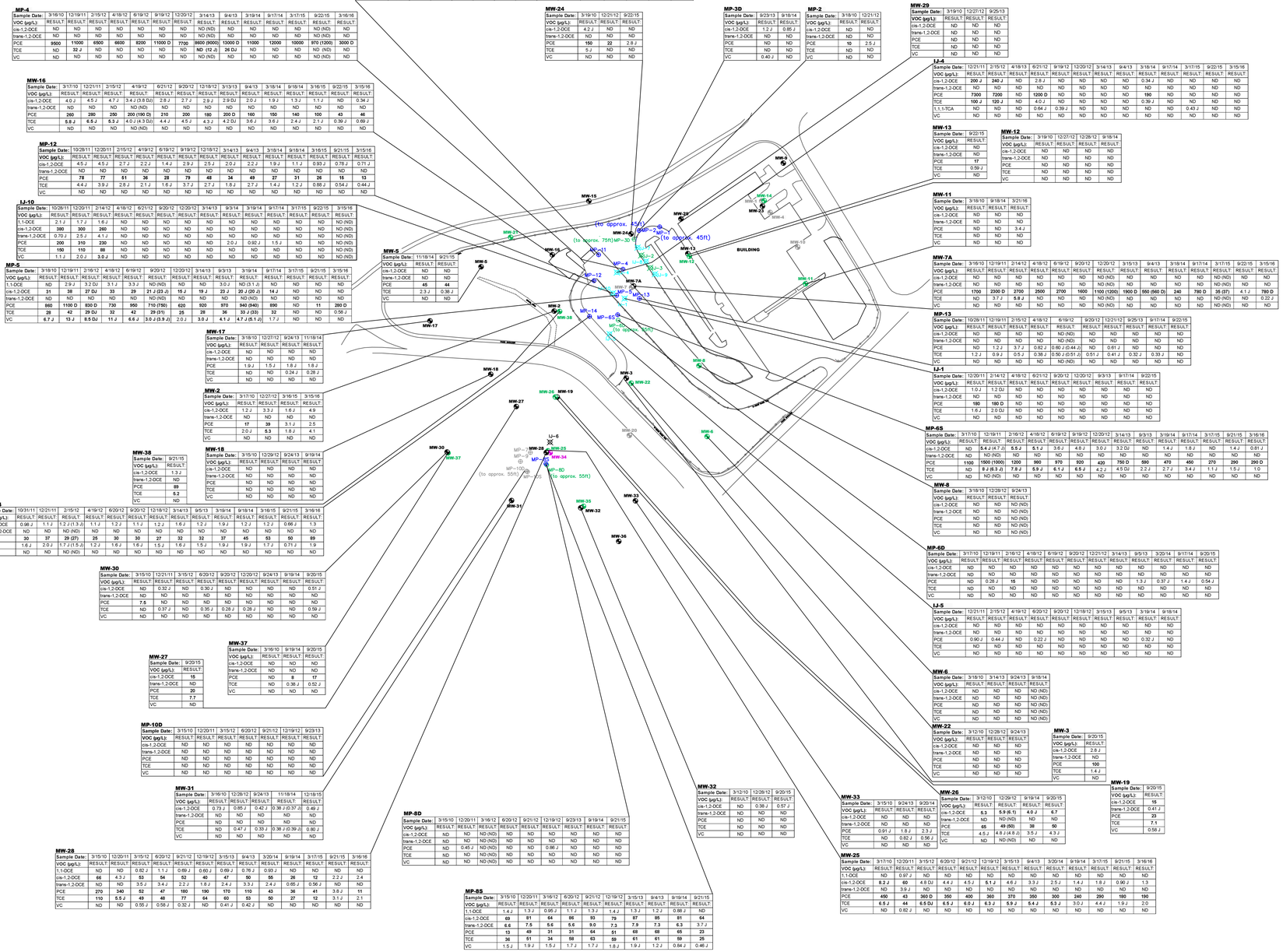
Sample Date:	3/15/10	12/20/11	3/16/12	6/20/12	9/21/12	12/19/12	3/15/13	9/4/13	3/20/14	9/19/14	9/21/15
VOC (µg/L):	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT
cis-1,2-DCE	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-DCE	ND	ND	ND (ND)	ND	ND	ND	ND	ND	ND	ND	ND
PCE	ND	0.45 J	ND (ND)	ND	ND	ND	0.86 J	ND	ND	ND	ND
TCE	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

MW-25

Sample Date:	3/17/10	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
VOC (µg/L):	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT	RESULT
1,1-DCE	ND	0.97 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-DCE	**8.2 J**	**60**	4.8 DJ	4.4 J	4.5 J	**5.1 J**	4.6 J	3.3 J	2.5 J	1.4 J	1.8 J	0.90 J	1.3
trans-1,2-DCE	ND	3.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCE	**450**	**43**	**360 D**	**350**	**400**	**360**	**370**	**350**	**300**	**240**	**290**	**160**	**190**
TCE	**6.5 J**	**44**	**6.5 DJ**	**6.0 J**	**6.3 J**	**5.9 J**	**5.4 J**	**5.3 J**	3.0 J	4.4 J	1.9 J	2.0	
VC	ND	0.82 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MP-8S

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
VOC (µg/L):	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
cis-1,2-DCE	**69**	**91**	**64**	**86**	**93**	**79**	**87**	**85**	**81**	**64**
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
PCE	**13**	**49**	**31**	**31**	**64**	**51**	**68**	**68**	**65**	**23**
TCE	**36**	**51**	**34**	**50**	**63**	**59**	**61**	**61**	**59**	**25**
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



EXPLANATION

- MW-2 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING WELL
- MW-1 — DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING WELL
- MP-1Φ — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW MONITORING POINT
- MP-10SΦ — DESIGNATION AND APPROXIMATE LOCATION OF ABANDONED MONITORING POINT
- MP-6DΘ — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE MONITORING POINT
- IJ-1 — DESIGNATION AND APPROXIMATE LOCATION OF SHALLOW INJECTION WELL
- IJ-2 — DESIGNATION AND APPROXIMATE LOCATION OF INTERMEDIATE 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" INDICATES 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

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.

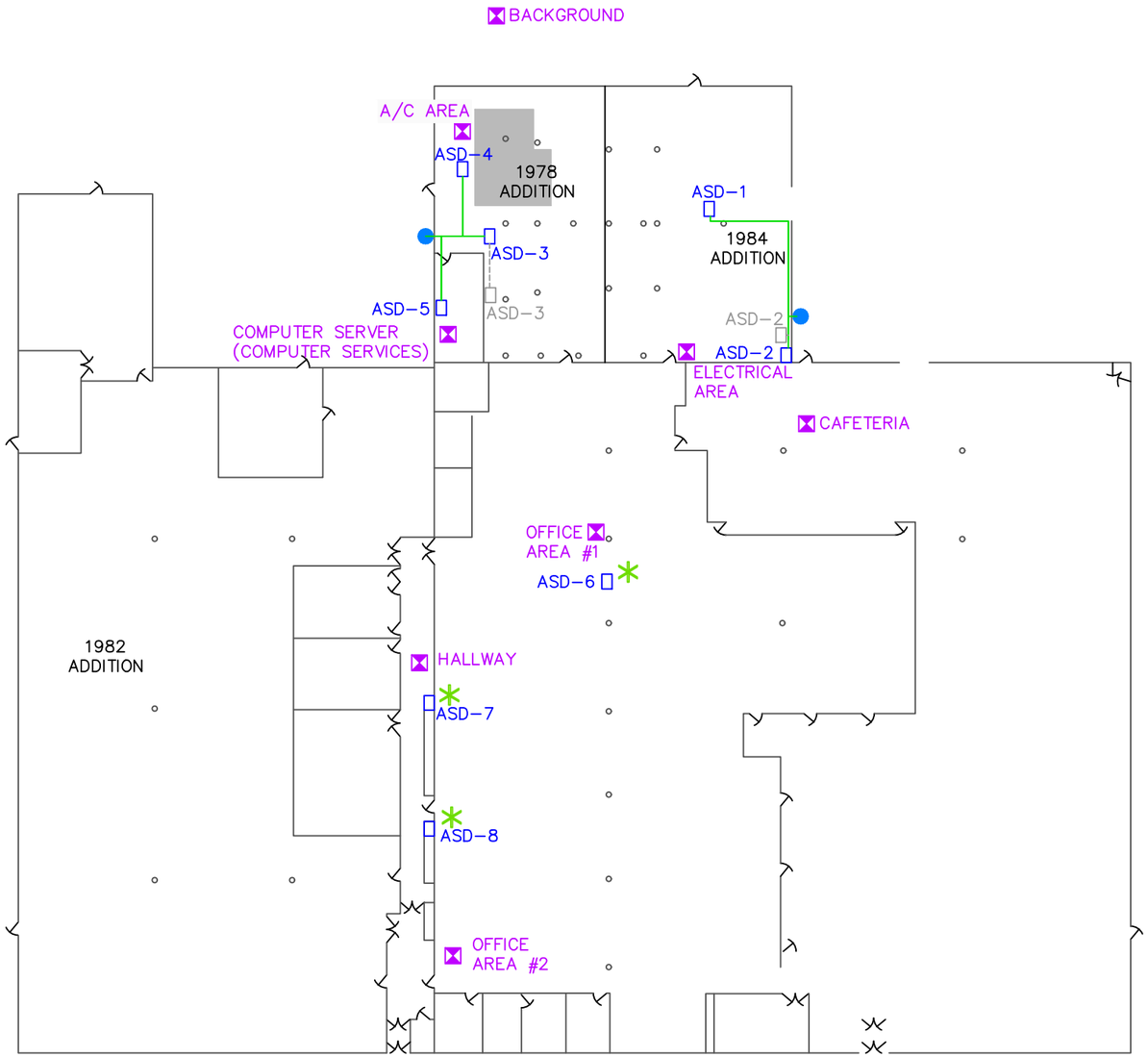
APPROXIMATE SCALE

FORMER DOVER ELECTRONICS FACILITY
KIRKWOOD, NEW YORK

DEED RESTRICTION AREAS

VERINA Engineering, P.C.

5



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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.

6

S:\JOBFILES\5101-DOVER\5101.0002 - Dover Kirkwood, NY\CAD\2016\Semi-Annual Groundwater Report 2016\5101.0002-ASD-00.dwg LAYOUT: ASD-00 SAVED: 8/4/2016 7:57 AM BY: CLAUDIO STABILE

Table 1 - Manual ISCO Injection Summary, January - June 2016 - Former Dover Electronics Site, Kirkwood, New York

Injection Well ID	Injection Date(s)					
	January 12-15, 2016	February 8-9, 2016	March 22-24, 2016	April 12-14, 2016	May 3-5, 2016	June 20-22, 2016
	Volume Injected (gal)	**Volume Injected (gal)**	**Volume Injected (gal)**	**Volume Injected (gal)**	**Volume Injected (gal)**	**Volume Injected (gal)**
MW-7A	15	0	15	15	15	15
MW-16	80	0	80	80	80	80
MW-24	40	0	40	40	40	40
MW-25	347	180	300	300	300	126
MW-28	50	0	50	50	50	115
MP-4	28	45	40	52	40	50
MP-5	50	0	50	50	50	50
MP-11	5	0	5	5	5	5
MP-12	80	0	80	84	80	80
MP-14	30	0	30	35	30	30
IJ-1	50	0	50	60	50	59
IJ-2	34	0	37	30	32	38
IJ-3	0	0	0	0	0	10
IJ-4	10	5	5	8	5	15
IJ-6	100	0	101	100	100	131
IJ-7	21	0	14	0	21	34
IJ-10	50	0	53	51	52	72
Total Injected Volume (gal)	**990**	**230**	**950**	**960**	**950**	**950**

NOTES:

gal = Gallons

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

Table 2 - Groundwater Elevation Data, March 2016 - 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	3/14/2016	5.31	857.97	16.37	5-15	Shallow
MW-3	859.16	3/14/2016	4.16	855.00	14.21	5-15	Shallow
MW-5	864.68	3/14/2016	5.72	858.96	9.94	5-20	Shallow
MW-6	863.67	3/14/2016	2.36	861.31	34.56	15-35	Intermediate
MW-7A	882.74	3/14/2016	6.25	876.49	16.11	7-17	Shallow
MW-8	899.21	3/14/2016	26.79	872.42	58.71	30-60	Intermediate
MW-9	923.94	3/14/2016	45.71	878.23	59.68	30-60	Shallow
MW-11	918.87	3/14/2016	39.91	878.96	61.45	52-62	Intermediate
MW-12	912.31	3/14/2016	38.05	874.26	72.62	63-73	Intermediate
MW-13	912.14	3/14/2016	33.29	878.85	48.52	39-49	Shallow
MW-14	915.40	3/14/2016	39.06	876.34	71.95	62-72	Intermediate
MW-15	899.38	3/14/2016	-	-	28.03	36-46	Shallow
MW-16	878.87	3/14/2016	15.44	863.43	29.96	18-28	Shallow
MW-17	859.29	3/14/2016	11.39	847.90	19.98	8-18	Shallow
MW-18	857.34	3/14/2016	8.15	849.19	14.77	8-18	Shallow
MW-19	859.59	3/14/2016	12.51	847.08	19.02	8-18	Shallow
MW-21	883.22	3/14/2016	-	-	-	31-41	Intermediate
MW-22	861.62	3/14/2016	4.51	857.11	21.37	17-22	Intermediate
MW-23	916.62	3/14/2016	38.81	877.81	49.96	40.5-50.5	Shallow
MW-24	907.66	3/14/2016	35.25	872.41	42.75	35-45	Shallow
MW-25*	857.01	3/14/2016	11.52	845.49	39.52	34-39	Intermediate
MW-26	859.04	3/14/2016	12.55	846.49	27.97	22.5-27.5	Intermediate
MW-27	860.01	3/14/2016	12.19	847.82	26.69	16.5-26.5	Shallow
MW-28	859.09	3/14/2016	11.80	847.29	25.78	15-25	Shallow
MW-29	917.36	3/14/2016	42.46	874.90	48.65	39-49	Shallow
MW-30*	857.69	3/14/2016	12.43	845.26	20.85	15-25	Shallow
MW-31	856.90	3/14/2016	11.11	845.79	21.12	13-23	Shallow
MW-32	861.18	3/14/2016	11.87	849.31	23.25	15.1-25.1	Shallow
MW-33	863.64	3/14/2016	11.90	851.74	22.44	15-25	Shallow
MW-34	857.03	3/14/2016	0.87	856.16	53.95	53-58	Deep
MW-35	856.89	3/14/2016	11.54	845.35	36.48	32-37	Intermediate
MW-36	857.19	3/14/2016	-	-	-	14-24	Shallow
MW-37	857.71	3/14/2016	12.63	845.08	35.98	31-36	Intermediate
MW-38*	862.70	3/14/2016	2.44	860.26	23.65	20-25	Intermediate
MP-1	912.63	3/14/2016	37.63	875.00	39.42	31-41	Shallow
MP-2	911.00	3/14/2016	22.87	888.13	35.94	34-44	Shallow
MP-3D	910.59	3/14/2016	36.30	874.29	73.75	46-56	Intermediate
MP-4	883.65	3/14/2016	6.66	876.99	25.50	17-27	Shallow
MP-5	881.66	3/14/2016	12.96	868.70	23.81	14-24	Shallow
MP-6S	875.67	3/14/2016	11.76	863.91	24.75	14-24	Shallow
MP-6D	873.83	3/14/2016	6.72	867.11	48.53	39-49	Intermediate
MP-8S	857.40	3/14/2016	11.98	845.42	16.56	13-23	Shallow
MP-8D	857.20	3/14/2016	11.96	845.24	53.37	44-54	Intermediate
MP-11	875.80	3/14/2016	8.18	867.62	29.09	20-30	Shallow
MP-12	876.60	3/14/2016	13.97	862.63	24.60	15-25	Shallow
MP-13	884.30	3/14/2016	9.13	875.17	24.52	15-25	Shallow
MP-14	867.80	3/14/2016	8.11	859.69	23.89	15-25	Shallow
IJ-1	-	3/14/2016	12.68	-	24.21	15-25	Shallow
IJ-2	908.90	3/14/2016	30.70	878.20	44.60	30-45	Intermediate
IJ-3	909.40	3/14/2016	0.79	908.61	44.50	30-45	Intermediate
IJ-4	-	3/14/2016	3.80	-	24.92	10-25	Shallow
IJ-5	-	3/14/2016	3.46	-	24.79	10-25	Shallow
IJ-6	-	3/14/2016	11.74	-	38.12	10-20, 30-40	Shallow-Intermediate
IJ-7	909.00	3/14/2016	10.99	898.01	41.85	10-25	Shallow
IJ-8	909.20	3/14/2016	1.56	907.64	42.40	10-25	Shallow
IJ-9	909.50	3/14/2016	0.65	908.85	44.48	10-25	Shallow
IJ-10	880.70	3/14/2016	11.76	868.94	24.03	10-25	Shallow

Notes:

NM: Not Measured

-: Not Applicable

* = Well resurveyed by Hulbert Enginerring in August 2015.

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 - Former Dover Electronics Site, Kirkwood, New York

Sample Location		MP-1	MP-2		MP-3D			MP-4															
Sampling Date		3/18/2010	3/18/2010	12/21/2012	3/18/2010	9/23/2013	9/18/2014 **	3/16/2010	12/19/2011	2/15/2012	4/18/2012	6/19/2012	9/19/2012	12/20/2012	3/14/2013	DUP-031413	9/4/2013	3/19/2014	9/17/2014	3/17/2015	9/22/2015	DUP-092215	3/16/2016
Laboratory ID	NYSDEC	R1001332-047	R1001332-048	R1208755-026	R1001332-051	R1207148-002	R1407413-014	R1001332-030	R1107129-004	R1201111-011	R1202511-007	R1203991-003	R1206380-003	R1208755-018	R1301745-008	R1301745-015	R1306560-008	R1402018-009	R1407413-005	R1501913-016	R1507987-025	R1507987-033	R1602496-015
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.45 U	0.36 U	0.36 U	23 U	23 U	12 U	12 U	12 U	36 U	18 U	18 U	18 U	36 U	36 U	36 U	36 U	3.6 U	3.6 U	1.8 U
1,1-Dichloroethane	5	0.64 U	0.64 U	0.20 U	0.64 U	0.20 U	0.20 U	32 U	20 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	2.0 U	2.0 U	1.0 U
1,1-Dichloroethene	5	0.59 U	0.59 U	0.57 U	0.59 U	0.57 U	0.57 U	30 U	29 U	15 U	15 U	15 U	57 U	29 U	29 U	29 U	57 U	57 U	57 U	57 U	5.7 U	5.7 U	2.9 U
Tetrachloroethene	5	0.43 U	10	2.50 J	0.43 U	0.30 U	0.30 U	9500	11000	6500	6600	8200	11000 D	7700	8600	9000	13000 D	11000	12000	10000	970	1200	3000 D
Trichloroethene	5	0.63 U	0.63 U	0.22 U	0.63 U	0.22 U	0.22 U	32 U	32 J	12 U	12 U	12 U	22 U	11 U	11 U	12 J	26 DJ	22 U	22 U	22 U	2.2 U	2.2 U	1.1 U
Vinyl Chloride	2	0.52 U	0.52 U	0.32 U	0.52 U	0.40 J	0.32 U	26 U	23 U	12 U	12 U	12 U	32 U	16 U	16 U	16 U	32 U	32 U	32 U	32 U	3.2 U	3.2 U	1.6 U
cis-1,2-Dichloroethene	5	0.48 U	0.48 U	0.30 U	0.48 U	1.2 J	0.85 J	24 U	20 U	10 U	10 U	10 U	30 U	15 U	15 U	15 U	30 U	30 U	30 U	30 U	3.0 U	3.0 U	1.5 U
trans-1,2-Dichloroethene	5	0.45 U	0.45 U	0.33 U	0.45 U	0.33 U	0.33 U	23 U	20 U	10 U	10 U	10 U	33 U	17 U	17 U	17 U	33 U	33 U	33 U	33 U	3.4 U	3.4 U	1.7 U

Sample Location		MP-5															
Sampling Date		3/17/2010	12/19/2011	2/16/2012	4/18/2012	6/19/2012	9/20/2012	DUP-092012	12/20/2012	3/14/2013	9/3/2013	3/19/2014	DUP-031914	9/17/2014	3/17/2015	9/21/2015	3/15/2016
Laboratory ID	NYSDEC	R1001332-036	R1107129-003	R1201111-015	R1202511-005	R1203991-002	R1206830-011	R1206380-019	R1208755-016	R1301745-006	R1306560-002	R1402018-012	R1402018-015	R1407413-003	R1501913-010	R1507987-019	R1602496-008
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.6 U	1.8 U	1.8 U	1.8 U	0.36 U	0.36 U
1,1-Dichloroethane	5	3.2 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	0.20 U	0.20 U
1,1-Dichloroethene	5	3.0 U	2.9 U	3.2 DJ	3.1 J	3.3 J	2.9 U	2.9 U	2.9 U	2.9 U	3.0 J	5.7 U	3.1 J	2.9 U	2.9 U	0.57 U	0.57 U
Tetrachloroethene	5	860.0	1100.0 D	830.0 D	730	950	710	750	620.0	920	970.0	940.0	940.0	890.0	1.5 U	11	280 D
Trichloroethene	5	28.0	46.0 DJ	29.0 DJ	32	42	29	31	25.0	28	36.0	33.0 J	33.0	32.0	1.1 U	0.22 U	0.58 J
Vinyl Chloride	2	6.7 J	8.9 DJ	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	1.6 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	31	43 DJ	27 DJ	33	29	21 J	23 J	15 J	19 J	23 J	20 J	20 J	14 J	1.5 U	0.30 U	0.30 U
trans-1,2-Dichloroethene	5	2.3 U	2.0 U	2.0 U	1.0 U	1.0 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	3.4 U	1.7 U	1.7 U	1.7 U	0.33 U	0.33 U

Sample Location		MP-6D												MP-6S															
Sampling Date		3/17/2010	12/19/2011	2/16/2012	4/18/2012	6/19/2012	9/20/2012	12/21/2012	3/14/2013	9/5/2013	3/20/2014	9/17/2014	9/20/2015	3/17/2010	12/19/2011	BD-121911	2/16/2012	4/18/2012	6/19/2012	9/19/2012	12/20/2012	3/14/2013	9/3/2013	3/19/2014	9/17/2014	3/17/2015	9/21/2015	3/16/2016
Laboratory ID	NYSDEC	R1001332-037	R1107129-002	R1201111-014	R1202511-003	R1203991-005	R1206380-009	R1208755-024	R1301745-012	R1306560-018	R1402018-019	R1407413-009	R1507987-008	R1001332-038	R1107129-001	R1107129-008	R1201111-013	R1202511-002	R1203991-004	R1206380-005	R1208755-021	R1301745-010	R1306560-005	R1402018-014	R1407413-006	R1501913-013	R1507987-018	R1602496-012
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	4.5 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	1.8 U	0.90 U	1.8 U	1.8 U	0.90 U	0.90 U	0.90 U	0.90 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	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	6.4 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.20 U
1,1-Dichloroethene	5	1.5 U	0.29 U	0.29 U	0.29 U	0.29 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	5.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	1.5 U	2.9 U	2.9 U	1.5 U	1.5 U	1.5 U	1.5 U	0.57 U
Tetrachloroethene	5	1.1 U	0.28 J	15.00	0.23 U	0.23 U	0.30 U	0.30 U	0.30 U	1.30 J	0.37 J	1.40 J	0.54 J	1100.0	1500.0	1000.0	1200	980	970	920	420	750 D	590	470	450	270	290	290 D
Trichloroethene	5	1.6 U	0.23 U	0.20 U	0.20 U	0.20 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	6.3 U	8.0 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
Vinyl Chloride	2	1.3 U	0.23 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	5.2 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	1.6 U	0.80 U	1.6 U	1.6 U	0.80 U	0.80 U	0.80 U	0.80 U	0.32 U
cis-1,2-Dichloroethene	5	1.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	4.8 U	5.4 J	4.7 J	5.5 J	5.1 J	3.6 J	4.8 J	3.0 J	3.2 DJ	1.5 U	1.4 J	1.8 J	0.75 U	1.4 J	0.81 J
trans-1,2-Dichloroethene	5	1.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	4.5 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.7 U	0.83 U	1.7 U	1.7 U	0.75 U	0.83 U	0.83 U	0.83 U	0.33 U

Sample Location		MP-8D										MP-8S										MP-10D						
Sampling Date		3/15/2010	12/20/2011	3/16/2012	DUP-031612	6/20/2012	9/21/2012	12/19/2012	9/23/2013	9/19/2014	9/21/2015	3/15/2010	12/20/2011	3/16/2012	6/20/2012	9/21/2012	12/19/2012	3/15/2013	9/4/2013	9/19/2014	9/21/2015	3/15/2010	12/20/2011	3/15/2012	6/20/2012	9/21/2012	12/19/2012	9/23/2013
Laboratory ID	NYSDEC	R1001332-022	R1107129-011	R1201757-007	R1201757-008	R1203991-017	R1206380-022	R1208755-007	R1307148-004	R1407413-030	R1507987-013	R1001332-016	R1107129-012	R1201757-006	R1203991-014	R1206380-021	R1208755-010	R1301745-021	R1306560-012	R1407413-028	R1507987-015	R1001332-017	R1107129-013	R1201757-005	R1203991-018	R1206380-025	R1208755-012	R1307148-003
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.45 U	0.23 U	0.23 U	0.23 U	5 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.45 U	0.23 U	0.23 U	0.23 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	0.20 U	0.20 U	0.20 U	0.20 U	0.64 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.64 U	0.20 U	0.20 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	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	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	0.57 U	0.59 U	0.29 U	0.29 U	0.29 U	0.57 U	0.57 U	0.57 U
Tetrachloroethene	5	0.43 U	0.45 J	0.20 U	0.20 U	0.20 U	0.30 U	0.89 J	0.30 U	0.30 U	0.30 U	13	49	31	31	64	51	68	68	65	23	0.43 U	0.20 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U
Trichloroethene	5	0.63 U	0.23 U	0.23 U	0.23 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	36	51	34	58	63	59	61	61	59	25	0.63 U	0.23 U	0.23 U	0.23 U	0.22 U	0.22 U	0.22 U
Vinyl Chloride	2	0.52 U	0.23 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	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	0.52 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	0.48 U	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	69	81	64	86	93	79	87	85	81	64	0.48 U	0.20 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U
trans-1,2-Dichloroethene	5	0.45 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	6.6	7.5	5.6	5.6	9.0	7.3	7.9	7.3	6.3	3.7 J	0.45 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U

Sample Location		MP-11														MP-12													
Sampling Date		10/28/2011	12/19/2011	2/15/2012	4/19/2012	6/21/2012	9/19/2012	12/18/2012	3/13/2013	9/4/2013	3/18/2014	9/17/2014	3/16/2015	9/22/2015	3/15/2016	10/28/2011	12/20/2011	2/15/2012	4/19/2012	6/19/2012	9/19/2012	12/18/2012	3/14/2013	9/4/2013	3/18/2014	9/18/2014	3/16/2015	9/21/2015	3/15/2016
Laboratory ID	NYSDEC	R1106103-002	R1107129-007	R1201111-005	R1202511-012	R1203991-023	R1206380-004	R1208755-001	R1301745-002	R1306560-013	R1402018-002	R1407413-010	R1501913-004	R1507987-028	R1602496-003	R1106103-001	R1107129-016	R1201111-007	R1202511-014	R1203991-008	R1206380-002	R1208755-002	R1301745-011	R1306560-016	R1402018-005	R1407413-016	R1501913-006	R1507987-017	R1602496-007
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.36 U	0.4 U	0.36 U	0.72 U	0.72 U	0.36 U	0.36 U	1.8 U	1.8 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.36 U	0.36 U	0.36 U	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	0.2 U	0.20 U	0.40 U	0.40 U	0.20 U	0.20 U	1.0 U	1.0 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	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	0.57 U	0.6 U	0.57 U	1.2 U	1.2 U	0.57 U	0.57 U	2.9 U	2.9 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Tetrachloroethene	5	11	25	32	41	52	86	110	170	200 D	220	3.1 J	67	1.5 U	3.4 J	78	77	51	36	28	79	48	34	49	27	31	26	15	13
Trichloroethene	5	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	0.22 U	0.22 U	1.1 U	1.1 U	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
Vinyl Chloride	2	9.2	18	22	32	31	32	44	23	26 D	17	0.32 U	0.32 U	1.6 U	1.6 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	5.4	15	24	30	29	38	50	52	43 D	34	0.30 U	2.3 J	1.5 J	1.5 U	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
trans-1,2-Dichloroethene	5	0.20 U	0.20 U	0.20 U	U	0.23 J	0.33 U	0.35 J	0.36 J	0.80 DJ	0.66 U	0.33 U	0.33 U	1.7 U	1.7 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Sample Location		MP-13											MP-14															MW-2			
Sampling Date		10/28/2011	12/19/2011	2/15/2012	4/18/2012	6/19/2012	DUP-061912	9/20/2012	12/21/2012	9/25/2013	9/17/2014	9/22/2015	10/31/2011	12/21/2011	2/15/2012	DUP-021512	4/19/2012	6/20/2012	9/20/2012	12/18/2012	3/14/2013	9/5/2013	3/19/2014	9/18/2014	3/16/2015	9/21/2015	3/16/2016	3/17/2010	12/27/2012	3/16/2015	3/15/2016
Laboratory ID	NYSDEC	R1106103-004	R1107129-005	R1201111-008	R1202511-009	R1203991-006	R1203991-010	R1206380-008	R1208755-023	R1307148-017	R1407413-012	R1507987-022	R1106103-007	R1107129-025	R1201111-009	R120111-019	R1202511-015	R1203991-016	R1206380-010	R1208755-003	R1301745-013	R1306560-019	R1402018-011	R1407413-018	R1501913-003	R1507987-010	R1602496-017	R1001332-034	R1208843-005	R1501913-005	R1602496-006
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.23 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.45 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	0.20 U	0.50 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.64 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	0.29 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.59 U	0.57 U	0.57 U	0.57 U
Tetrachloroethene	5	0.20 U	1.2 J	3.7 J	0.82 J	0.60 J	0.44 J	0.30 U	0.61 J	0.30 U	0.30 U	0.30 U	30	37	29	27	25	30	30	27	32	32	37	45	53	50	89	17	39.0	3.1 J	2.5
Trichloroethene	5	1.2 J	0.90 J	0.50 J	0.38 J	0.50 J	0.51 J	0.51 J	0.41 J	0.32 J	0.33 J	0.22 U	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	2.0 J	5.3	1.8 J	4.1
Vinyl Chloride	2	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.52 U	0.32 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	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	1.2 J	3.3 J	1.6 J	4.9
trans-1,2-Dichloroethene	5	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.45 U	0.33 U	0.33 U	0.33 U

Sample Location		MW-3		MW-5			MW-6					MW-7A																
Sampling Date		3/12/2010	9/20/2015	3/18/2010	11/18/2014	9/21/2015	3/18/2010	3/14/2013	9/24/2013	9/18/2014	DUP-091814	3/16/2010	12/19/2011	2/14/2012	4/18/2012	6/19/2012	9/20/2012	12/20/2012	DUP-122012	3/15/2013	9/4/2013	DUP-090413	3/18/2014	9/17/2014	3/17/2015	DUP-031715	9/22/2015	3/15/2016
Laboratory ID	NYSDEC	R1001332-002	R1507987-009	R1001332-043	R1409379-002	R1507987-020	R1001332-045	R1301745-005	R1307148-009	R1407413-021	R1407413-022	R1001332-028	R1107129-006	R1201111-003	R1202511-011	R1203991-009	R1206380-015	R1208755-019	R1208755-022	R1301745-017	R1306560-011	R1306560-017	R1402018-006	R1407413-008	R1501913-009	R1501913-017	R1507987-023	R1602496-010
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Volatile Organic Compounds																												
1,1,1-Trichloroethane	5	4.5 U	0.36 U	0.45 U	0.36 U	0.36 U	0.45 U	0.36 U	0.36 U	0.36 U	0.36 U	4.5 U	4.7 U	4.7 U	4.7 U	4.7 U	3.6 U	3.6 U	3.6 U	7.2 U	1.8 U	1.8 U	0.72 U	1.8 U	0.36 U	0.36 U	1.8 U	0.36 U
1,1-Dichloroethane	5	6.4 U	0.20 U	0.64 U	0.20 U	0.20 U	0.64 U	0.20 U	0.20 U	0.20 U	0.20 U	6.4 U	4.0 U	4.0 U	4.0 U	4.0 U	2.0 U	2.0 U	2.0 U	4.0 U	1.0 U	1.0 U	0.40 U	1.0 U	0.20 U	0.20 U	1.0 U	0.20 U
1,1-Dichloroethene	5	5.9 U	0.57 U	0.59 U	0.57 U	0.57 U	0.59 U	0.57 U	0.57 U	0.57 U	0.57 U	5.9 U	5.8 U	5.8 U	5.8 U	5.8 U	5.7 U	5.7 U	5.7 U	12 U	2.9 U	2.9 U	1.2 U	2.9 U	0.57 U	0.57 U	2.9 U	0.57 U
Tetrachloroethene	5	6.3 U	100	31	45	44	0.43 U	0.30 U	0.30 U	0.30 U	0.30 U	1700	2300 D	2700	2500	2700	1600	1100	1200	1900 D	550	560 D	240 U	780 D	35	37	4.1 J	780 D
Trichloroethene	5	6.3 U	1.4 J	0.63 U	2.3 J	0.38 J	0.63 U	0.22 U	0.22 U	0.22 U	0.22 U	6.3 U	5.2 DJ	5.8 J	4.7 U	4.7 U	2.2 U	2.2 U	2.2 U	4.4 U	1.1 U	1.1 U	0.44 U	1.1 U	0.22 U	0.22 U	1.1 U	0.22 J
Vinyl Chloride	2	5.2 U	0.32 U	0.52 U	0.32 U	0.32 U	0.52 U	0.32 U	0.32 U	0.32 U	0.32 U	5.2 U	4.7 U	4.7 U	4.7 U	4.7 U	3.2 U	3.2 U	3.2 U	6.4 U	1.6 U	1.6 U	0.64 U	1.6 U	0.32 U	0.32 U	1.6 U	0.32 U
cis-1,2-Dichloroethene	5	7.6 DJ	2.8 J	0.48 U	0.30 U	0.30 U	0.48 U	0.30 U	0.38 U	0.30 U	0.30 U	4.8 U	4.0 U	4.0 U	4.0 U	4.0 U	3.0 U	3.0 U	3.0 U	6.0 U	1.5 U	1.5 U	0.60 U	1.5 U	0.30 U	0.30 U	1.5 U	0.30 U
trans-1,2-Dichloroethene	5	610 D	0.33 U	0.45 U	0.33 U	0.33 U	0.45 U	0.33 U	0.33 U	0.33 U	0.33 U	4.5 U	4.0 U	4.0 U	4.0 U	4.0 U	3.4 U	3.4 U	3.4 U	6.7 U	1.7 U	1.7 U	0.66 U	1.7 U	0.33 U	0.33 U	1.7 U	0.33 U

Sample Location		MW-8				MW-9	MW-11			MW-12			MW-13		MW-14	MW-16														
Sampling Date		3/18/2010	12/28/2012	9/24/2013	DUP-092413	3/16/2010	3/18/2010	9/18/2014	3/21/2016	3/19/2010	12/27/2012	9/18/2014	3/19/2010	9/22/2015	3/18/2010	3/17/2010	12/21/2011	2/15/2012	4/19/2012	DUP-041912	6/21/2012	9/20/2012	12/18/2012	3/13/2013	9/4/2013	3/18/2014	9/18/2014	3/16/2015	9/22/2015	3/15/2016
Laboratory ID	NYSDEC	R1001332-046	R1208843-008	R1307148-014	R1307148-015	R1001332-027	R1001332-050	R1407413-019	R1602496-003	R1001332-054	R1208843-002	R1407413-013	R1001332-055	R1507987-031	R1001332-049	R1001332-042	R1107129-021	R1201111-010	R1202511-013	R1202511-018	R1203991-024	R1206380-017	R1208755-006	R1301745-003	R1306560-010	R1402018-003	R1407413-015	R1501913-002	R1507987-027	R1602496-009
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.45 U	0.45 U	0.36 U	1.8 U	0.45 U	0.36 U	0.36 U	0.45 U	0.36 U	0.45	0.90 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.36 U	0.36 U	0.90 U	0.36 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	0.64 U	0.64 U	0.20 U	1.0 U	0.64 U	0.20 U	0.20 U	0.64 U	0.20 U	0.64	1.3 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.20 U	0.20 U	0.50 U	0.20 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	0.59 U	0.45 U	0.57 U	2.9 U	0.59 U	0.57 U	0.57 U	0.59 U	0.57 U	0.59	1.2 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.57 U	0.57 U	1.5 U	0.57 U	0.57 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	0.43 U	0.43 U	0.30 U	3.4 J	0.43 U	0.30 U	0.30 U	15	17	0.43 U	260	280	250	200	190 D	210	200	180	200 D	160	150	140	100	43	46
Trichloroethene	5	0.63 U	0.22 U	0.22 U	0.22 U	0.63 U	0.63 U	0.22 U	1.1 U	0.63 U	0.22 U	0.22 U	0.63 U	0.59 J	0.63	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	3.3 J	3.6 J	2.4 J	2.1 J	0.39 J	0.69 J
Vinyl Chloride	2	0.52 U	0.32 U	0.32 U	0.32 U	0.52 U	0.52 U	0.32 U	1.6 U	0.52 U	0.32 U	0.32 U	0.52 U	0.32 U	0.52	1.1 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.32 U	0.32 U	0.80 U	0.32 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	0.48 U	0.48 U	0.30 U	1.5 U	0.48 U	0.30 U	0.30 U	0.48 U	0.30 U	0.48	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	0.30 U	0.34 J
trans-1,2-Dichloroethene	5	0.45 U	0.33 U	0.33 U	0.33 U	0.45 U	0.45 U	0.33 U	1.7 U	0.45 U	0.33 U	0.33 U	0.45 U	0.33 U	0.45	0.90 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.33 U	0.33 U	0.83 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

See notes on last page.

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

Sample Location		MW-17				MW-18				MW-19		MW-21	MW-22			MW-23	MW-24		
Sampling Date		3/18/2010	12/27/2012	9/24/2013	11/18/2014	3/15/2010	12/29/2012	9/24/2013	9/19/2014	3/12/2010	9/20/2015	3/12/2010	3/12/2010	12/28/2012	9/24/2013	3/17/2010	3/19/2010	12/21/2012	9/22/2015
Laboratory ID	NYSDEC	R1001332-044	R1208843-004	R1307148-013	R1409379-003	R1001332-019	R1208843-012	R1307148-012	R1407413-026	R1001332-012	R1507987-006	R1001332-005	R1001332-001	R1208843-007	R1307148-008	R1001332-039	R1001332-056	R1208755-025	R1507987-030
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.45 U	0.36 U	0.36 U	0.36 U	0.45 U	0.36 U	0.45 U	0.45 U	0.36 U	0.36 U	0.45 U	0.45 U	0.36 U	0.36 U
1,1-Dichloroethane	5	0.64 U	0.20 U	0.20 U	0.20 U	0.64 U	0.20 U	0.20 U	0.20 U	0.64 U	0.20 U	0.64 U	0.64 U	0.20 U	0.20 U	0.64 U	0.64 U	0.20 U	0.20 U
1,1-Dichloroethene	5	0.59 U	0.57 U	0.57 U	0.57 U	0.59 U	0.57 U	0.57 U	0.57 U	0.59 U	0.57 U	0.59 U	0.59 U	0.57 U	0.57 U	0.59 U	0.59 U	0.57 U	0.57 U
Tetrachloroethene	5	1.90 J	1.5 J	1.8 J	1.8 J	0.43 U	0.30 U	0.30 U	0.30 U	**29**	**23**	0.43 U	0.43 U	0.30 U	0.30 U	0.43 U	**150**	**22**	2.8 J
Trichloroethene	5	0.63 U	0.22 U	0.24 J	0.28 J	0.63 U	0.22 U	0.22 U	0.22 U	**8.7**	**7.1**	0.63 U	0.63 U	0.22 U	0.22 U	0.63 U	5.0 J	0.22 U	0.22 U
Vinyl Chloride	2	0.52 U	0.32 U	0.32 U	0.32 U	0.52 U	0.32 U	0.32 U	0.32 U	0.52 U	0.58 J	0.52 U	0.52 U	0.32 U	0.32 U	0.52 U	0.52 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	0.48 U	0.30 U	0.30 U	0.30 U	0.48 U	0.30 U	0.30 U	0.30 U	**15**	**15**	0.48 U	0.48 U	0.30 U	0.38 U	0.48 U	4.2 J	0.30 U	0.30 U
trans-1,2-Dichloroethene	5	0.45 U	0.33 U	0.33 U	0.33 U	0.45 U	0.33 U	0.33 U	0.33 U	0.79 J	0.41 J	0.45 U	0.45 U	0.33 U	0.33 U	0.45 U	0.45 U	0.33 U	0.33 U

Sample Location		MW-25													MW-26			MW-27	
Sampling Date		3/15/2010	12/20/2011	3/15/2012	6/20/2012	9/21/2012	12/19/2012	3/15/2013	9/4/2013	3/20/2014	9/19/2014	3/17/2015	9/21/2015	3/16/2016	3/12/2010	12/29/2012	DUP-122912	9/19/2014	9/20/2015	3/15/2010	9/20/2015
Laboratory ID	NYSDEC	R1001332-013	R1107129-014	R1201757-003	R1203991-011	R1206380-020	R1208755-008	R1301745-018	R1306560-014	R1402018-017	R1407413-027	R1501913-008	R1507987-016	R1602496-016	R1001332-006	R1208843-013	R1208843-015	R1407413-025	R1507987-007	R1001332-015	R1507987-003
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.90 U	0.90 U	0.90 U	0.90 U	0.90 U	0.72 U	0.72 U	0.36 U	0.45 U	0.36 U	0.36 U	0.36 U	0.36 U	0.45 U	0.36 U
1,1-Dichloroethane	5	1.6 U	0.20 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.40 U	0.40 U	0.20 U	0.64 U	0.20 U	0.20 U	0.20 U	0.20 U	0.64 U	0.20 U
1,1-Dichloroethene	5	1.5 U	0.97 J	1.5 U	0.73 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.2 U	1.2 U	0.57 U	0.59 U	0.57 U	0.57 U	0.57 U	0.57 U	0.59 U	0.57 U
Tetrachloroethene	5	**450**	**43**	**360** D	**350**	**400**	**360**	**370**	**350**	**300**	**240**	**290**	**180**	**190**	**65**	**49**	**50**	**38**	**50**	**72**	**20**
Trichloroethene	5	**6.5** J	**44**	**6.5** DJ	**6.5** J	**6.0** J	**6.3** J	**5.9** J	**5.4** J	**5.3** J	3.0 J	4.4 J	1.9 J	2.0	4.5 J	4.8 J	4.8 J	3.5 J	4.3 J	3.4 J	**7.7**
Vinyl Chloride	2	1.3 U	0.82 J	1.2 U	0.58 U	0.80 U	0.80 U	0.80 U	0.80 U	0.80 U	0.80 U	0.64 U	0.64 U	0.32 U	0.52 U	0.32 U	0.32 U	0.32 U	0.32 U	0.52 U	0.32 U
cis-1,2-Dichloroethene	5	**8.2** J	**60**	4.8 DJ	4.4 J	4.5 J	**5.1** J	4.6 J	3.3 J	2.5 J	1.4 J	1.8 J	0.90 J	1.3	**5.3**	**5.9**	**6.1**	4.0 J	**6.7**	1.2 J	**15**
trans-1,2-Dichloroethene	5	1.2 U	3.9 J	1.0 U	0.50 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.66 U	0.66 U	0.33 U	0.45 U	0.33 U	0.33 U	0.33 U	0.33 U	0.45 U	0.33 U

Sample Location		MW-28													MW-29			MW-30							
Sampling Date		3/15/2010	12/20/2011	3/15/2012	6/20/2012	9/21/2012	12/19/2012	3/15/2013	9/4/2013	3/20/2014	9/19/2014	3/17/2015	9/21/2015	3/16/2016	3/19/2010	12/27/2012	9/25/2013	3/15/2010	12/21/2011	3/15/2012	6/20/2012	9/20/2012	12/20/2012	9/24/2013	9/19/2014	9/20/2015
Laboratory ID	NYSDEC	R1001332-021	R1107129-015	R1201757-004	R1203991-013	R1206380-023	R1208755-009	R1301745-019	R1306560-015	R1402018-016	R1407413-029	R1501913-011	R1507987-014	R1602496-013	R1001332-057	R1208843-003	R1307148-019	R1001332-018	R1107129-022	R1201757-001	R1203991-012	R1206380-013	R1208755-014	R1307148-006	R1407413-024	R1507987-002
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.45 U	0.36 U	0.36 U	0.45 U	0.23 U	0.23 U	0.23 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,1-Dichloroethane	5	1.6 U	0.50 U	0.20 U	0.20 U	0.20 U	0.50 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.64 U	0.20 U	0.20 U	0.64 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 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	0.60 J	0.69 J	0.76 J	0.93 J	0.57 U	0.57 U	0.57 U	0.57 U	0.59 U	0.57 U	0.57 U	0.59 U	0.29 U	0.29 U	0.29 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Tetrachloroethene	5	**270**	**340**	**52**	**47**	**180**	**190**	**170**	**110**	**43**	**36**	**41**	3.8 J	**11**	0.43 U	0.30 U	0.30 U	**7.5**	0.20 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
Trichloroethene	5	**110**	**5.5** J	**49**	**48**	**77**	**64**	**60**	**53**	**50**	**27**	**12**	3.1 J	2.1	0.63 U	0.22 U	0.22 U	0.63 U	0.37 J	0.23 U	0.35 J	0.28 J	0.28 J	0.22 U	0.22 U	0.59 J
Vinyl Chloride	2	1.3 U	0.58 U	0.55 J	0.58 J	0.32 J	0.32 U	0.41 J	0.42 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.52 U	0.32 U	0.32 U	0.52 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	**66**	4.3 J	**53**	**54**	**52**	**40**	**47**	**50**	**55**	**26**	**12**	2.2 J	2.4	0.48 U	0.30 U	0.30 U	0.48 U	0.32 J	0.20 U	0.30 J	0.30 U	0.30 U	0.30 U	0.30 U	0.51 J
trans-1,2-Dichloroethene	5	1.2 U	0.50 U	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	0.33 U	0.33 U	0.45 U	0.33 U	0.33 U	0.45 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U

Sample Location		MW-31						MW-32			MW-33			MW-34	MW-35	MW-36	MW-37			MW-38	
Sampling Date		3/16/2010	12/28/2012	9/24/2013	11/18/2014	DUP-111814	12/18/2015	3/12/2010	12/28/2012	9/20/2015	3/15/2010	9/24/2013	9/20/2014	3/26/2010	3/12/2010	3/16/2010	3/16/2010	9/24/2013	9/19/2014	9/20/2015	3/17/2010	9/21/2015
Laboratory ID	NYSDEC	R1001332-026	R1208843-010	R1307148-011	R1409379-004	R1409379-006	R1511708-002	R1001332-008	R1208843-009	R1507987-004	R1001332-014	R1307148-010	R1407413-032	R1001332-020	R1001332-007	R1001332-025	R1001332-029	R1307148-007	R1407413-023	R1507987-001	R1001332-035	R1507987-011
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.45 U	0.36 U	0.36 U	0.45 U	0.36 U	0.36 U	0.45 U	0.47 J	1.2 U	1.2 U	0.36 U	0.36 U	0.36 U	0.45 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	0.64 U	0.20 U	0.20 U	0.64 U	0.20 U	0.20 U	0.64 U	0.64 U	1.6 U	1.6 U	0.20 U	0.20 U	0.20 U	0.64 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	0.59 U	0.57 U	0.57 U	0.59 U	0.57 U	0.57 U	0.59 U	0.59 U	1.5 U	1.5 U	0.57 U	0.57 U	0.57 U	0.59 U	0.57 U
Tetrachloroethene	5	0.43 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.43 U	0.30 U	0.30 U	0.91 J	1.8 J	2.3 J	0.43 U	0.43 U	1.1 U	1.1 U	**18**	**8.0**	**17**	**190**	**89**
Trichloroethene	5	0.63 U	0.47 J	0.33 J	0.38 J	0.39 J	0.80 J	0.63 U	0.22 U	0.22 U	0.63 U	0.82 J	0.56 J	0.63 U	0.63 U	1.6 U	1.6 U	0.78 J	0.38 J	0.52 J	**13**	**5.2**
Vinyl Chloride	2	0.52 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.52 U	0.32 U	0.32 U	0.52 U	0.32 U	0.32 U	0.52 U	0.52 U	1.3 U	1.3 U	0.32 U	0.32 U	0.32 U	0.52 U	0.32 U
cis-1,2-Dichloroethene	5	0.73 J	0.85 J	0.42 J	0.38 J	0.37 J	0.49 J	0.48 U	0.38 J	0.57 J	0.48 U	0.30 U	0.30 U	0.48 U	0.48 U	1.2 U	1.2 U	0.30 U	0.30 U	0.30 U	4.4 J	1.3 J
trans-1,2-Dichloroethene	5	0.45 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.45 U	0.33 U	0.33 U	0.45 U	0.33 U	0.33 U	0.45 U	0.45 U	1.2 U	1.2 U	0.33 U	0.33 U	0.33 U	0.45 U	0.33 U

Sample Location		LJ-1									LJ-4												
Sampling Date		12/20/2011	2/14/2012	4/18/2012	6/21/2012	9/20/2012	12/20/2012	9/3/2013	9/17/2014	9/22/2015	12/21/2011	2/15/2012	4/18/2012	6/21/2012	9/19/2012	12/20/2012	3/14/2013	9/4/2013	3/18/2014	9/17/2014	3/17/2015	9/22/2015	3/15/2016
Laboratory ID	NYSDEC	R1107129-018	R1201111-004	R1202511-004	R1203991-021	R1206380-014	R1208755-015	R1306560-003	R1407413-004	R1507987-021	R1107129-023	R1201111-006	R1202511-008	R1203991-022	R1206380-007	R1208755-017	R1301745-009	R1306560-007	R1402018-004	R1407413-007	R1501913-015	R1507987-026	R1602496-002
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.36 U	0.36 U	0.36 U	3.6 U	12 U	12 U	0.46 U	0.64 J	0.39 J	0.36 U	0.36 U	0.72 U	0.36 U	0.36 U	0.43 J	1.8 U	1.8 U
1,1-Dichloroethane	5	0.20 U	0.40 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	2.0 U	10 U	10 U	0.40 U	4.0 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	1.0 U	1.0 U
1,1-Dichloroethene	5	0.29 U	0.58 U	0.58 U	0.29 U	0.57 U	0.57 U	0.57 U	0.57 U	5.7 U	15 U	15 U	0.58 U	5.8 U	0.57 U	0.57 U	0.57 U	1.2 U	0.57 U	0.57 U	0.57 U	2.9 U	2.9 U
Tetrachloroethene	5	**180**	**180** D	0.40 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	3.0 U	**7300**	**7200**	0.40 U	**1200** D	0.30 U	0.30 U	0.30 U	0.60 U	**190**	0.32 U	0.30 U	1.5 U	1.5 U
Trichloroethene	5	1.6 J	2.0 DJ	0.46 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	2.2 U	**100** J	**120** J	0.46 U	4.0 J	0.22 U	0.22 U	0.22 U	0.44 U	0.39 J	0.22 U	0.22 U	1.1 U	1.1 U
Vinyl Chloride	2	0.23 U	0.46 U	0.46 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	3.2 U	12 U	12 U	0.46 U	4.7 U	0.32 U	0.32 U	0.32 U	0.64 U	0.32 U	0.32 U	0.32 U	1.6 U	1.6 U
cis-1,2-Dichloroethene	5	1.0 J	0.40 DJ	0.40 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	3.0 U	**200** J	**240** J	0.40 U	2.8 J	0.30 U	0.30 U	0.30 U	0.60 U	0.34 J	0.30 U	0.30 U	1.5 U	1.5 U
trans-1,2-Dichloroethene	5	0.20 U	0.40 U	0.40 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	3.4 U	10 U	10 U	0.40 U	4.0 U	0.33 U	0.33 U	0.33 U	0.66 U	0.33 U	0.33 U	0.33 U	1.7 U	1.7 U

Sample Location		LJ-5										LJ-10													
Sampling Date		12/21/2011	2/15/2012	4/19/2012	6/20/2012	9/20/2012	12/18/2012	3/15/2013	9/5/2013	3/19/2014	9/18/2014	10/28/2011	12/20/2011	2/14/2012	4/18/2012	6/21/2012	9/20/2012	12/20/2012	3/14/2013	9/3/2013	3/19/2014	9/17/2014	3/17/2015	9/22/2015	3/15/2016	DUP-031516
Laboratory ID	NYSDEC	R1107129-024	R1201111-012	R1202511-017	R1203991-015	R1206380-012	R1208755-005	R1301745-016	R1306560-020	R1402018-013	R1407413-017	R1106103-003	R1107129-017	R1201111-001	R1202511-006	R1203991-020	R1206380-016	R1208755-013	R1301745-007	R1306560-004	R1402018-008	R1407413-002	R1501913-012	R1507987-024	R1602496-005	R1602496-011
Units	GWQS	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	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	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.58 U	0.58 U	0.58 U	0.58 U	0.23 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	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	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.50 U	0.50 U	0.50 U	0.50 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	2.0 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	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	2.1 J	1.7 J	1.6 J	0.73 U	0.29 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	5.7 U	0.57 U	0.57 U
Tetrachloroethene	5	0.90 J	0.44 J	0.20 U	0.22 J	0.30 U	0.30 U	0.30 U	0.30 U	0.32 J	0.30 U	**200**	**310**	**230**	0.50 U	0.20 U	0.30 U	0.30 U	0.30 U	2.0 J	0.92 J	1.50 J	0.30 U	3.0 U	0.30 U	0.30 U
Trichloroethene	5	0.23 U	0.23 U	0.23 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	**150**	**110**	**88**	0.58 U	0.23 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	2.2 U	0.22 U	0.22 U
Vinyl Chloride	2	0.23 U	0.23 U	0.23 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.1 J	2.0 J	**3.0** J	0.58 U	0.23 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	3.2 U	0.32 U	0.32 U
cis-1,2-Dichloroethene	5	0.20 U	0.20 U	0.20 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	**380**	**300**	**260**	0.50 U	0.20 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	3.0 U	0.30 U	0.30 U
trans-1,2-Dichloroethene	5	0.20 U	0.20 U	0.20 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.70 J	2.5 J	4.1 J	0.50 U	0.20 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	3.4 U	0.33 U	0.33 U

See notes on last page.

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

Sample Location		FB-031110		FB-031210		FB-031510		FB-031610		FB-031710		FB-031810		FB-031910		TB-031110		TB-031210		TB-031510		TB-031610		TB-031710		TB-031810		TB-031910		FB-102811		FB-103111		TRIP BLANK		TRIP BLANK		FB-121911		FB-122011		FB-122111		TRIP BLANK 1		TRIP BLANK 2		TRIP BLANK 3	
Sampling Date		3/12/2010		3/12/2010		3/15/2010		3/16/2010		3/17/2010		3/18/2010		3/19/2010		3/12/2010		3/12/2010		3/15/2010		3/16/2010		3/17/2010		3/18/2010		3/19/2010		10/28/2011		10/28/2011		10/28/2011		10/31/2011		12/19/2011		12/20/2011		12/21/2011		12/19/2011		12/20/2011		12/21/2011	
Laboratory ID	NYSDEC	R1001332-003		R1001332-010		R1001332-023		R1001332-032		R1001332-040		R1001332-052		R1001332-059		R1001332-004		R1001332-011		R1001332-024		R1001332-033		R1001332-041		R1001332-053		R1001332-060		R1106103-005		R1106103-008		R1106103-006		R1106103-009		R1107129-009		R1107129-019		R1107129-026		R1107129-010		R1107129-020		R1107129-027	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		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	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1-Dichloroethane	5	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
1,1-Dichloroethene	5	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U
Tetrachloroethene	5	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Trichloroethene	5	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
Vinyl Chloride	2	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
cis-1,2-Dichloroethene	5	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
trans-1,2-Dichloroethene	5	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.45	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U

Sample Location		FB021412		FB021512		FB021612		TRIP BLANK		TRIP BLANK		FB-031512		FB-031612		TRIP BLANK		FB041812		FB041912		TRIP BLANK		FB-061912		FB-062012		FB-062112		TRIP BLANK		FB-091912		FB-092012		FB-092112		TRIP BLANK		FB-121812		FB-121912		FB-122012		FB-122112		TRIP BLANK		FB-122712		FB-122812		FB-122912	
Sampling Date		2/14/2012		2/15/2012		2/16/2012		2/14/2012		3/15/2012		3/15/2012		3/16/2012		4/18/2012		4/18/2012		4/19/2012		6/19/2012		6/19/2012		6/20/2012		6/21/2012		9/19/2012		9/19/2012		9/20/2012		9/21/2012		12/18/2012		12/18/2012		12/19/2012		12/20/2012		12/21/2012		12/26/2012		12/27/2012		12/28/2012		12/29/2012	
Laboratory ID	NYSDEC	R120111-002		R120111-016		R120111-017		R1201111-018		R1201757-010		R1201757-002		R1201757-009		R1202511-001		R1202511-010		R1202511-016		R1203991-001		R1203991-007		R1203991-019		R1203991-025		R1206380-001		R1206380-006		R1206380-018		R1206380-024		R1208755-027		R1208755-004		R1208755-011		R1208755-020		R1208755-027		R1208843-0001		R1208843-006		R1208843-011		R1208843-014	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		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	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	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	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	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	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.29	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U
Tetrachloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
Trichloroethene	5	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
Vinyl Chloride	2	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U
cis-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
trans-1,2-Dichloroethene	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		TRIP BLANK		FB-031313 *		FB-031413		FB-031513		TRIP BLANK		FB-090313		FB-090413		FB-090513		TRIP BLANK		FB-092313		FB-092413		FB-092513		TRIP BLANK		FB-031814		FB031914		FB-032014		TRIP BLANK		FB-091714		TRIP BLANK		FB-091814		FB-091914		TRIP BLANK		FB-092014		TRIP BLANK		FB-111814		TRIP BLANK		FB-031615		FB-031715	
Sampling Date		3/13/2013		3/13/2013		3/14/2013		3/15/2013		9/3/2013		9/3/2013		9/4/2013		9/5/2013		9/23/2013		9/23/2013		9/24/2013		9/25/2013		3/18/2014		3/18/2014		3/19/2014		3/20/2014		9/17/2014		9/17/2014		9/18/2014		9/18/2014		9/19/2014		9/20/2014		11/18/2014		11/18/2014		11/18/2014		3/16/2015		3/16/2015	
Laboratory ID	NYSDEC	R1301745-001		R1301745-004		R1301745-014		R1301745-020		R1306560-001		R1306560-006		R1306560-009		R1306560-021		R1307148-001		R1307148-005		R1307148-016		R1307148-018		R1402018-001		R1402018-007		R1402018-010		R1402018-018		R1407413-001		R1407413-011		R1407413-020		R1407413-031		R1407413-033		R1409379-001		R1409379-005		R1501913-001		R1501913-007		R1501913-014	
Units	GWQS	µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		µg/L		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	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	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	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	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	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	0.57	U	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	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	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	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	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	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	0.32	U	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	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	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	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U	0.33	U

Sample Location		TRIP BLANK		FB-092015		FB-092115		FB-092215		TRIP BLANK		FB-031516		FB-031616	
Sampling Date		9/20/2015		9/20/2015		9/21/2015		9/22/2015		3/15/2016		3/15/2016		3/16/2016	
Laboratory ID	NYSDEC	R1507987-032		R1507987-005		R1507987-012		R1507987-029		R1602496-001		R1602496-004		R1602496-014	
Units	GWQS	µg/L		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	0.36	U
1,1-Dichloroethane	5	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U	0.2	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	0.57	U
Tetrachloroethene	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.3	U	0.30	U
Trichloroethene	5	0.22	U	0.22	U	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	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	0.3	U	0.30	U
trans-1,2-Dichloroethene	5	0.33	U	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
BD-121911 is a blind duplicate of MP-6S
NS = Not sampled
DUP-021512 is a blind duplicate of MP-14
DUP-031612 is a blind duplicate of MP-8D
DUP-041912 is a blind duplicate of MW-16
DUP-061912 is a blind duplicate of MP-13
DUP-092012 is a blind duplicate of MP-5
DUP-122912 is a blind duplicate of MW-26
DUP-031413 is a blind duplicate of MP-4
DUP-122012 is a blind duplicate of MW-7A
DUP-090413 is a blind duplicate of MW-7A
DUP-031914 is a blind duplicate of MP-5
DUP-091814 is a blind duplicate of MW-6
DUP-111814 is a blind duplicate of MW-31
DUP-031715 is a blind duplicate of MW-7A
DUP-092215 is a blind duplicate of MP-4
DUP-031516 is a blind duplicate of IJ-10
Bold = concentration exceeds NYSDEC GWQS
* Sample FB-031313 is shown as "IB-031313" in laboratory report
** Sample shown as "MP-30" is laboratory report

Table 4 - Indoor Air Sampling Analytical Results, March 2016 - Former Dover Electronics Site, Kirkwood, New York

Sample Location	Background				AC Area				Cafeteria			
Sampling Date	3/16/2016				3/16/2016				3/23/2016			
Laboratory ID	P1601502-008				P1601502-001				P1601605-001			
Units	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q
Volatile Organic Compounds												
Dichlorodifluoromethane (CFC 12)	**0.41**		**2.1**		**0.59**		**2.9**		**0.46**		**2.3**	
Chloromethane	0.42	U	0.87	U	0.36	U	0.75	U	0.31	U	0.64	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.12	U	0.87	U	0.11	U	0.75	U	0.092	U	0.64	U
Vinyl Chloride	0.34	U	0.87	U	0.29	U	0.75	U	0.25	U	0.64	U
1,3-Butadiene	0.39	U	0.87	U	0.34	U	0.75	U	0.29	U	0.64	U
Bromomethane	0.22	U	0.87	U	0.19	U	0.75	U	0.16	U	0.64	U
Chloroethane	0.33	U	0.87	U	0.28	U	0.75	U	0.24	U	0.64	U
Ethanol	**6.7**		**13**		**54**		**100**		**41**		**76**	
Acetonitrile	0.52	U	0.87	U	0.45	U	0.75	U	0.38	U	0.64	U
Acrolein	1.5	U	3.5	U	1.3	U	3.0	U	1.1	U	2.6	U
Acetone	**4.1**		**9.8**		**22**		**53**		**7.9**		**19**	
Trichlorofluoromethane	**0.21**		**1.2**		**0.67**		**3.8**		**0.26**		**1.4**	
2-Propanol (Isopropyl Alcohol)	3.5	U	8.7	U	**7.2**		**18**		**3.9**		**9.5**	
Acrylonitrile	0.40	U	0.87	U	0.35	U	0.75	U	0.30	U	0.64	U
1,1-Dichloroethene	0.22	U	0.87	U	0.19	U	0.75	U	0.16	U	0.64	U
Methylene Chloride	0.25	U	0.87	U	0.22	U	0.75	U	0.18	U	0.64	U
3-Chloro-1-propene (Allyl Chloride)	0.28	U	0.87	U	0.24	U	0.75	U	0.20	U	0.64	U
Trichlorotrifluoroethane	0.110	U	0.87	U	0.098	U	0.75	U	0.084	U	0.64	U
Carbon Disulfide	2.8	U	8.7	U	2.4	U	7.5	U	2.1	U	6.4	U
trans-1,2-Dichloroethene	0.22	U	0.87	U	0.19	U	0.75	U	0.16	U	0.64	U
1,1-Dichloroethane	0.21	U	0.87	U	0.19	U	0.75	U	0.16	U	0.64	U
Methyl tert-Butyl Ether	0.24	U	0.87	U	0.21	U	0.75	U	0.18	U	0.64	U
Vinyl Acetate	2.5	U	8.7	U	2.1	U	7.5	U	1.8	U	6.4	U
2-Butanone (MEK)	2.9	U	8.7	U	2.5	U	7.5	U	2.2	U	6.4	U
cis-1,2-Dichloroethene	0.22	U	0.87	U	0.19	U	0.75	U	0.16	U	0.64	U
n-Hexane	0.25	U	0.87	U	0.21	U	0.75	U	0.18	U	0.64	U
Chloroform	0.18	U	0.87	U	0.15	U	0.75	U	0.13	U	0.64	U
1,2-Dichloroethane	0.21	U	0.87	U	0.19	U	0.75	U	0.16	U	0.64	U
1,1,1-Trichloroethane	0.16	U	0.87	U	0.14	U	0.75	U	0.12	U	0.64	U
Benzene	0.27	U	0.87	U	0.23	U	0.75	U	0.20	U	0.64	U
Carbon Tetrachloride	**0.061**		**0.38**		**0.052**		**0.33**		**0.072**		**0.46**	
1,2-Dichloropropane	0.19	U	0.87	U	0.16	U	0.75	U	0.14	U	0.64	U
Bromodichloromethane	0.13	U	0.87	U	0.11	U	0.75	U	0.096	U	0.64	U
Trichloroethene (TCE)	0.032	U	0.17	U	0.028	U	0.75	U	0.024	U	0.13	U
1,4-Dioxane	0.24	U	0.87	U	0.21	U	0.75	U	0.18	U	0.64	U
cis-1,3-Dichloropropene	0.19	U	0.87	U	0.17	U	0.75	U	0.14	U	0.64	U
4-Methyl-2-pentanone	0.21	U	0.87	U	0.18	U	0.75	U	0.16	U	0.64	U
trans-1,3-Dichloropropene	0.19	U	0.87	U	0.17	U	0.75	U	0.14	U	0.64	U
1,1,2-Trichloroethane	0.16	U	0.87	U	0.14	U	0.75	U	0.12	U	0.64	U
Toluene	**0.23**		0.87	U	**0.50**		**1.9**		**0.45**		**1.7**	
2-Hexanone	0.21	U	0.87	U	0.18	U	0.75	U	0.16	U	0.64	U
Dibromochloromethane	0.100	U	0.87	U	0.088	U	0.75	U	0.075	U	0.64	U
1,2-Dibromoethane	0.110	U	0.87	U	0.098	U	0.75	U	0.083	U	0.64	U
n-Butyl Acetate	0.18	U	0.87	U	**0.22**		**1.1**		0.13	U	0.64	U
Tetrachloroethene (PCE)	**0.32**		**2.2**		**0.86**		**5.8**		**0.22**		**1.5**	
Chlorobenzene	0.19	U	0.87	U	0.16	U	0.75	U	0.14	U	0.64	U
Ethylbenzene	0.20	U	0.87	U	**0.19**		**0.82**		0.15	U	0.64	U
m,p-Xylenes	0.20	U	0.87	U	**0.62**		**2.7**		0.15	U	0.64	U
Bromoform	0.084	U	0.87	U	0.073	U	0.75	U	0.062	U	0.64	U
Styrene	0.20	U	0.87	U	0.18	U	0.75	U	0.15	U	0.64	U
o-Xylene	0.20	U	0.87	U	0.17	U	0.75	U	0.15	U	0.64	U
n-Nonane	0.16	U	0.87	U	0.14	U	0.75	U	0.12	U	0.64	U
1,1,2,2-Tetrachloroethane	0.13	U	0.87	U	0.11	U	0.75	U	0.093	U	0.64	U
Cumene	0.18	U	0.87	U	0.15	U	0.75	U	0.13	U	0.64	U
alpha-Pinene	0.16	U	0.87	U	0.13	U	0.75	U	0.11	U	0.64	U
4-Ethyltoluene	0.18	U	0.87	U	0.15	U	0.75	U	0.13	U	0.64	U
1,3,5-Trimethylbenzene	0.18	U	0.87	U	0.15	U	0.75	U	0.13	U	0.64	U
1,2,4-Trimethylbenzene	0.18	U	0.87	U	0.15	U	0.75	U	0.13	U	0.64	U
Benzyl Chloride	0.17	U	0.87	U	0.14	U	0.75	U	0.12	U	0.64	U
1,3-Dichlorobenzene	0.14	U	0.87	U	0.12	U	0.75	U	0.11	U	0.64	U
1,4-Dichlorobenzene	0.14	U	0.87	U	0.12	U	0.75	U	0.11	U	0.64	U
1,2-Dichlorobenzene	0.14	U	0.87	U	0.12	U	0.75	U	0.11	U	0.64	U
d-Limonene	**0.25**		**1.4**		**0.33**		**1.8**		**0.14**		**0.75**	
1,2-Dibromo-3-chloropropane	0.090	U	0.87	U	0.078	U	0.75	U	0.64	U	0.066	U
1,2,4-Trichlorobenzene	0.120	U	0.87	U	0.10	U	0.75	U	0.64	U	0.086	U
Naphthalene	0.17	U	0.87	U	0.14	U	0.75	U	0.64	U	0.12	U
Hexachlorobutadiene	0.081	U	0.87	U	0.070	U	0.75	U	0.64	U	0.060	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 2016 - Former Dover Electronics Site, Kirkwood, New York

Sample Location	Electrical Area				Office Area 1				Office Area 2			
Sampling Date	3/16/2016				3/16/2016				3/16/2016			
Laboratory ID	P1601502-007				P1601502-004				P1601502-005			
Units	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q
Volatile Organic Compounds												
Dichlorodifluoromethane (CFC 12)	**0.55**		**2.7**		**0.44**		**2.2**		**0.42**		**2.1**	
Chloromethane	0.40	U	0.83	U	0.40	U	0.84	U	0.51	U	1.1	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.12	U	0.83	U	0.12	U	0.84	U	0.15	U	1.1	U
Vinyl Chloride	0.32	U	0.83	U	0.33	U	0.84	U	0.41	U	1.1	U
1,3-Butadiene	0.37	U	0.83	U	0.38	U	0.84	U	0.48	U	1.1	U
Bromomethane	0.21	U	0.83	U	0.22	U	0.84	U	0.27	U	1.1	U
Chloroethane	0.31	U	0.83	U	0.32	U	0.84	U	0.40	U	1.1	U
Ethanol	**67**		**130**		**120**		**220**		**140**		**260**	
Acetonitrile	0.49	U	0.83	U	0.50	U	0.84	U	0.63	U	1.1	U
Acrolein	1.4	U	3.3	U	1.5	U	3.3	U	1.8	U	4.2	U
Acetone	**120**		**280**		**6.5**		**15**		**7.4**		**18**	
Trichlorofluoromethane	**1.0**		**5.7**		**2.3**		**13**		**3.1**		**17**	
2-Propanol (Isopropyl Alcohol)	**9.0**		**22**		**7.7**		**19**		**6.9**		**17**	
Acrylonitrile	0.38	U	0.83	U	0.38	U	0.84	U	0.49	U	1.1	U
1,1-Dichloroethene	0.21	U	0.83	U	0.21	U	0.84	U	0.27	U	1.1	U
Methylene Chloride	0.24	U	0.83	U	0.24	U	0.84	U	0.31	U	1.1	U
3-Chloro-1-propene (Allyl Chloride)	0.26	U	0.83	U	0.27	U	0.84	U	0.34	U	1.1	U
Trichlorotrifluoroethane	0.11	U	0.83	U	0.11	U	0.84	U	0.14	U	1.1	U
Carbon Disulfide	2.7	U	8.3	U	2.7	U	8.4	U	3.4	U	1.1	U
trans-1,2-Dichloroethene	0.21	U	0.83	U	0.21	U	0.84	U	0.27	U	1.1	U
1,1-Dichloroethane	0.20	U	0.83	U	0.21	U	0.84	U	0.26	U	1.1	U
Methyl tert-Butyl Ether	0.23	U	0.83	U	0.23	U	0.84	U	0.29	U	1.1	U
Vinyl Acetate	2.3	U	8.3	U	2.4	U	8.4	U	3.0	U	11	U
2-Butanone (MEK)	2.8	U	8.3	U	2.8	U	8.4	U	3.6	U	11	U
cis-1,2-Dichloroethene	0.21	U	0.83	U	0.21	U	0.84	U	0.27	U	1.1	U
n-Hexane	0.23	U	0.83	U	0.24	U	0.84	U	0.30	U	1.1	U
Chloroform	0.17	U	0.83	U	0.17	U	0.84	U	0.22	U	1.1	U
1,2-Dichloroethane	0.20	U	0.83	U	0.21	U	0.84	U	0.26	U	1.1	U
1,1,1-Trichloroethane	0.15	U	0.83	U	0.15	U	0.84	U	0.19	U	1.1	U
Benzene	0.26	U	0.83	U	0.26	U	0.84	U	0.33	U	1.1	U
Carbon Tetrachloride	**0.059**		**0.37**		**0.066**		**0.41**		**0.061**		**0.39**	
1,2-Dichloropropane	0.18	U	0.83	U	0.18	U	0.84	U	0.23	U	1.1	U
Bromodichloromethane	0.12	U	0.83	U	0.12	U	0.84	U	0.16	U	1.1	U
Trichloroethene (TCE)	0.031	U	0.17	U	0.03	U	0.17	U	0.039	U	0.21	U
1,4-Dioxane	0.23	U	0.83	U	0.23	U	0.84	U	0.3	U	1.1	U
cis-1,3-Dichloropropene	0.18	U	0.83	U	0.18	U	0.84	U	0.23	U	1.1	U
4-Methyl-2-pentanone	0.20	U	0.83	U	0.20	U	0.84	U	0.26	U	1.1	U
trans-1,3-Dichloropropene	0.18	U	0.83	U	0.18	U	0.84	U	0.23	U	1.1	U
1,1,2-Trichloroethane	0.15	U	0.83	U	0.15	U	0.84	U	0.19	U	1.1	U
Toluene	**0.60**		**2.3**		**0.25**		**0.95**		**0.29**		**1.1**	
2-Hexanone	0.20	U	0.83	U	0.20	U	0.84	U	0.26	U	1.1	U
Dibromochloromethane	0.10	U	0.83	U	0.098	U	0.84	U	0.12	U	1.1	U
1,2-Dibromoethane	0.11	U	0.83	U	0.11	U	0.84	U	0.14	U	1.1	U
n-Butyl Acetate	**0.27**		**1.3**		**0.35**		**1.7**		0.22	U	1.1	U
Tetrachloroethene (PCE)	**0.73**		**4.9**		**0.14**		**0.93**		0.16	U	1.1	U
Chlorobenzene	0.18	U	0.8	U	0.18	U	0.84	U	0.23	U	1.1	U
Ethylbenzene	**1.2**		**5.1**		0.19	U	0.84	U	0.24	U	1.1	U
m,p-Xylenes	**3.9**		**17**		0.19	U	0.84	U	0.24	U	1.1	U
Bromoform	0.080	U	0.83	U	0.081	U	0.84	U	0.10	U	1.1	U
Styrene	0.19	U	0.83	U	0.20	U	0.84	U	0.25	U	1.1	U
o-Xylene	**0.90**		**3.9**		0.19	U	0.84	U	0.24	U	1.1	U
n-Nonane	0.16	U	0.83	U	0.16	U	0.84	U	0.20	U	1.1	U
1,1,2,2-Tetrachloroethane	0.12	U	0.83	U	0.12	U	0.84	U	0.15	U	1.1	U
Cumene	0.17	U	0.83	U	0.17	U	0.84	U	0.22	U	1.1	U
alpha-Pinene	**0.15**		0.83	U	0.15	U	0.84	U	0.19	U	1.1	U
4-Ethyltoluene	0.17	U	0.83	U	0.17	U	0.84	U	0.22	U	1.1	U
1,3,5-Trimethylbenzene	0.17	U	0.83	U	0.17	U	0.84	U	0.22	U	1.1	U
1,2,4-Trimethylbenzene	0.17	U	0.83	U	0.17	U	0.84	U	0.22	U	1.1	U
Benzyl Chloride	0.16	U	0.83	U	0.16	U	0.84	U	0.20	U	1.1	U
1,3-Dichlorobenzene	0.14	U	0.83	U	0.14	U	0.84	U	0.18	U	1.1	U
1,4-Dichlorobenzene	0.14	U	0.83	U	0.14	U	0.84	U	0.18	U	1.1	U
1,2-Dichlorobenzene	0.14	U	0.83	U	0.14	U	0.84	U	0.18	U	1.1	U
d-Limonene	**0.32**		**1.8**		**0.92**		**5.1**		**0.71**		**4.0**	
1,2-Dibromo-3-chloropropane	0.09	U	0.83	U	0.086	U	0.84	U	0.110	U	1.1	U
1,2,4-Trichlorobenzene	0.11	U	0.83	U	0.110	U	0.84	U	0.14	U	1.1	U
Naphthalene	0.16	U	0.83	U	0.160	U	0.84	U	0.20	U	1.1	U
Hexachlorobutadiene	0.08	U	0.83	U	0.078	U	0.84	U	0.099	U	1.1	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 2016 - Former Dover Electronics Site, Kirkwood, New York

Sample Location	Hallway				Computer Servers			
Sampling Date	3/16/2016				3/23/2016			
Laboratory ID	P1601502-006				P1601605-002			
Units	ppbv	Q	µg/m³	Q	ppbv	Q	µg/m³	Q
Volatile Organic Compounds								
Dichlorodifluoromethane (CFC 12)	**0.48**		**2.4**		**0.59**		**2.9**	
Chloromethane	0.38	U	0.79	U	0.45	U	0.93	U
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	0.11	U	0.79	U	0.13	U	0.93	U
Vinyl Chloride	0.31	U	0.79	U	0.36	U	0.93	U
1,3-Butadiene	0.36	U	0.79	U	0.42	U	0.93	U
Bromomethane	0.20	U	0.79	U	0.24	U	0.93	U
Chloroethane	0.30	U	0.79	U	**0.82**		**2.2**	
Ethanol	**90**		**170**		**65**		**120**	
Acetonitrile	0.47	U	0.79	U	0.55	U	0.93	U
Acrolein	1.4	U	3.2	U	1.6	U	3.7	U
Acetone	**8.0**		**19**		**25**		**58**	
Trichlorofluoromethane	**0.63**		**3.5**		**0.39**		**2.2**	
2-Propanol (Isopropyl Alcohol)	**9.2**		**23**		**7.6**		**19**	
Acrylonitrile	0.36	U	0.79	U	0.43	U	0.93	U
1,1-Dichloroethene	0.20	U	0.79	U	0.23	U	0.93	U
Methylene Chloride	0.23	U	0.79	U	0.27	U	0.93	U
3-Chloro-1-propene (Allyl Chloride)	0.25	U	0.79	U	0.30	U	0.93	U
Trichlorotrifluoroethane	0.10	U	0.79	U	0.12	U	0.93	U
Carbon Disulfide	2.5	U	7.9	U	3.0	U	9.3	U
trans-1,2-Dichloroethene	0.20	U	0.79	U	0.23	U	0.93	U
1,1-Dichloroethane	0.20	U	0.79	U	0.23	U	0.93	U
Methyl tert-Butyl Ether	0.22	U	0.79	U	0.26	U	0.93	U
Vinyl Acetate	2.2	U	7.9	U	2.6	U	9.3	U
2-Butanone (MEK)	2.7	U	7.9	U	3.2	U	9.3	U
cis-1,2-Dichloroethene	0.20	U	0.79	U	0.23	U	0.93	U
n-Hexane	0.22	U	0.79	U	0.26	U	0.93	U
Chloroform	0.16	U	0.79	U	0.19	U	0.93	U
1,2-Dichloroethane	0.20	U	0.79	U	0.23	U	0.93	U
1,1,1-Trichloroethane	0.14	U	0.79	U	0.17	U	0.93	U
Benzene	0.25	U	0.79	U	0.29	U	0.93	U
Carbon Tetrachloride	**0.025**		**0.37**		**0.080**		**0.51**	
1,2-Dichloropropane	0.17	U	0.79	U	0.20	U	0.93	U
Bromodichloromethane	0.12	U	0.79	U	0.14	U	0.93	U
Trichloroethene (TCE)	0.03	U	0.16	U	0.035	U	0.19	U
1,4-Dioxane	0.22	U	0.79	U	0.26	U	0.93	U
cis-1,3-Dichloropropene	0.17	U	0.79	U	0.20	U	0.93	U
4-Methyl-2-pentanone	0.19	U	0.79	U	0.23	U	0.93	U
trans-1,3-Dichloropropene	0.17	U	0.79	U	0.20	U	0.93	U
1,1,2-Trichloroethane	0.14	U	0.79	U	0.17	U	0.93	U
Toluene	**0.30**		**1.1**		**2.1**		**7.8**	
2-Hexanone	0.19	U	0.79	U	0.23	U	0.93	U
Dibromochloromethane	0.09	U	0.79	U	0.11	U	0.93	U
1,2-Dibromoethane	0.10	U	0.79	U	0.12	U	0.93	U
n-Butyl Acetate	0.17	U	0.79	U	0.20	U	0.93	U
Tetrachloroethene (PCE)	0.12	U	0.79	U	**3.9**		**27**	
Chlorobenzene	0.17	U	0.79	U	0.20	U	0.93	U
Ethylbenzene	0.18	U	0.79	U	**0.30**		**1.3**	
m,p-Xylenes	0.18	U	0.79	U	**0.94**		**4.1**	
Bromoform	0.08	U	0.79	U	0.090	U	0.93	U
Styrene	0.19	U	0.79	U	0.22	U	0.93	U
o-Xylene	0.18	U	0.79	U	**0.27**		**1.2**	
n-Nonane	0.15	U	0.79	U	0.18	U	0.93	U
1,1,2,2-Tetrachloroethane	0.12	U	0.79	U	0.14	U	0.93	U
Cumene	0.16	U	0.79	U	0.19	U	0.93	U
alpha-Pinene	**0.14**		**0.93**		0.17	U	0.93	U
4-Ethyltoluene	0.16	U	0.79	U	0.19	U	0.93	U
1,3,5-Trimethylbenzene	0.16	U	0.79	U	0.19	U	0.93	U
1,2,4-Trimethylbenzene	0.16	U	0.79	U	0.19	U	0.93	U
Benzyl Chloride	0.15	U	0.79	U	0.18	U	0.93	U
1,3-Dichlorobenzene	0.13	U	0.79	U	0.15	U	0.93	U
1,4-Dichlorobenzene	0.13	U	0.79	U	0.15	U	0.93	U
1,2-Dichlorobenzene	0.13	U	0.79	U	0.15	U	0.93	U
d-Limonene	**0.84**		**4.7**		**0.44**		**2.5**	
1,2-Dibromo-3-chloropropane	0.082	U	0.79	U	0.096	U	0.93	U
1,2,4-Trichlorobenzene	0.11	U	0.79	U	0.13	U	0.93	U
Naphthalene	0.15	U	0.79	U	0.18	U	0.93	U
Hexachlorobutadiene	0.074	U	0.79	U	0.087	U	0.93	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