URS

February 1, 2018

Mr. Gary Priscott
New York State Department of Environmental Conservation
Kirkwood Sub-Office
1679 NYS Route 11
Kirkwood, NY 13795

RE: NYSDEC Standby Contract D007622
C.A.E. Electronics, Site No. 704015
Groundwater Sampling Letter Report
WA # D007622-18.2

Dear Mr. Priscott:

URS Corporation (URS) is pleased to present the New York State Department of Environmental Conservation (NYSDEC) with this Groundwater Sampling Letter Report summarizing work completed in October and November 2017 at the above referenced site. URS sampled 33 wells using passive diffusion bag (PDB) samplers.

FIELD ACTIVITES

On October 10-12, 2017, URS was onsite to set-up the passive diffusion bag (PDB) samplers and place them in the wells. At each well, URS gauged the depth to water and depth to bottom to ensure the premade tethers (designed to suspend the PDBs within the water column) would function appropriately. Adjustments to the overall length of the tether and point of attachment of the PDB were made as needed to ensure the PDB would remain under water during the deployment period. PDB tethers were placed in 33 wells. URS collected one rinse/field blank sample over an unused PDB.

On November 1 and 2, 2017 URS was onsite to collect the groundwater samples from the PDBs. At each well URS recorded the depth to water. The PDB was retrieved and used to fill the laboratory sample containers for Target Compound List (TCL) volatile organic compound (VOC) analysis by United State Environmental Protection Agency (USEPA) Method 8260B. After the samples were collected, the PDB tether hardware was left in place at each well. One trip blank was submitted for analysis. Well Sampling logs are included in Appendix A.

GROUNDWATER OCCURANCE AND FLOW DIRECTION

In November 2017, groundwater was observed between approximately 7 and 39 feet below top of riser in the monitoring wells. Figure 1 presents the groundwater elevation contour map from November 2017. Figure 1 only shows the wells that were sampled in November 2017. The groundwater elevations are also summarized on Table 1. Groundwater flow is generally west to

URS Corporation
257 West Genesee St.
Buffalo, NY 14202
Tel: 716.856.5636
Fax: 716.856.2545

west-northwest across most of the study area; flow appears to be more northerly along the eastern half of the study area north of MW-28R. These results are consistent with historical results.

LABORATORY ANALYTICAL RESULTS

All of the samples collected for laboratory analysis were submitted to TestAmerica Laboratories, Inc. Edison, New Jersey. As per the Department's request, a data validation was not performed.

Summary of Results, and Comparison to Previous Results

The 33 groundwater samples collected from the monitoring wells were analyzed for TCL VOCs. The groundwater sample analytical results were compared to groundwater standards found in the NYSDEC Technical Operations and Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" issued in June 1998 and updated in April 2000 (see Figure 2 and Table 2). Table 2 presents the results for VOCs detected at least once in all of the samples during the July 2013 and November 2017 sampling events (July 2013 was the most recent sampling event prior to November 2017). All wells sampled in 2013 were sampled again in 2017.

Only two of the 33 wells sampled contained VOCs at concentrations higher than their respective Class GA standards:

- MW-06 contained TCE at a concentration of 12 µg/L. This well was not sampled in 2013.
- MW-17 contained trichloroethene (TCE) at a concentration of 41 microgram per liter (µg/L) (with a duplicate sample at 67 µg/L), down from the 2013 level of 190 µg/L.

Unlike previous sampling events, no Freon compounds exceeded standards.

As observed in 2013, MW-17 exceeded the groundwater standard for 1,1,2-trichloroethane (1 µg/L). This parameter decreased from 1.6 µg/L in 2013 to 1.1 µg/L in 2017.

As shown on Figure 2, the other location (MW-20) that had trichloroethene concentrations above the 5.0 µg/L Class GA standard in July 2013 has dropped to an estimated value of 0.9 (J) µg/L, which is below the standard.

Several wells were reported as non-detect (ND) in July 2013. The laboratory used for that analysis (Veritech) had a reporting limit of 1.0 µg/L and reported anything less than that as ND. The laboratory used for the 2017 sampling reported estimated concentrations (labelled with the "J" qualifier) for several wells with concentrations below 1.0 µg/L. The change from ND to these estimated concentrations below the reporting limit do not represent an increase in concentrations in those wells.

Aside from those wells which were ND in 2013 and less than 1.0 µg/L with a J qualifier in 2017, all wells decreased in concentration from the previous sampling event with the following exceptions:

- MW-03 TCE increased from 1.6 µg/L to 1.8 µg/L

- MW-11 TCE increased from 1.4 µg/L to 1.8 µg/L
- MW-22 TCE increased from ND to 2.0 µg/L
- MW-27 TCE increased from ND to 1.2 µg/L

All of these results are below the groundwater standard for TCE of 5 µg/L.

Seven wells (CAE-MW-03, MW-02, MW-06, MW-07R, MW-19R, MW-23, and MW-24) were sampled in 2017 but not in 2013. Aside from MW-06 (discussed above), all these wells were below 1.0 µg/L or ND.

Please call me with any questions or comments at (716) 856-5636.

Sincerely,

URS Corporation

Jon Sundquist
Project Manager

cc: File: 11176919\ C-1

FIGURES

J:\Projects\11173142.00000\DB\GIS\wgcon_201711.mxd 1/31/2018 MDL

N

MW-07-11, 839.36
MW-07-07, 859.78
MW-07-10, 839.30
MW-27, 863.52
840
MW-07-03, 875.86
MW-07-08, 873.93
MW-07-09, 839.32
MW-07-02, 876.01
MW-07-05, 875.51
845
MW-25, 847.13
850
855
860
865
870
MW-20, 873.70
MW-07-06, 875.48
875
MW-07-04, 875.88
BILLATA AVE
MW-15, 873.96
SALLIDA
AVENUE A
AVENUE B
MW-28R, 878.34
MW-24, 840.06
NW-06, 864.61
MW-17, 868.96
NW-05, 868.96
MW-14, 874.32
MW-19R, 877.33
LOIS AVE.
NOWLAN
MW-03, 868.92
MW-09, 877.69
HASTINGS ST.
MW-21, 867.70
MW-07R, 874.43
MW-02, 874.67
840
TCMF
MW-06, 873.95
880
MW-22, 875.82
NW-07, 872.66
CAE BUILDING
MW-11, 874.46
MW-10, 882.29
BECKWITH AVE.
MW-23, 837.50
CHENANGO ST.
UTICA AVE.
CAE-MW-03, 872.68
FRANKLIN AVE.

Legend

- Monitoring Well
- 870 — Groundwater Elevation Contour
- Groundwater Flow Direction
- MW-23, 835.26 (Location ID; Groundwater Elevation (ft amsl))

300 0 300 Feet

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NYSDEC C.A.E. ELECTRONICS - BINGHAMTON, NEW YORK
GROUNDWATER ELEVATION CONTOUR MAP
(NOVEMBER 2017)

FIGURE 1

J:\Projects\11173142.00000\DB\GIS\GW ANALYTICAL - TCE ONLY (JULY 2013 & NOV 2017).mxd 1/31/2018 MDL

N

MW-07-11 | 07/13 | 11/17
VOCs:
Trichloroethene | ND | 0.25

MW-07-10 | 07/13 | 11/17
VOCs:
Trichloroethene | 3 | 0.71

MW-27 | 07/13 | 11/17
VOCs:
Trichloroethene | ND | 1.2

MW-07-07 | 07/13 | 11/17
VOCs:
Trichloroethene | 2.4 | 2

MW-07-03 | 07/13 | 11/17
VOCs:
Trichloroethene | ND | 0.39

MW-07-08 | 07/13 | 11/17
VOCs:
Trichloroethene | 2.4 | 0.87

MW-07-09 | 07/13 | 11/17
VOCs:
Trichloroethene | ND | 0.59

MW-07-06 | 07/13 | 11/17
VOCs:
Trichloroethene | 3.6 | 1

MW-07-02 | 07/13 | 11/17
VOCs:
Trichloroethene | ND | 0.35

MW-20 | 07/13 | 11/17
VOCs:
Trichloroethene | 12 | 0.9

MW-07-05 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.9 | 1.2

MW-25 | 07/13 | 11/17
VOCs:
Trichloroethene | 2.6 | 1.3

MW-07R | 11/17
VOCs:
Trichloroethene | 0.9

MW-15 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.6 | 0.76

MW-07-04 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.8 | 0.78

MW-17 | 07/13 | 11/17
VOCs:
Trichloroethene | 190 | 67

NW-05 | 07/13 | 11/17
VOCs:
Trichloroethene | ND | 0.31

MW-14 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.1 | 0.79

MW-28R | 07/13 | 11/17
VOCs:
Trichloroethene | 1.8 | 1.1

NW-06 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.1 | 0.5

MW-19R | 11/17
VOCs:
Trichloroethene | 0.59

MW-24 | 11/17
VOCs:
Trichloroethene | 0.66

MW-09 | 07/13 | 11/17
VOCs:
Trichloroethene | 2.4 | 1.2

MW-21 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.9 | 0.79

MW-02 | 11/17
VOCs:
Trichloroethene | 0.62

MW-06 | 11/17
VOCs:
Trichloroethene | 12

MW-03 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.6 | 1.8

MW-10 | 07/13 | 11/17
VOCs:
Trichloroethene | 3.2 | 1.8

NW-07 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.7 | 0.98

MW-22 | 07/13 | 11/17
VOCs:
Trichloroethene | ND | 2

MW-23 | 11/17
VOCs:
Trichloroethene | ND

MW-11 | 07/13 | 11/17
VOCs:
Trichloroethene | 1.4 | 1.8

CAE-MW-03 | 11/17
VOCs:
Trichloroethene | ND

CORNELL AVE
CHENANGO ST
HADSELL RD
RONAN ST
DOROTHY ST
EVERETT ST
GORDEN ST
WARREN M ANDERSON EXPWY
HOTCHKISS AVE
HOYT AVE
GILMORE
ALIDA AVE
ELWELL AVE
NOWLAN RD
UTICA AVE
FRANKLIN AVE
CENTER ST
FENTON AVE

Legend

Monitoring Well

Sample ID — Sample Date

MW-10 | 07/13
VOCs:
Trichloroethene | 3.2

Compound — Result (UG/L)

NOTES:
ND - Not Detected

300 0 300 Feet

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NYSDEC C.A.E. ELECTRONICS - BINGHAMTON, NEW YORK
GROUNDWATER ANALYTICAL - TRICHLOROETHENE RESULTS
(JULY 2013 & NOVEMBER 2017)

FIGURE 2

TABLES

TABLE 1
C.A.E. ELECTRONICS SITE
GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
CAE-MW-03 MNW	782554.6632	1009053.0144	898.20	NA	898.20	A	11/2/2017 1110	25.52	872.68	0.00	872.68	
MW-02 MNW	783383.207	1009459.279	899.69	900.22	900.22	A	11/2/2017 1125	25.55	874.67	0.00	874.67	
MW-03 MNW	783403.161	1008886.096	899.59	899.59	899.33	A	11/2/2017 1035	30.41	868.92	0.00	868.92	
MW-06 MNW	783235.980	1009413.851	899.50	900.22	900.17	A	11/2/2017 1135	26.22	873.95	0.00	873.95	
MW-07-02 MNW	784666.81836	1010644.8491	898.12	898.12	897.81	A	11/2/2017 0915	21.80	876.01	0.00	876.01	
MW-07-03 MNW	785056.7805	1010587.3720	898.9	898.90	898.58	A	11/2/2017 0835	22.72	875.86	0.00	875.86	
MW-07-04 MNW	784104.04104	1010105.6539	903.22	903.22	902.79	A	11/2/2017 0900	26.91	875.88	0.00	875.88	
MW-07-05 MNW	784388.95257	1009963.7687	904.95	904.95	904.72	A	11/2/2017 0845	29.21	875.51	0.00	875.51	
MW-07-06 MNW	784227.31447	1009679.0257	904.05	904.05	903.76	A	11/1/2017 1630	28.28	875.48	0.00	875.48	
MW-07-07 MNW	785405.03419	1009840.5590	894.01	894.01	893.75	A	11/1/2017 1610	33.97	859.78	0.00	859.78	
MW-07-08 MNW	784830.89057	1009599.5579	895.88	895.88	895.66	A	11/2/2017 0820	21.73	873.93	0.00	873.93	
MW-07-09 MNW	784711.92403	1008598.1021	853.33	853.33	853.03	A	11/1/2017 1400	13.71	839.32	0.00	839.32	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:
A Aquifer

Type:
MNW Monitoring Well
PZ Piezometer

TABLE 1
C.A.E. ELECTRONICS SITE
GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-07-10 MNW	785289.03552	1008837.5839	856.88	856.88	856.40	A	11/1/2017 1420	17.10	839.30	0.00	839.30	
MW-07-11 MNW	785744.55109	1009121.4373	857.57	857.57	857.12	A	11/1/2017 1440	17.76	839.36	0.00	839.36	
MW-07R MNW	783368.052	1009239.301	897.18	897.18	896.58	A	11/2/2017 1100	22.15	874.43	0.00	874.43	
MW-09 MNW	783434.54	1009930.42	902.1	902.78	901.82	A	11/2/2017 1050	24.13	877.69	0.00	877.69	
MW-10 MNW	783110.32	1009908.28	901.2	903.43	903.31	A	11/2/2017 1045	21.02	882.29	0.00	882.29	
MW-11 MNW	783091.739	1009374.519	898.70	900.07	899.63	A	11/2/2017 1145	25.17	874.46	0.00	874.46	
MW-14 MNW	783529.20	1009325.92	897.7	897.65	897.19	A	11/2/2017 0945	22.87	874.32	0.00	874.32	
MW-15 MNW	783688.49	1009313.79	899.3	899.34	898.91	A	11/2/2017 0935	24.95	873.96	0.00	873.96	
MW-17 MNW	783603.343	1008899.825	NA	NA	898.02	A	11/2/2017 1010	29.06	868.96	0.00	868.96	
MW-19R MNW	783487.831	1009653.617	900.83	900.83	900.13	A	11/2/2017 0920	22.80	877.33	0.00	877.33	
MW-20 MNW	784255.312	1009355.534	NA	NA	901.46	A	11/1/2017 1650	27.76	873.70	0.00	873.70	
MW-21 MNW	783341.391	1008608.369	899.75	899.84	899.68	A	11/1/2017 1535	31.98	867.70	0.00	867.70	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:
A Aquifer

Type:
MNW Monitoring Well
PZ Piezometer

TABLE 1
C.A.E. ELECTRONICS SITE
GROUNDWATER ELEVATIONS

Location ID / Type	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Geol. Zone	Date / Time	Depth to Water (ft)	Water Elev. (ft)	Product Thick. (ft)	Corrected Water Elev. (ft)	Remark
MW-22 MNW	783205.52	1009557.49	900.50	902.48	902.41	A	11/2/2017 1140	26.59	875.82	0.00	875.82	
MW-23 MNW	782908.346	1007833.498	852.34	NA	852.34	A	11/1/2017 1555	14.84	837.50	0.00	837.50	
MW-24 MNW	783589.453	1008120.387	878.80	878.77	878.59	A	11/1/2017 1545	38.53	840.06	0.00	840.06	
MW-25 MNW	784281.169	1008519.761	NA	NA	854.26	A	11/1/2017 1510	7.13	847.13	0.00	847.13	
MW-27 MNW	785233.10	1009349.92	891.0	890.97	890.37	A	11/1/2017 1455	26.85	863.52	0.00	863.52	
MW-28R MNW	783673.1878	1009923.4735	901.5	901.50	900.93	A	11/2/2017 1000	22.59	878.34	0.00	878.34	
NW-05 MNW	783528.861	1008866.379	899.16	899.16	898.77	A	11/2/2017 1020	29.81	868.96	0.00	868.96	
NW-06 MNW	783574.210	1008532.173	887.56	887.56	887.15	A	11/1/2017 1520	22.54	864.61	0.00	864.61	
NW-07 MNW	783129.625	1009134.942	894.5	894.50	894.25	A	11/2/2017 0800	21.59	872.66	0.00	872.66	

NM - No Measurement

The value noted in the column labeled Specific Gravity is an assumed value for free product, if found.

Geologic Zone:
A Aquifer

Type:
MNW Monitoring Well
PZ Piezometer

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			CAE-MW-03	MW-02	MW-03	MW-03	MW-06
Sample ID			CAE-MW-03	MW-02	MW-03	MW-03	MW-06
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	11/02/17	07/25/13	11/02/17	11/02/17
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5				0.89 J	
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1				0.21 J	
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					0.37 J
Acetone	UG/L	50	2.5 BJ	2.3 BJ		2.4 J	2.3 BJ
Chloroform	UG/L	7		0.25 J			
Cyclohexane	UG/L	NS		0.40 J			
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5		0.50 J			0.45 J
Trichloroethene	UG/L	5		0.62 J	1.6	1.8	12

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-07-02	MW-07-02	MW-07-03	MW-07-03	MW-07-04
Sample ID			MW-07-02	MW-07-02	MW-07-03	MW-07-03	MW-07-04
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/25/13	11/02/17	07/25/13	11/02/17	07/25/13
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		1.6 J			
Chloroform	UG/L	7		0.29 J		0.24 J	
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5		0.45 J			
Trichloroethene	UG/L	5		0.35 J		0.39 J	1.8

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-07-04	MW-07-05	MW-07-05	MW-07-06	MW-07-06
Sample ID			MW-07-04	MW-07-05	MW-07-05	MW-07-06	MW-07-06
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/25/13	11/02/17	07/24/13	11/01/17
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	0.66 J				
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1	0.29 J		0.23 J		
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	2.4 J		1.8 J		1.6 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5			0.35 J		
Trichloroethene	UG/L	5	0.78 J	1.9	1.2	3.6	1.0

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-07-07	MW-07-07	MW-07-08	MW-07-08	MW-07-08
Sample ID			MW-07-07	MW-07-07	FD-1-072513	MW-07-08	MW-07-08
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/24/13	11/01/17	07/25/13	07/25/13	11/02/17
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					0.34 J
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1		0.24 J			0.19 J
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		2.6 J			3.1 J
Chloroform	UG/L	7		0.80 J			
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	2.4	2.0	2.4	2.2	0.87 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

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TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-07-09	MW-07-09	MW-07-10	MW-07-10	MW-07-10
Sample ID			MW-07-09	MW-07-09	FD-1-072413	MW-07-10	MW-07-10
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/24/13	11/01/17	07/24/13	07/24/13	11/01/17
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					0.28 J
Acetone	UG/L	50		1.9 J			2.9 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5		0.60 J			0.91 J
Trichloroethene	UG/L	5		0.59 J	2.0	3.0	0.71 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-07-11	MW-07-11	MW-07R	MW-09	MW-09
Sample ID			MW-07-11	MW-07-11	MW-07R	FD-2-072513	MW-09
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/24/13	11/01/17	11/02/17	07/25/13	07/25/13
Parameter	**Units**	**Criteria***				Field Duplicate (1-1)	
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5			0.47 J		
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		3.3 J	2.7 BJ		
Chloroform	UG/L	7	1.2	3.5			
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5		0.25 J	0.90 J		2.4

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

Advanced Selection: amk-tem
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[LOGDATE] > #1/13/2013# AND [UNITS] = 'UG/L' AND [LOCID] <> 'FIELDQC

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-09	MW-10	MW-10	MW-11	MW-11
Sample ID			MW-09	MW-10	MW-10	MW-11	MW-11
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/25/13	11/02/17	07/25/13	11/02/17
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		3.0	1.6	1.1	0.83 J
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	2.6 BJ		1.8 J		3.0 BJ
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5			0.40 J		
Toluene	UG/L	5					
Trichloroethene	UG/L	5	1.2	3.2	1.8	1.4	1.8

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-14	MW-14	MW-15	MW-15	MW-17
Sample ID			MW-14	MW-14	MW-15	MW-15	MW-17
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/25/13	11/02/17	07/25/13	11/02/17	07/25/13
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		0.51 J		0.48 J	4.9
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1		0.23 J			1.6
1,1-Dichloroethene	UG/L	5					3.7
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		2.3 J		2.0 J	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	1.1	0.79 J	1.6	0.76 J	190

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

Advanced Selection: amk-tem
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[LOGDATE] > #1/13/2013# AND [UNITS] = 'UG/L' AND [LOCID] <> 'FIELDQC

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-17	MW-17	MW-19R	MW-19R	MW-20
Sample ID			FD-110217-2	MW-17	FD-110217-1	MW-19R	MW-20
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	11/02/17	11/02/17	11/02/17	07/25/13
Parameter	**Units**	**Criteria***	Field Duplicate (1-1)		Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5	3.5	2.2			
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1	1.1	1.0			
1,1-Dichloroethene	UG/L	5	1.7	1.0			
1,2-Dichloroethene (cis)	UG/L	5	0.35 J	0.36 J			
Acetone	UG/L	50	2.8 J		2.9 J	2.6 J	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	67	41	0.59 J	0.50 J	12

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-20	MW-21	MW-21	MW-21	MW-22
Sample ID			MW-20	MW-21	FD-110117	MW-21	MW-22
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/01/17	07/24/13	11/01/17	11/01/17	07/25/13
Parameter	**Units**	**Criteria***			Field Duplicate (1-1)		
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		1.2	0.88 J	0.97 J	
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5		9.7	4.3	4.5	
1,1,2-Trichloroethane	UG/L	1	0.16 J				
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50			4.2 J	9.6	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5	0.90 J	1.9	0.78 J	0.79 J	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-22	MW-23	MW-24	MW-25	MW-25
Sample ID			MW-22	MW-23	MW-24	MW-25	MW-25
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	11/01/17	11/01/17	07/24/13	11/01/17
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					0.47 J
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					0.19 J
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		2.4 J	6.0		1.2 J
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5		0.28 J			
Trichloroethene	UG/L	5	2.0		0.66 J	2.6	1.3

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

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Concentration Exceeds Criteria

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B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			MW-27	MW-27	MW-28R	MW-28R	NW-05
Sample ID			MW-27	MW-27	MW-28R	MW-28R	NW-05
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			07/24/13	11/01/17	07/25/13	11/02/17	07/25/13
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5					
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5					
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50		3.6 J		1.9 J	
Chloroform	UG/L	7					
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5					
Trichloroethene	UG/L	5		1.2	1.8	1.1	

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

J - The reported concentration is an estimated value.

B - The reported concentration is above the method detection limit but below the quantitation limit.

Only Detected Results Reported.

TABLE 2
C.A.E. ELECTRONICS
GROUNDWATER ANALYTICAL RESULTS SUMMARY - DETECTED RESULTS ONLY
2013 AND 2017 SAMPLING EVENTS

Location ID			NW-05	NW-06	NW-06	NW-07	NW-07
Sample ID			NW-05	NW-06	NW-06	NW-07	NW-07
Matrix			Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Depth Interval (ft)			-	-	-	-	-
Date Sampled			11/02/17	07/24/13	11/01/17	07/25/13	11/02/17
Parameter	**Units**	**Criteria***					
Volatile Organic Compounds							
1,1,1-Trichloroethane	UG/L	5		1.4	0.63 J		0.41 J
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/L	5		4.8	1.1		
1,1,2-Trichloroethane	UG/L	1					
1,1-Dichloroethene	UG/L	5					
1,2-Dichloroethene (cis)	UG/L	5					
Acetone	UG/L	50	2.1 J		4.2 J		2.2 J
Chloroform	UG/L	7	0.23 J				
Cyclohexane	UG/L	NS					
Tetrachloroethene	UG/L	5					
Toluene	UG/L	5	0.30 J				
Trichloroethene	UG/L	5	0.31 J	1.1	0.50 J	1.7	0.98 J

*Criteria- NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998, Revised April 2000, Class GA.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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Only Detected Results Reported.

Advanced Selection: amk-tem
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[LOGDATE] > #1/13/2013# AND [UNITS] = 'UG/L' AND [LOCID] <> 'FIELDQC

APPENDIX A

PDB WELL SAMPLING LOGS

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: CAE - MW-03
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☒ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 37.8
10. Screened interval/open hole (fbgs) _____
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1605
15. Depth to Ground Water Depth to ground water at time of deployment 25.35
16. Date and Time of Retrieval Date: 11/2/17 Time: 1110
17. Depth to Ground Water Depth to ground water at time of retrieval 25.55
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~35'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-02
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☒ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 32.7
10. Screened interval/open hole (fbgs) 23-33
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1520
15. Depth to Ground Water Depth to ground water at time of deployment 25.12
16. Date and Time of Retrieval Date: 11/2/17 Time: 1125
17. Depth to Ground Water Depth to ground water at time of retrieval 25.55
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~30			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-03
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 37.1
10. Screened interval/open hole (fbgs) 23.3 - 38.3
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1355
15. Depth to Ground Water Depth to ground water at time of deployment 30.38'
16. Date and Time of Retrieval Date: 11/2/17 Time: 1035
17. Depth to Ground Water Depth to ground water at time of retrieval 30.41
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    - ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    - ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    - ☐ Attached to bottom of PDBS and suspended in well
    - ☐ Attached to bottom of deployment line and suspended in well
    - ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~34			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    - ☒ **No**, ~~this well is being profiled during this sampling round~~
    - ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    - ☒ **No**, flow testing has not been conducted in this well
    - ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
      Type of flow meter used: _____
      Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-06
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☒ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 42.0 (well silted up)
10. Screened interval/open hole (fbgs) 40-55
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1535
15. Depth to Ground Water Depth to ground water at time of deployment 25.91
16. Date and Time of Retrieval Date: 11/2/17 Time: 1135
17. Depth to Ground Water Depth to ground water at time of retrieval 26.22
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    - ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    - ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    - ☐ Attached to bottom of PDBS and suspended in well
    - ☐ Attached to bottom of deployment line and suspended in well
    - ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~41'	SET ON BOTTOM		

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    - ☒ **No**, ~~this well is being profiled during this sampling round~~
    - ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    - ☒ **No**, flow testing has not been conducted in this well
    - ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
      Type of flow meter used: _____
      Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-02
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 24.40
10. Screened interval/open hole (fbgs) 15-25
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1420
15. Depth to Ground Water Depth to ground water at time of deployment 21.75
16. Date and Time of Retrieval Date: 11/2/17 Time: 0915
17. Depth to Ground Water Depth to ground water at time of retrieval 21.80
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~23			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-03
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 26.80
10. Screened Interval/open hole (fbgs) 17.5 - 27.5
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1445
15. Depth to Ground Water Depth to ground water at time of deployment 22.58
16. Date and Time of Retrieval Date: 11/2/17 Time: 0835
17. Depth to Ground Water Depth to ground water at time of retrieval 22.72
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-04
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs): 32.10
10. Screened interval/open hole (fbgs): 22.5 - 32.5
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot): Screen Slot Size 0.010"
14. Date and Time of Deployment: Date: 10/10/17 Time: 1600
15. Depth to Ground Water: Depth to ground water at time of deployment 26.78
16. Date and Time of Retrieval: Date: 11/2/17 Time: 0900
17. Depth to Ground Water: Depth to ground water at time of retrieval 26.91
18. Type of Deployment Line Used: Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight: 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used:
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS: Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight:
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~29			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment: Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval: Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-05
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 30.30
10. Screened interval/open hole (fbgs) 20-30'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1500
15. Depth to Ground Water Depth to ground water at time of deployment 28.80
16. Date and Time of Retrieval Date: 11/2/17 Time: 0845
17. Depth to Ground Water Depth to ground water at time of retrieval 29.21
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~29.80 (on bottom)			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-06
4. Well Permit Number: _____

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 31.50
10. Screened interval/open hole (fbgs) 22-32'
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1510
15. Depth to Ground Water Depth to ground water at time of deployment 27.81
16. Date and Time of Retrieval Date: 11/1/17 Time: 1630
17. Depth to Ground Water Depth to ground water at time of retrieval 28.28
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~29'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐Sunny ☐Overcast ☒Raining ☐Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-07
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 38-20
10. Screened interval/open hole (fbgs) 28-38
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1415
15. Depth to Ground Water Depth to ground water at time of deployment 33.87
16. Date and Time of Retrieval Date: 11/1/17 Time: 1610
17. Depth to Ground Water Depth to ground water at time of retrieval 33.97
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~36			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-08
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 26.70
10. Screened interval/open hole (fbgs) 17-27
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1430
15. Depth to Ground Water Depth to ground water at time of deployment 21.49
16. Date and Time of Retrieval Date: 11/2/17 Time: 0820
17. Depth to Ground Water Depth to ground water at time of retrieval 21.73
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~24.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-09
4. Well Permit Number: _____

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 21.60
10. Screened interval/open hole (fbgs) 9-22'
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1130
15. Depth to Ground Water Depth to ground water at time of deployment 17.62'
16. Date and Time of Retrieval Date: 11/1/17 Time: 1400
17. Depth to Ground Water Depth to ground water at time of retrieval 13.71'
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~20			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐Sunny ☒Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐Sunny ☐Overcast ☒Raining ☐Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-10
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 24.45
10. Screened interval/open hole (fbgs) 15-25
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1148
15. Depth to Ground Water Depth to ground water at time of deployment 21.09'
16. Date and Time of Retrieval Date: 11/1/17 Time: 1420
17. Depth to Ground Water Depth to ground water at time of retrieval 17.10'
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~23'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07-11
4. Well Permit Number: _____

5. Type of Well: ☒Monitoring ☐Extraction ☐Residential ☐Public Supply ☐Irrigation ☐Other
6. Well Surface Finish: ☐Stick Up ☒Flush Mount
7. Location of Measuring Point: ☐Top of Casing ☒Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 27.78
10. Screened interval/open hole (fbgs) 13-28
11. Well Casing: Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒PVC ☐Carbon Steel ☐Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1217
15. Depth to Ground Water Depth to ground water at time of deployment 21.85'
16. Date and Time of Retrieval Date: 11/1/17 Time: 1440
17. Depth to Ground Water Depth to ground water at time of retrieval 17.76'
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐Attached to bottom of PDBS and suspended in well
    ☐Attached to bottom of deployment line and suspended in well
    ☒Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒**No**, ~~this well is being profiled during this sampling round~~
    ☐**Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒**No**, flow testing has not been conducted in this well
    ☐**Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind Light ☐Sunny ☒Overcast ☐Raining ☐Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind Light ☐Sunny ☐Overcast ☒Raining ☐Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-07R
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 38.0
10. Screened interval/open hole (fbgs) 19-39
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1500
15. Depth to Ground Water Depth to ground water at time of deployment 21.69
16. Date and Time of Retrieval Date: 11/2/17 Time: 1100
17. Depth to Ground Water Depth to ground water at time of retrieval 22.15
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~36			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-09
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☒ Stick Up Slight ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 35.2
10. Screened interval/open hole (fbgs) 20-35
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1450
15. Depth to Ground Water Depth to ground water at time of deployment 23.88
16. Date and Time of Retrieval Date: 11/2/17 Time: 1050
17. Depth to Ground Water Depth to ground water at time of retrieval 24.13
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~27			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-10
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☒ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 32.10
10. Screened interval/open hole (fbgs) 15-30'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1438
15. Depth to Ground Water Depth to ground water at time of deployment 22.12
16. Date and Time of Retrieval Date: 11/2/17 Time: 1045
17. Depth to Ground Water Depth to ground water at time of retrieval 21.02
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-11
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☒ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 39.0
10. Screened interval/open hole (fbgs) 25-40
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1545
15. Depth to Ground Water Depth to ground water at time of deployment 24.57
16. Date and Time of Retrieval Date: 11/2/17 Time: 1145
17. Depth to Ground Water Depth to ground water at time of retrieval 25.17
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    - ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    - ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    - ☐ Attached to bottom of PDBS and suspended in well
    - ☐ Attached to bottom of deployment line and suspended in well
    - ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~32			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    - ☒ **No**, ~~this well is being profiled during this sampling round~~
    - ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    - ☒ **No**, flow testing has not been conducted in this well
    - ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
      Type of flow meter used: _____
      Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-14
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 32.10
10. Screened interval/open hole (fbgs) 20-35'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1705
15. Depth to Ground Water Depth to ground water at time of deployment 22.40
16. Date and Time of Retrieval Date: 11/2/17 Time: 0945
17. Depth to Ground Water Depth to ground water at time of retrieval 22.87
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~26.75'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-15
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 39.20'
10. Screened interval/open hole (fbgs) 25-40'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1630
15. Depth to Ground Water Depth to ground water at time of deployment 24.39
16. Date and Time of Retrieval Date: 11/2/17 Time: 0935
17. Depth to Ground Water Depth to ground water at time of retrieval 24.95
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
31.75			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-17
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 42.50
10. Screened interval/open hole (fbgs) 30-45
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1305
15. Depth to Ground Water Depth to ground water at time of deployment 28.98
16. Date and Time of Retrieval Date: 11/2/17 Time: 1010
17. Depth to Ground Water Depth to ground water at time of retrieval 29.06
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~37.			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind Light ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-19R
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 26.30
10. Screened interval/open hole (fbgs) 12-27
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1230
15. Depth to Ground Water Depth to ground water at time of deployment 22.58
16. Date and Time of Retrieval Date: 11/2/17 Time: ~~2280~~ 0920
17. Depth to Ground Water Depth to ground water at time of retrieval 22.80
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-20
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 36.60
10. Screened Interval/open hole (fbgs) 35-40
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 15:20
15. Depth to Ground Water Depth to ground water at time of deployment 27.36
16. Date and Time of Retrieval Date: 11/1/17 Time: 16:50
17. Depth to Ground Water Depth to ground water at time of retrieval 27.76
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~37.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-21
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 35.10
10. Screened interval/open hole (fbgs) 32-37
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1305
15. Depth to Ground Water Depth to ground water at time of deployment 31.90
16. Date and Time of Retrieval Date: 11/1/17 Time: 1535
17. Depth to Ground Water Depth to ground water at time of retrieval 31.98
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~33.5'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-22
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☒ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 31.60
10. Screened interval/open hole (fbgs) 15-30
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1525
15. Depth to Ground Water Depth to ground water at time of deployment 26.02
16. Date and Time of Retrieval Date: 11/2/17 Time: 1140
17. Depth to Ground Water Depth to ground water at time of retrieval 26.59
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~28			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-23
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 25.70
10. Screened interval/open hole (fbgs) 12-27
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1335
15. Depth to Ground Water Depth to ground water at time of deployment 17.72
16. Date and Time of Retrieval Date: 11/1/17 Time: 1555
17. Depth to Ground Water Depth to ground water at time of retrieval 17.84
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-24
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 42.80
10. Screened interval/open hole (fbgs) 27-42'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1315
15. Depth to Ground Water Depth to ground water at time of deployment 39.44
16. Date and Time of Retrieval Date: 11/1/17 Time: 1545
17. Depth to Ground Water Depth to ground water at time of retrieval 38.53
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~41			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-25
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 24.23
10. Screened interval/open hole (fbgs) 19-24'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1235
15. Depth to Ground Water Depth to ground water at time of deployment 7.90
16. Date and Time of Retrieval Date: 11/1/17 Time: 1510
17. Depth to Ground Water Depth to ground water at time of retrieval 7.13
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~21.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 10/10/17 Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 11/1/17 Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-27
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☐ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 29.13
10. Screened interval/open hole (fbgs) 19-34
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1400
15. Depth to Ground Water Depth to ground water at time of deployment 26.81
16. Date and Time of Retrieval Date: 11/1/17 Time: 1455
17. Depth to Ground Water Depth to ground water at time of retrieval 26.85
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~28.5			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: MW-28R
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 30.3
10. Screened interval/open hole (fbgs) 16-31'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1250
15. Depth to Ground Water Depth to ground water at time of deployment 22.90
16. Date and Time of Retrieval Date: 11/2/17 Time: 1000
17. Depth to Ground Water Depth to ground water at time of retrieval 22.59
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: NW-05
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 37.20
10. Screened interval/open hole (fbgs) 28-38
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/11/17 Time: 1325
15. Depth to Ground Water Depth to ground water at time of deployment 29.78
16. Date and Time of Retrieval Date: 11/2/17 Time: 1020
17. Depth to Ground Water Depth to ground water at time of retrieval 29.81
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~33'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 65°F Wind LIGHT ☐ Sunny ☒ Overcast ☒ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: NW-06
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) 27.88
10. Screened interval/open hole (fbgs) 18-28
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/10/17 Time: 1250
15. Depth to Ground Water Depth to ground water at time of deployment 22.45
16. Date and Time of Retrieval Date: 11/1/17 Time: 1520
17. Depth to Ground Water Depth to ground water at time of retrieval 22.54
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~25'			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 67°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 45°F Wind LIGHT ☐ Sunny ☐ Overcast ☒ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005

WELL SAMPLING LOG

Checklist for the Submission of Sampling Data for Passive Diffusion Bag Samplers (PDBS)

1. Site: CAE Electronics Site - NYSDEC 704015
2. Location: Hillcrest, NY
3. Well Designation: NW-07
4. Well Permit Number: _____

5. Type of Well: ☒ Monitoring ☐ Extraction ☐ Residential ☐ Public Supply ☐ Irrigation ☐ Other
6. Well Surface Finish: ☐ Stick Up ☒ Flush Mount
7. Location of Measuring Point: ☐ Top of Casing ☒ Other (specify) Top of Riser
8. **NOTE:** PDBS represent a point sample within the screened interval or open hole of the well. It is critical to know the exact depth within the well where the PDBS is deployed. Well construction specifications, which are typically used to determine where to set the PDBS in the well, are measured in feet below ground surface (fbgs). If the depth interval for PDBS deployment is measured from the reference point identified above, the difference between this reference point and the ground surface must be measured and accounted for to determine the proper depth interval to set the PDBS. Please identify below, any differences between the measuring point identified above and actual ground surface at the well head.

   Distance between measuring point and ground surface (ft.) _____
9. Total Well Depth (fbgs) BTOR 23.00'
10. Screened interval/open hole (fbgs) 13 - 23'
11. Well Casing: Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
12. Well Screen (or open hole diameter): Diameter: 2" Material: ☒ PVC ☐ Carbon Steel ☐ Stainless Steel
13. Screen Size (slot) Screen Slot Size 0.010"
14. Date and Time of Deployment Date: 10/12/17 Time: 0810
15. Depth to Ground Water Depth to ground water at time of deployment 21.14
16. Date and Time of Retrieval Date: 11/2/17 Time: 0800
17. Depth to Ground Water Depth to ground water at time of retrieval 21.59
18. Type of Deployment Line Used Diameter: 3/16" Material: Poly
19. Material and Mass (oz.) of PDBS Weight 8oz Stainless Steel (stainless steel recommended)
20. Type of PDBS Used
    ☐ Lab Filled (Modified Trip Blank must be taken at time of deployment)
    ☒ Field Filled (Modified equipment blank of fill water must be taken at time of deployment. If PDBS isn't filled at well head, blank must travel with samplers until last sampler is deployed. Blank is then taken.)
21. Dimensions of PDBS Length (in.) 18 Diameter (in.) 1.75 Filled 350 ml
22. Position of PDBS Weight
    ☐ Attached to bottom of PDBS and suspended in well
    ☐ Attached to bottom of deployment line and suspended in well
    ☒ Attached to bottom of deployment line and resting on bottom of well (preferred)
23. Position of PDBS in Well Screen (ft. from measuring point to center of PDBS)

1st PDBS	2nd PDBS	3rd PDBS	4th PDBS
~22.5' (ON BOTTOM)			

5th PDBS	6th PDBS	7th PDBS	8th PDBS

24. If the saturated portion of the well screen or open hole is greater than 5 feet, has the well been vertically profiled to assess the potential for contaminant stratification?
    ☒ **No**, ~~this well is being profiled during this sampling round~~
    ☐ **Yes**, this well was profiled already. Date when well was profiled: _____
25. If the saturated portion of the well screen or open hole is greater than 10 feet, has the well been flow tested to assess the potential for vertical flow to be present within the well?
    ☒ **No**, flow testing has not been conducted in this well
    ☐ **Yes**, flow testing of this well was conducted. Date of testing: _____
    Type of flow meter used: _____
    Measurements taken every _____ feet **[Please Attach Results]**
26. Weather Conditions During Deployment Temp. 60°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
27. Weather Conditions During Retrieval Temp. 50°F Wind LIGHT ☐ Sunny ☒ Overcast ☐ Raining ☐ Snowing
28. Field Sampling Technician: Name(s) and Company (please print clearly)

Name	Company
Robert J. Murphy	URS Corporation

SOURCE: New Jersey Department of Environmental Protection, *Field Sampling Procedures Manual*, August 2005