



**CONESTOGA-ROVERS
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March 14, 2012

Reference No. 012636-T09

Mr. Richard Conforti
Hazardous Waste Section, Resource Management Division
Michigan Department of Environmental Quality
525 W. Allegan (Constitution Hall)
Lansing, Michigan
U.S.A. 48933

Dear Mr. Conforti:

Re: Groundwater Monitoring Report December 2011 (Q4) and Revised
Facility-Specific Background Development
Former Peregrine (US) Inc. (Peregrine) Coldwater Road Facility
Genesee Township, Michigan

This letter, prepared by Conestoga-Rovers & Associates (CRA) on behalf of Revitalizing Auto Communities Environmental Response Trust (RACER), presents the results of the groundwater sampling event conducted in December 2011 (Q4) at the former Peregrine Coldwater Road Site (Site) located at 1245E Coldwater Road in Genesee Township, near Flint, Michigan. The work was outlined in a work plan submitted to the Michigan Department of Natural Resources and Environment on September 7, 2010 and clarified in a follow up email dated October 28, 2010 (Work Plan). The scope of work for this sampling event was further revised in a letter titled Revised Monitoring Well Installation and Groundwater Monitoring Report dated May 9, 2011. Additional background sampling locations proposed in July 27, 2011 were approved by the Michigan Department of Environmental Quality (MDEQ) during the meeting held on September 14, 2011 and confirmed in a letter received on September 26, 2011 entitled Response to Conestoga-Rovers and Associates July 27, 2011 Letter.

This letter presents the Groundwater Monitoring Report (Report) and summarizes the status of the development of Facility-Specific Background values. This letter includes the following enclosures:

- | | |
|----------|---|
| Figure 1 | 2011 Q4 Monitoring and Perimeter Investigation Locations |
| Figure 2 | Shallow Investigative Groundwater Results |
| Figure 3 | Deep Investigative Groundwater Results |
| Figure 4 | Shallow and Deep Background Groundwater Results |
| Figure 5 | Summary of Groundwater Exceedances - Historical (prior to 2010) |



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Figure 6	Utility Corridor and Perimeter Investigation Results
Figure 7	2012 Q1 Background and Additional Utility Corridor Investigation Locations
Table 1	December 2011 Monitoring Well Network
Table 2	December 2011 Summary of Turbidity Readings
Table 3	December 2011 Groundwater Results Summary
Table 4	December 2011 Borehole Completion Details
Table 5	2012 Q1 Monitoring Well Network
Attachment A	Field Data Records
Attachment B	Data Validation Report
Attachment C	Historical Results for the 2010-2011 Monitoring Well Network
Attachment D	Perimeter Investigation Stratigraphy Logs

1.0 GROUNDWATER MONITORING

The December 2011 (Q4), groundwater monitoring event was conducted between December 5, 2011 and December 8, 2011. Table 1 presents the details of the December 2011 event and Figure 1 presents the monitoring locations.

As accepted in the September 26, 2011 letter, drift aquifer monitoring wells B-2D, B-20D, and B21-D along with perched aquifer monitoring wells B-7, B-18A, B-19A and B-19AR were included in this quarter's sampling to collect data for use in generating Facility-Specific Background values. Nineteen of the twenty wells proposed for this sampling event were sampled via low-flow sampling methods; PFW-4 was inaccessible due to standing water and was therefore not sampled. During low flow purging, if the 5 NTU limit was not achieved with reasonable efforts, samples were collected and analyzed for total and dissolved metals, otherwise samples were analyzed for total metals. In total, 11 of the 19 wells sampled had turbidities greater than 5 NTU (All the drift wells except MW-16-10 and five perched wells).

The field sampling records have been included in Attachment A and a summary of the turbidity readings is presented in Table 2.

All groundwater samples were analyzed for volatile organic compounds (VOCs), total metals, dissolved metals (if 5 NTU maximum target was not achieved), and amenable cyanide.



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The groundwater results were screened against the following generic risk-based cleanup criteria as specified in Part 201 of Michigan's Natural Resources and Environmental Protection Act, Public Act 451, and identified in the DEQ RRD Operational Memorandum No. 1, updated March 25, 2011, pursuant to 1994 PA 451 as amended:

- Groundwater Contact Criteria
- Nonresidential Drinking Water Criteria
- Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria
- Residential Drinking Water Criteria
- Residential Groundwater Volatilization to Indoor Air Inhalation Criteria
- Ground/Surface Water Interface (GSI) Criteria

2.0 RESULTS AND CONCLUSIONS

2.1 SUMMARY

The December 2011 groundwater results are presented on Table 3. All samples were analyzed for VOCs and no exceedances of screening criteria were observed. Metals exceeded screening criteria as follows:

- Five total metals (aluminum, arsenic, iron, manganese, and vanadium) and three dissolved metals (arsenic, iron, and manganese) were identified at concentrations exceeding Residential and/or Nonresidential Drinking Water Criteria
- Two total metals (arsenic and total chromium) and dissolved arsenic were identified at concentrations exceeding GSI Criteria

There were no exceedances of Groundwater Contact Criteria, Residential Groundwater Volatilization to Indoor Air Inhalation Criteria, or Nonresidential Groundwater Volatilization to Indoor Air Inhalation Criteria.

Figures 2, 3, and 4 present summaries of the current exceedances of screening criteria in the: shallow investigative monitoring locations, deep investigative monitoring locations, and background (shallow and deep)/perimeter investigation locations, respectively. Figure 5 presents a summary of the historical exceedances of screening criteria (prior to 2010).

The data validation report for the September 2011 results is presented in Attachment B. Attachment C presents a summary of all groundwater results collected to date.



2.2 SHALLOW INVESTIGATIVE GROUNDWATER MONITORING RESULTS

Constituents exceeding screening criteria in the December 2011 shallow investigative groundwater samples were as follows:

- Three total metals (aluminum, iron, and manganese) and two dissolved metals (iron and manganese) were identified at concentrations exceeding Residential and Nonresidential Drinking Water Criteria

When present, the shallow, saturated sand seams are intermittent and discontinuous in nature and are usually engineered permeable fill placed during the construction of the plant. Based on these factors, the perched groundwater does not appear to migrate to any significant extent. Please see Section 3.1 which describes the additional investigation to determine the extent of shallow groundwater migration.

2.3 DEEP INVESTIGATIVE GROUNDWATER MONITORING RESULTS

Constituents exceeding screening criteria in the December 2011 deep investigative groundwater samples were as follows:

- Five total metals (aluminum, arsenic, iron, manganese, and vanadium) and three dissolved metals (arsenic, iron, and manganese) were identified at concentrations exceeding Residential and/or Nonresidential Drinking Water Criteria.
- Two total metals (arsenic and total chromium) and dissolved arsenic were identified at concentrations exceeding GSI Criteria.

The drift aquifer is separated from the shallow perched seams and historical Site operations by an extensive glacial clay till aquitard approximately 55 feet (ft) thick. As a result of the vertical and horizontal distance to the nearest possible drift aquifer outlet, the GSI pathway does not appear to be applicable for the deep groundwater.



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2.4 BACKGROUND GROUNDWATER MONITORING RESULTS

Constituents exceeding screening criteria in the December 2011 background groundwater samples in the shallow groundwater were as follows:

- Four total and dissolved metals (aluminum, iron, manganese, and vanadium) were identified at concentrations exceeding Residential and/or Nonresidential Drinking Water Criteria
- Two total metals (total chromium and vanadium) were identified at concentrations exceeding GSI Criteria

Constituents exceeding criteria in the December 2011 background groundwater samples in the deep groundwater were as follows:

- Five total metals (aluminum, arsenic, iron, manganese, and vanadium) and three dissolved metals (aluminum, arsenic, and iron) were identified at concentrations exceeding Residential and/or Nonresidential Drinking Water Criteria
- Total and dissolved Arsenic were identified at a concentration exceeding GSI Criteria

3.0 ADDITIONAL ACTIVITIES

3.1 PERIMETER/UTILITY CORRIDOR INVESTIGATION

In addition to sampling the existing background monitoring wells, the MDEQ requested in the September 14, 2011 meeting, followed up by a September 26, 2011 MDEQ letter, that additional shallow groundwater monitoring be conducted at the perimeter of the facility and at utility corridors in order to more fully investigate the potential for off-Site migration of impacted shallow groundwater. RACER proposed investigation activities in the November 11, 2011 response which was approved by MDEQ with clarifications via email correspondence. The following presents a summary of the completed scope for the shallow groundwater investigation at the facility perimeter and utility corridors:

- Two borings were advanced in the utility corridor locations (BH-101 and BH-111) as identified on Figure 1. A groundwater sample was collected from BH-101 and was analyzed for total and dissolved metals and VOCs. However, insufficient water was present in BH-111 to collect a sample. Borehole completion details are presented in Table 4 and the borehole logs are presented in Attachment B.



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- Nine borings were advanced around the perimeter of the Site as identified on Figure 1. A groundwater sample was collected from BH-103 and was analyzed for total and dissolved metals. However, insufficient water was present at the remaining locations to collect a groundwater sample. Borehole completion details are presented in Table 4 and the borehole logs are presented in Attachment B.
- The sewer near BH-101 was opened and no dry weather flow was observed. The sewer near BH-111 could not be located.

Constituents exceeding screening criteria in the December 2011 utility corridor investigation were as follows:

- Eleven total metals (aluminum, arsenic, beryllium, cadmium, total chromium, cobalt, iron, lead, manganese, nickel, and vanadium) and three dissolved metals (aluminum, iron, and manganese) were identified at concentrations exceeding Residential and/or Nonresidential Drinking Water Criteria
- Four total metals (arsenic, total chromium, mercury, and vanadium) were identified at concentrations exceeding GSI Criteria

Figure 6 presents the results of the utility corridor and perimeter investigations. Three metals, for which exceedances were not observed in monitoring wells, were observed at concentrations slightly above criteria as part of the utility corridor investigation at BH-101 (beryllium, cobalt, and nickel). These metals have not exceeded criteria in any of the previous monitoring or background samples as can be seen in Attachment D.

Based on the results of the utility corridor investigation, the utility corridor near BH-111 was not adequately located. The sewer line has now been more accurately located. As such, an additional boring will be completed to collect a groundwater sample from the bedding material surrounding the sewer line leaving the Site to the north. A groundwater sample will be collected from the location and analyzed for total and dissolved metals and VOCs. A dry weather sample, if present, will also be collected from the sewer line and analyzed for total and dissolved metals and VOCs. This work will be completed in conjunction with the Q1 2012 sampling event.

3.2 FACILITY-SPECIFIC BACKGROUND DEVELOPMENT

In accordance with a letter dated July 27, 2011 and approved verbally by the MDEQ during the September 14, 2011 meeting, RACER is completing additional evaluation of background groundwater quality in the vicinity of the property. The letter proposed additional



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investigation of existing background monitoring wells that were to be completed in the remaining two monitoring events for 2011 (Q3 and Q4). Approval from the MDEQ was received verbally during the September 14, 2011 meeting, and as such the background sampling performed for Q3 was also included in the Q4 sampling. Table 1 presents the wells sampled during Q4 2011. MDEQ guidelines recommend a minimum of nine samples be used to develop Facility Specific Background values. To date, nine shallow samples and seven deep samples have been collected for total metals. Additionally, seven shallow and six deep samples have been collected for dissolved metals.

The results of the Facility Specific Background evaluation completed by O'Brien & Gere Engineers, Inc., at the adjacent Coldwater Road Landfill to the north of the Site as documented in a letter dated July 13, 2009, will be used to provide a basis for comparison to the data collected under this program. The July 13, 2009 letter presents a background evaluation for the shallow groundwater zone for dissolved metals. The Facility Specific Background values for the perched zone for dissolved iron and manganese presented in the letter are 1.73 milligrams per Litre (mg/L) and 1.31 mg/L, respectively. We will also consider other data from the Coldwater Road Landfill in our facility-specific evaluation, as appropriate.

3.3 Q1 2012 MONITORING EVENT

Table 5 presents the 2012 Q1 monitoring plan and Figure 7 presents the 2012 Q1 Monitoring locations. The Q1 2012 event will be conducted on March 28, 2012 and will include the following:

- A borehole to be advanced into the sewer line bedding material in the area of BH-111 and a groundwater sample will be collected, if present, and analyzed for total and dissolved metals and VOCs
- A dry weather sewer sample, if present, will be collected from the sewer line in the area of BH-111 and analyzed for total and dissolved metals and VOCs
- Background samples will be collected from three deep wells (B-2D, B-20D and B-21D) and analyzed for total and dissolved metals
- Background samples will be collected from two shallow wells (B-18A and B-19AR) and analyzed for dissolved metals

If during low flow purging, the 5 NTU limit cannot be achieved with reasonable efforts, samples will be collected and analyzed for total and dissolved metals, otherwise samples will be analyzed for total metals.



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As per the original monitoring program, four quarters of monitoring have been completed. As a result the remaining monitoring wells are not proposed to be sampled in Q1 2012.

4.0 SUMMARY

The Q4 monitoring event was completed during the week of December 5, 2011. RACER completed the proposed background groundwater investigation and perimeter/utility corridor investigation during the Q4 monitoring event.

The Q1 2012 event will be conducted in March 2012.

Following validation of the data from the Q1 2012 event, RACER will develop, using MDEQ guidance, Facility-Specific Background values. The groundwater data for the Site will be screened against the Facility-Specific Background values. A report presenting the results will be submitted to the MDEQ.

Should you have any questions on the above, please do not hesitate to contact David Favero with RACER or myself.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Michael R. Tomka, P.E.

RC/kf/12
Encl.

cc: David Favero, RACER (PDF)
Grant Trigger, RACER (paper)

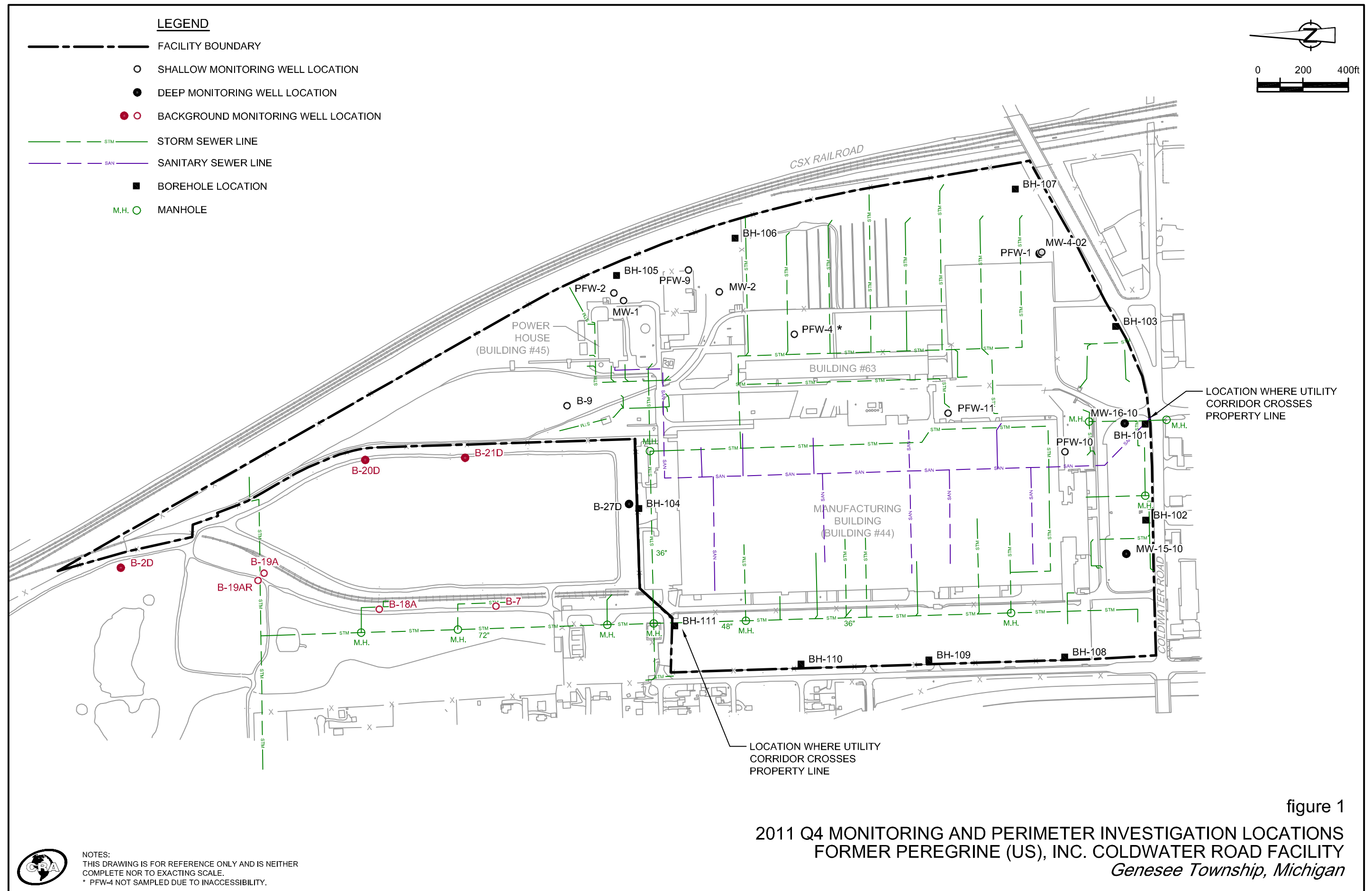


figure 1
 2011 Q4 MONITORING AND PERIMETER INVESTIGATION LOCATIONS
 FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
Genesee Township, Michigan

LEGEND

FACILITY BOUNDARY

○ SHALLOW MONITORING WELL LOCATION

● DEEP MONITORING WELL LOCATION

● BACKGROUND MONITORING WELL LOCATION

STM STORM SEWER LINE

SAN SANITARY SEWER LINE

SAMPLE LOCATION

SAMPLE DATE

RESULT (mg/L)

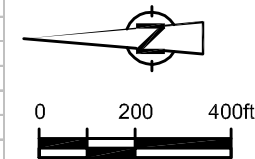
PARAMETER

EXCEEDS CRITERIA

NOTES:
(1) LOCATION NOT SAMPLED DUE TO CLOSE PROXIMITY TO MW-4-02 WHICH HAD A GREATER NUMBER OF EXCEEDANCES.
(2) MW-02 WAS NOT SAMPLED BECAUSE IT REMAINED DRY AFTER DEVELOPMENT.

Chemical Name	a	b	c	d	e	f
Aluminum	64000	0.05	-	0.05	-	-
Aluminum (dissolved)	64000	0.05	-	0.05	-	-
Arsenic	4.3	0.01	-	0.01	-	0.01
Arsenic (dissolved)	4.3	0.01	-	0.01	-	0.01
Chromium	460	0.1	-	0.1	-	0.011
Chromium Total (dissolved)	460	0.1	-	0.1	-	0.011
Iron	58000	0.3	-	0.3	-	-
Iron (dissolved)	58000	0.3	-	0.3	-	-
Lead	-	0.004	-	0.004	-	-
Lead (dissolved)	-	0.004	-	0.004	-	-
Manganese	9100	0.05	-	0.05	-	-
Manganese (dissolved)	9100	0.05	-	0.05	-	-
Mercury	0.056	0.002	0.056	0.002	0.056	0.0000013
Mercury (dissolved)	0.056	0.002	0.056	0.002	0.056	0.0000013
Silver	1500	0.098	-	0.034	-	0.0002
Silver (dissolved)	1500	0.098	-	0.034	-	0.0002
Vanadium	970	0.062	-	0.0045	-	0.012
Vanadium (dissolved)	970	0.062	-	0.0045	-	0.012
Cyanide (total)	57	0.2	-	0.2	-	0.0052

Criteria:	
a - Groundwater Contact Criteria (2011) (GCC[A])	
b - Non Residential Drinking Water Criteria (2011) (NRDWC[B])	
c - Non Residential Groundwater Volatilization to Indoor Air Inhalation Criteria (2011) (NRGVIAIC[C])	
d - Residential Drinking Water Criteria (2011) (RDWC[D])	
e - Residential Groundwater Volatilization to Indoor Air Inhalation Criteria (2011) (RGVIAIC[E])	
f - Groundwater Surface Water Interface Criteria (2011) (GSIF[F])	



MW-4-02	11/29/2010
Metals	
Aluminum	0.157 J (B)
Iron	1.41 (B)
Lead	0.0063 (B)
Manganese	0.426 (B)

PFW-2	12/3/2010	5/13/2011	9/12/2011	12/6/2011
Metals				
Aluminum	0.2 U/0.2 U	0.2 U	0.022 J	0.05 U
Arsenic	0.0032 J/0.005 U	0.005 U	0.005 U	0.005 U
Chromium	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U
Iron	0.701 (BD)/0.684 (BD)	0.541 (BD)	0.97 (BD)	0.36 (BD)
Lead	0.003 U/0.003 U	0.003 U	0.003 U	0.003 U
Manganese	0.963 (BD)/0.91 (BD)	0.581 (BD)	1.4 (BD)	0.54 (BD)
Mercury	0.0002 UJ/0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Silver	0.0002 U/0.0002 U	0.0002 U	0.0002 U	0.0002 U
Vanadium	0.004 U/0.004 U	0.004 U	0.004 U	0.004 U
Wet				
Cyanide (total)	-	-	0.0050 U	0.0050 U

PFW-9	12/2/2010	5/13/2011	9/12/2011	12/6/2011
Metals				
Aluminum	1.3 J (BD)/0.524 J (BD)	0.2 U	0.05 U	0.05 U
Arsenic	0.005 U/0.005 U	0.005 U	0.0033 J	0.005 U
Chromium	0.005 U/0.005 U	0.005 U	0.005 U	0.005 U
Iron	7.78 J (BD)/2.93 J (BD)	0.232	2 (BD)	0.089 J
Lead	0.003 U/0.003 U	0.003 U	0.003 U	0.003 U
Manganese	0.0519 J (BD)/0.0208 J	0.008 J	0.41 (BD)	0.015 U
Mercury	0.0002 UJ/0.0002 UJ	0.0002 U	0.0002 UJ	0.0002 U
Silver	0.0002 U/0.0002 U	0.0002 U	0.0002 U	0.0002 U
Vanadium	0.0015 J/0.004 U	0.004 U	0.004 U	0.004 U
Wet				
Cyanide (total)	-	-	0.0050 U	0.0050 U

MW-3-02	12/2/2010
Metals	
Aluminum	0.2 U
Arsenic	0.005 U
Chromium	0.005 U
Iron	0.0825 J
Lead	0.003 U
Manganese	1.95 (BD)
Mercury	0.0002 UJ
Silver	0.0002 U
Vanadium	0.004 U

MW-2-02	11/29/2010
Metals	
Aluminum	0.2 U
Arsenic	0.005 U
Chromium	0.005 U
Iron	0.1 U
Lead	0.003 U
Manganese	0.576 (BD)
Mercury	0.0002 UJ
Silver	0.0002 U
Vanadium	0.004 U

MW-4-02	11/29/2010	5/11/2011	9/13/2011	12/5/2011
Metals				
Aluminum	0.157 J (BD)	0.101 J (BD)	0.05 U	0.05 U/0.05 U
Arsenic	0.005 U	0.005 U	0.005 U	0.005 U/0.005 U
Chromium	0.005 U	0.005 U	0.005 U	0.005 U/0.005 U
Iron	1.41 (BD)	0.101	0.1 U	0.1 U/0.1 U
Lead	0.0063 (BD)	0.003 U	0.003 U	0.003 U/0.003 U
Manganese	0.426 (BD)	0.0418	0.023 J	0.01 J/0.01 J
Mercury	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U/0.0002 U
Silver	0.0002 U	0.0002 U	0.0002 U	0.0002 U/0.0002 U
Vanadium	0.004 U	0.004 U	0.004 U	0.004 U/0.004 U
Wet				
Cyanide (total)	-	-	0.0050 U	0.0050 U/0.0050 U

MW-1	12/2/2010	5/13/2011	9/12/2011	12/7/2011
Metals				
Aluminum	1.85 (BD)	0.633 (BD)	0.32 (BD)	0.11 (BD)
Arsenic	0.0094	0.005 U	0.005 U	0.0065
Chromium	0.0035 J	0.005 U	0.005 U	0.005 U
Iron	3.59 (BD)	0.857 (BD)	1.2 (BD)	0.24
Lead	0.0142 (BD)	0.0033	0.0033	0.003 U
Manganese	0.164 (BD)	0.0567 (BD)	0.4 (BD)	0.025
Mercury	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Silver	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Vanadium	0.0043	0.004 U	0.004 U	0.0027 J
Wet				
Cyanide (total)	-	-	0.0050 U	0.0050 U

B-9	6/25/2009	11/16/2009	12/3/2010	5/11/2011	9/14/2011	12/7/2011
Metals						
Aluminum	-	-	0.704 (BD)	0.268 (BD)	0.022 J	0.083 (BD)
Arsenic	-	-	0.0033 J	0.005 U	0.005 U	0.005 U
Chromium	-	-	0.005 U	0.005 U	0.005 U	-
Chromium (dissolved)	0.005 U	0.005 U	-	-	-	-
Iron	-	-	1.01 (BD)	0.302 (BD)	0.27	0.14
Iron (dissolved)	0.059	-	-	-	-	-
Lead	-	-	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	-	-	0.391 (BD)	0.211 (BD)	6.8 J (BD)	0.31 (BD)
Manganese (dissolved)	0.173 (BD)	-	-	-	-	-
Mercury	-	-	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Silver	-	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Vanadium	-	-	0.0012 J	0.004 U	0.004 U	0.004 U
Wet						
Cyanide (total)	-	-	-	-	0.0050 U	0.0050 U

MW-2	12/3/2010	5/13/2011	9/12/2011	12/6/2011
Metals				
Aluminum	0.508 (BD)	0.213 (BD)	0.036 J	0.051 (BD)
Aluminum (dissolved)	-	-	0.05 U	0.05 U
Arsenic	0.0279 (BDF)	0.0046 J	0.01	0.005 U
Arsenic (dissolved)	-	-	0.0075	0.005 U
Chromium	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	-	-	0.005 U	0.005 U
Iron	24.8 (BD)	8.27 (BD)	16 (BD)	12 (BD)
Iron (dissolved)	-	-	14 (BD)	11 (BD)
Lead	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	-	-	0.003 U	0.003 U
Manganese	2.12 (BD)	0.541 (BD)	2.5 (BD)	2.6 (BD)
Manganese (dissolved)	-	-	2.7 (BD)	2.6 (BD)
Mercury	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	-	-	0.0002 U	0.0002 U
Silver	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	-	-	0.0002 U	0.0002 U
Vanadium	0.0014 J	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	-	-	0.004 U	0.004 U
Wet				
Cyanide (total)	-	-	0.0050 U	0.0050 U

PFW-4	5/11/2011	9/12/2011
Metals		
Aluminum	3.76 (BD)/3.87 (BD)	0.4 (BD)
Aluminum (dissolved)	-	0.073 (BD)
Arsenic	0.0034 J/0.0035 J	0.0044 J
Arsenic (dissolved)	-	0.0034 J
Chromium	0.0163 (F)/0.0164 (F)	0.005 U
Chromium (dissolved)	-	0.005 U
Iron	5.62 (BD)/5.71 (BD)	0.66 (BD)
Iron (dissolved)	-	0.1 U
Lead	0.0356 (BD)/0.0358 (BD)	0.013 (BD)
Lead (dissolved)	-	0.003 U
Manganese	0.0962 (BD)/0.0982 (BD)	0.031
Manganese (dissolved)	-	0.017
Mercury	0.0002 U/0.0002 U	0.0002 U
Mercury (dissolved)	-	0.0002 U
Silver	0.0002 U/0.0002 U	0.0002 U
Silver (dissolved)	-	0.0002 U
Vanadium	0.0108 (D)/0.0111 (D)	0.0025 J
Vanadium (dissolved)	-	0.0014 J
Wet		
Cyanide (total)	-	0.0058 (F)

PFW-11	12/2/2010	5/13/2011	9/13/2011	12/6/2011
Metals				
Aluminum	1.57 (BD)	0.172 J (BD)	0.031 J	0.077 (BD)
Arsenic	0.005 U	0.005 U	0.005 U	0.005 U
Chromium	0.0053	0.005 U	0.005 U	0.005 U
Iron	2.73 (BD)	0.202	0.1 U	0.096 J
Lead	0.0125 (BD)	0.003 U	0.003 U	0.003 U
Manganese	0.056 (BD)	0.0317	0.055 J (BD)	0.012 J
Mercury	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Silver	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Vanadium	0.0032 J	0.004 U	0.004 U	0.004 U
Wet				
Cyanide (total)	-	-	0.0050 U	0.0050 U

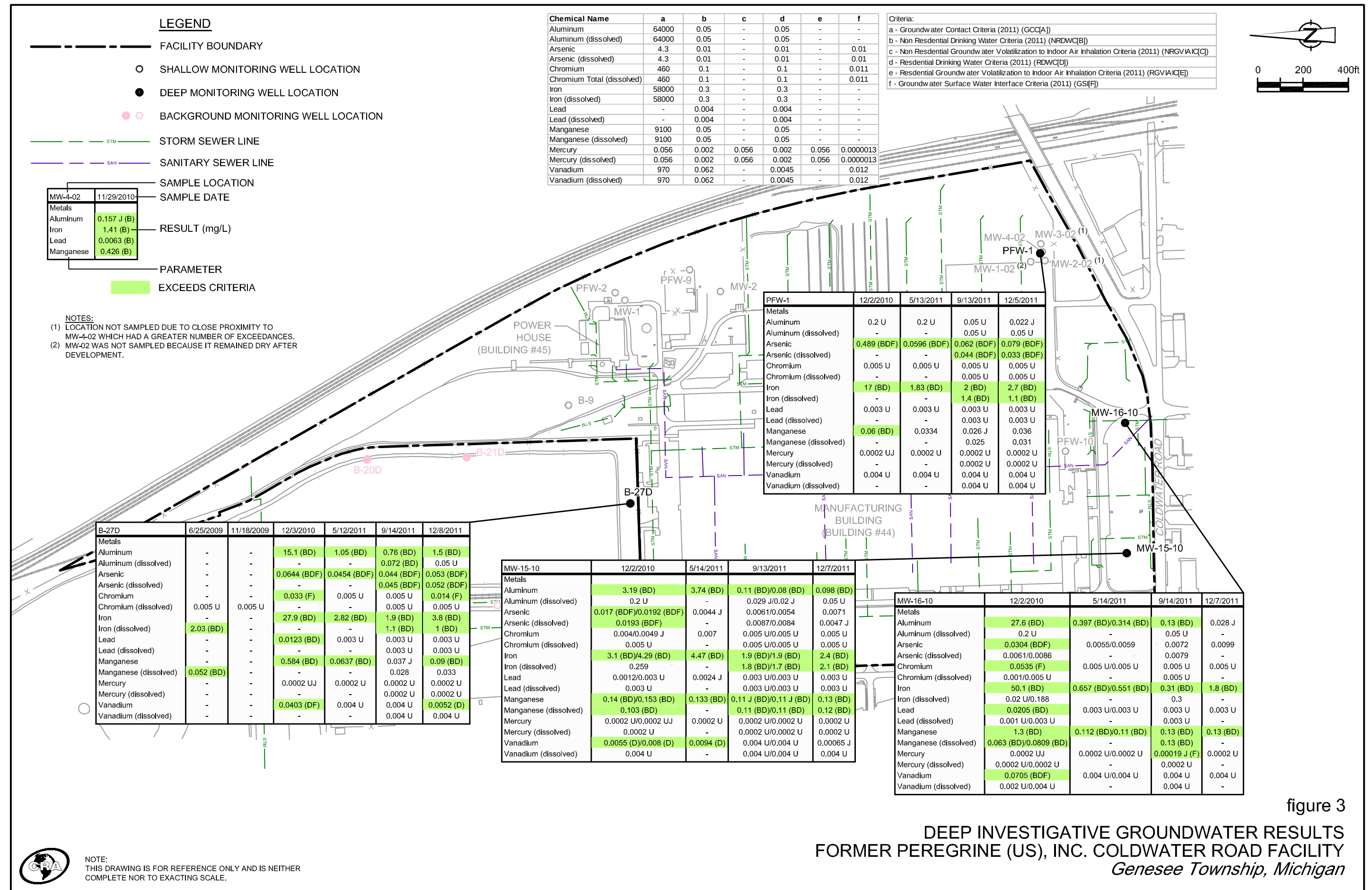
PFW-10	12/3/2010	5/13/2011	9/13/2011	12/6/2011
Metals				
Aluminum	0.2 U	0.2 U	0.05 U	0.05 U
Arsenic	0.005 U	0.005 U	0.005 U	0.005 U
Chromium	0.005 U	0.005 U	0.005 U	0.005 U
Iron	0.1 U	0.1 U	0.1 U	0.1 U
Lead	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	0.16 (BD)	0.0719 (BD)	0.047	0.024
Mercury	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Silver	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Vanadium	0.004 U	0.004 U	0.004 U	0.004 U
Wet				
Cyanide (total)	-	-	0.0050 U	0.0050 U

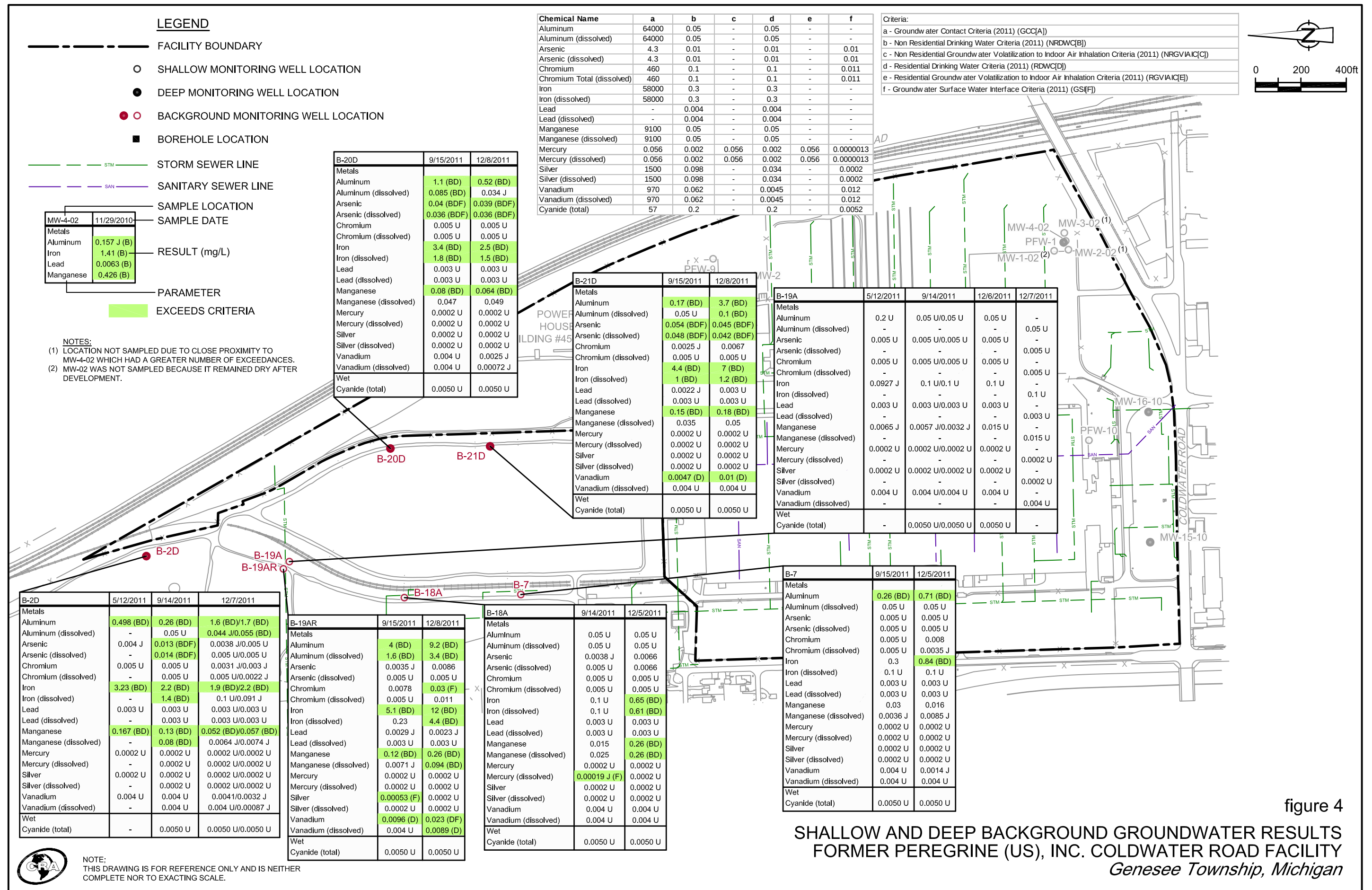
figure 2

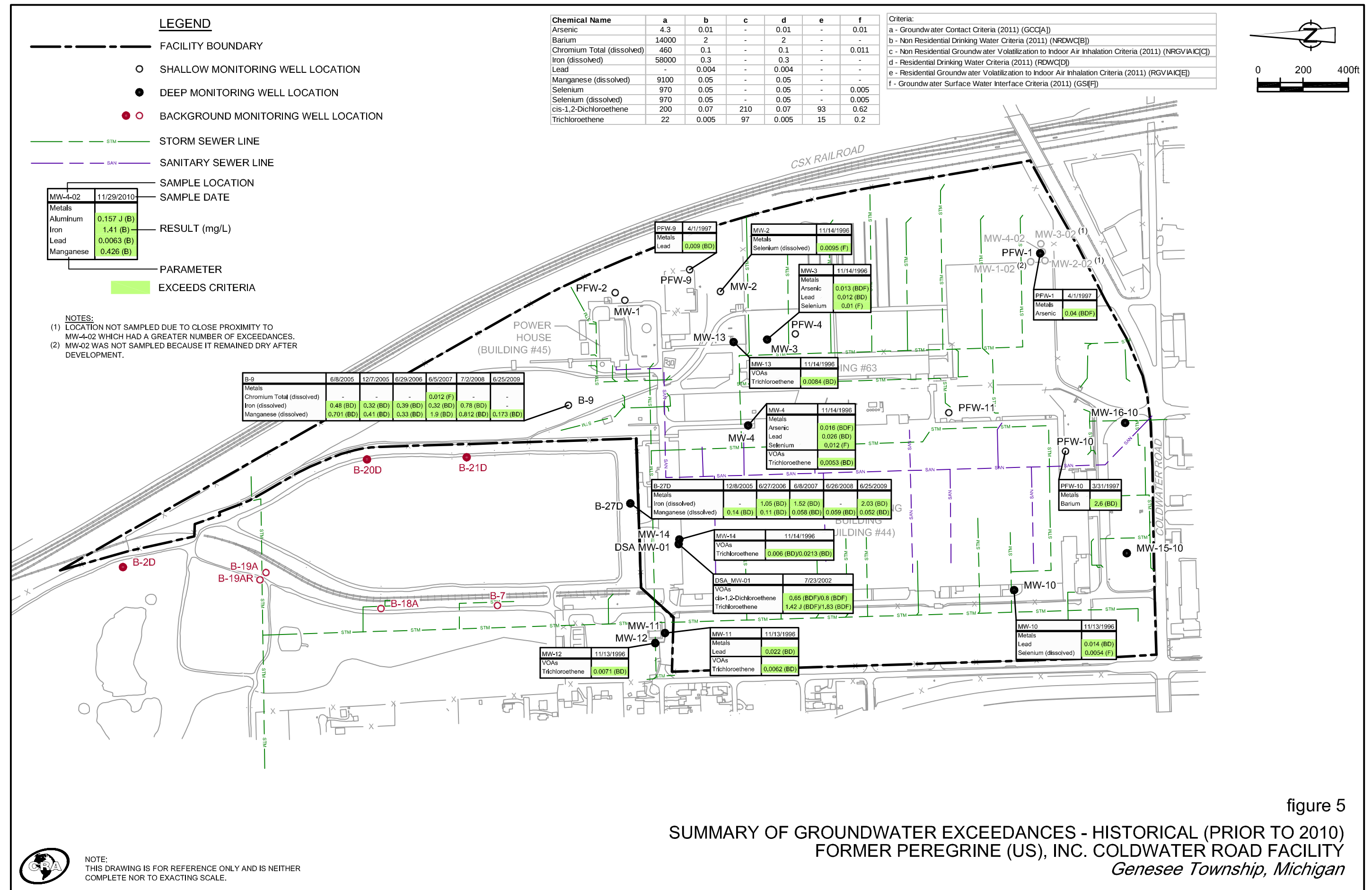
SHALLOW INVESTIGATIVE GROUNDWATER RESULTS
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
Genesee Township, Michigan

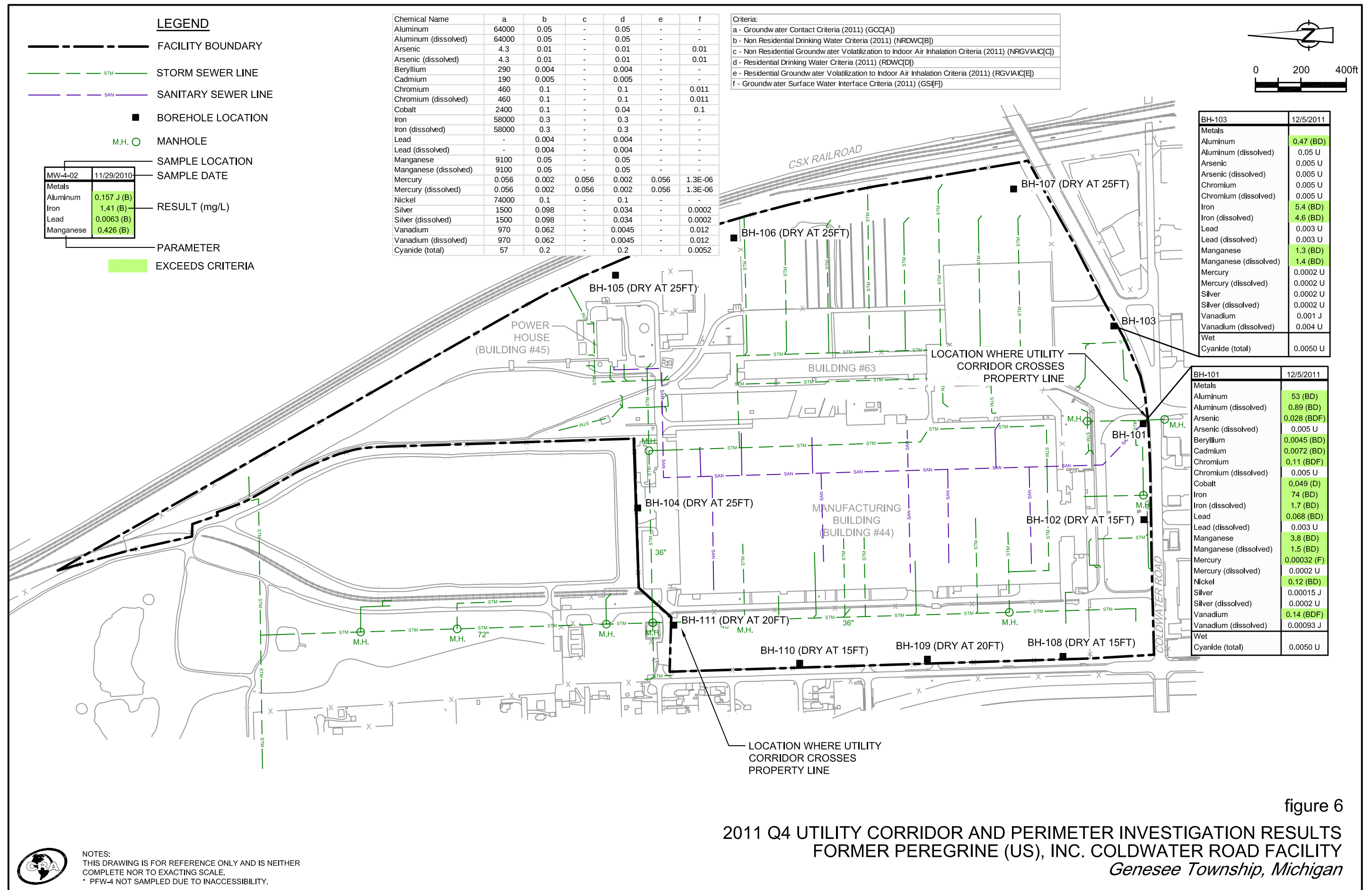


NOTE:
THIS DRAWING IS FOR REFERENCE ONLY AND IS NEITHER
COMPLETE NOR TO EXACTING SCALE.









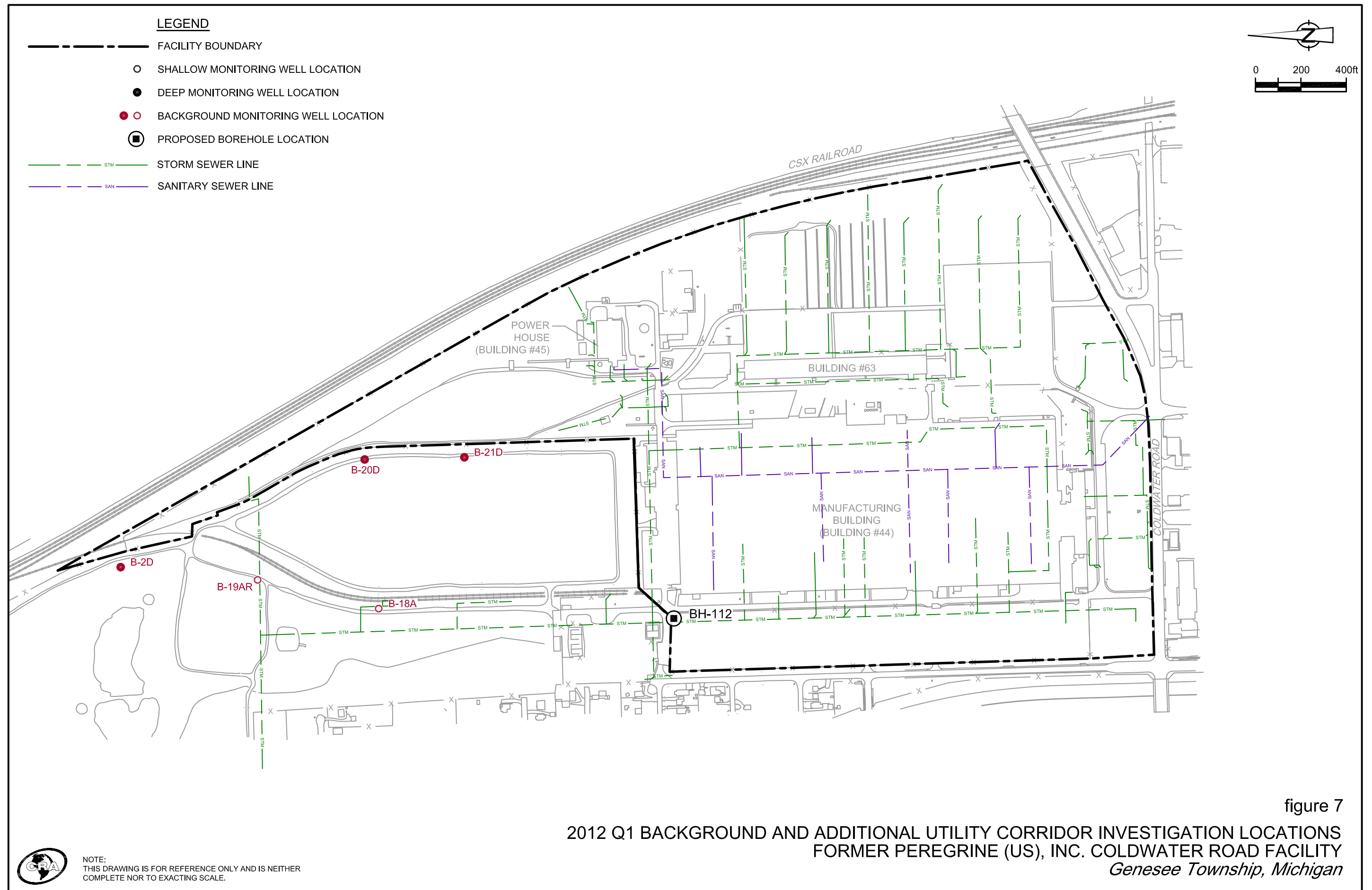


TABLE 1

**DECEMBER 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Monitoring Well</i>	<i>Screened Interval (ft bgs)</i>	<i>Ground Surface Elevation ⁽¹⁾ (ft AMSL)</i>	<i>Top of Casing Elevation ⁽¹⁾ (ft AMSL)</i>	<i>Reference Elevation (Top of Riser) (ft AMSL)</i>		<i>Depth To Water (Below Riser) (ft)</i>	<i>Date</i>	<i>Winter 2011 Event Parameters</i>
<u>Perched Monitoring Wells</u>								
B-7 ⁽⁶⁾	23 to 28	812.07	815.20	N/A	⁽²⁾	22.05	12/05/11	VOCs, Metals, Cyanide
B-9	19 to 24	806.77	808.32	807.67	⁽³⁾	2.29	12/07/11	VOCs, Metals, Cyanide
B-18A ⁽⁶⁾	36 to 41	809.53	812.25	N/A	⁽²⁾	25.43	12/05/11	VOCs, Metals, Cyanide
B-19A ⁽⁶⁾	8.5 to 13.5	810.03	813.13	812.81	⁽⁵⁾	5.38	12/06/11	VOCs, Metals, Cyanide
B-19AR ⁽⁶⁾	34 to 44	810.48	813.15	N/A	⁽²⁾	39.55	12/08/11	VOCs, Metals, Cyanide
MW-1	15 to 25	806.29	806.35	806.08	⁽³⁾	1.10	12/07/11	VOCs, Metals, Cyanide
MW-2	15 to 25	807.22	806.90	806.90		5.66	12/06/11	VOCs, Metals, Cyanide
MW-4-02	10 to 15	807.93	810.77	810.76	⁽⁴⁾	13.10	12/05/11	VOCs, Metals, Cyanide
PFW-2	11.9 to 14.4	807.04	809.94	809.43	⁽³⁾	4.67	12/06/11	VOCs, Metals, Cyanide
PFW-4	8.4 to 13.4	808.17	807.72	807.72		(7)	(7)	VOCs, Metals, Cyanide
PFW-9	6.7 to 9.2	807.41	810.49	810.05	⁽³⁾	5.86	12/06/11	VOCs, Metals, Cyanide
PFW-10	14.2 to 16.7	808.85	808.48	808.48		4.31	12/06/11	VOCs, Metals, Cyanide
PFW-11	8.1 to 10.6	809.63	809.40	809.40		1.27	12/06/11	VOCs, Metals, Cyanide
<u>Drift Aquifer Monitoring Wells</u>								
B-2D ⁽⁶⁾	62 to 72	800.61	804.32	803.97	⁽⁵⁾	55.82	12/07/11	VOCs, Metals, Cyanide
B-20D ⁽⁶⁾	83 to 88	813.37	816.61	N/A	⁽²⁾	70.85	12/08/11	VOCs, Metals, Cyanide
B-21D ⁽⁶⁾	91 to 96	820.06	822.60	N/A	⁽²⁾	82.33	12/08/11	VOCs, Metals, Cyanide
B-27D	77 to 87	810.27	813.15	813.00	⁽³⁾	78.04	12/08/11	VOCs, Metals, Cyanide
MW-15-10	88 to 93	804.89	808.75	808.41	⁽³⁾	78.27	12/07/11	VOCs, Metals, Cyanide
MW-16-10	79 to 84	795.99	799.23	798.90	⁽³⁾	68.20	12/07/11	VOCs, Metals, Cyanide
PFW-1	81.3 to 86.3	807.83	809.78	809.77	⁽⁴⁾	79.63	12/05/11	VOCs, Metals, Cyanide

Notes:

Metals - Total metals (Dissolved Metals also if NTU is greater than 5)

Cyanide - Amenable cyanide

(1) Surveyed March 25, 2004, unless otherwise noted

(2) Surveyed December 2010/January 2010

(3) Surveyed December 2010/January 2011

(4) Surveyed December 2010/January 2011 for top of riser elevation only

(5) Surveyed April 2011

(6) Site-specific background well

(7) Well inaccessible due to surface water

TABLE 2

**DECEMBER 2011 SUMMARY OF TURBIDITY READINGS
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Monitoring Well</i>	<i>Date Sampled</i>	<i>Turbidity Reading ⁽¹⁾ (NTU)</i>	<i>Metals Analytical Method Used</i>
<u>Perched Monitoring Wells</u>			
B-7 ⁽²⁾	12/05/11	16.10	Total/Dissolved Metals
B-9	12/07/11	3.77	Total Metals
B-18A ⁽²⁾	12/05/11	2.32	Total/Dissolved Metals
B-19A ⁽²⁾	12/06/11	0.72	Total/Dissolved Metals (3)
B-19AR ⁽²⁾	12/08/11	461.00	Total/Dissolved Metals
MW-1	12/07/11	3.34	Total Metals
MW-2	12/06/11	18.50	Total/Dissolved Metals
MW-4-02	12/05/11	2.54	Total Metals
PFW-2	12/06/11	1.16	Total Metals
PFW-4	(4)	(4)	(4)
PFW-9	12/06/11	1.52	Total Metals
PFW-10	12/06/11	0.67	Total Metals
PFW-11	12/06/11	4.28	Total Metals
<u>Drift Aquifer Monitoring Wells</u>			
B-2D ⁽²⁾	12/07/11	67.30	Total/Dissolved Metals
B-20D ⁽²⁾	12/08/11	27.70	Total/Dissolved Metals
B-21D ⁽²⁾	12/08/11	209.00	Total/Dissolved Metals
B-27D	12/08/11	7.51	Total/Dissolved Metals
MW-15-10	12/07/11	15.30	Total/Dissolved Metals
MW-16-10	12/07/11	3.31	Total Metals
PFW-1	12/05/11	14.50	Total/Dissolved Metals

Notes:⁽¹⁾ Value recorded upon stabilization⁽²⁾ Site-specific background well⁽³⁾ Dissolved metals missed during 12/06/11 sampling (sample collected on 12/07/11)⁽⁴⁾ Well inaccessible due to surface water

TABLE 3

ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample Location:

Sample ID:

Sample Date:

B-2D
 GW-12636-120711-JY-418
 12/7/2011

B-2D
 GW-12636-120711-JY-419
 12/7/2011
 (Duplicate)

Parameters:

Units

a

b

c

d

e

f

Volatile Organic Compounds

1,1,1-Trichloroethane	mg/L	1300	0.2	1300	0.2	660	0.089	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.035	77	0.0085	12	0.078	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	21	0.005	110	0.005	17	0.33	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	2400	2.5	2300	0.88	1000	0.74	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	11	0.007	1.3	0.007	0.2	0.13	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	19	0.07	300	0.07	300	0.099	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	56	0.063	56	0.063	56	0.017	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.39	0.0002	1.2	0.0002	1.2	-	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.025	0.00005	15	0.00005	2.4	0.0057	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	160	0.6	160	0.6	160	0.013	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	19	0.005	59	0.005	9.6	0.36	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	16	0.005	36	0.005	16	0.23	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	61	0.072	61	0.072	61	0.045	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	2	0.019	41	0.0066	18	0.028	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	6.4	0.075	74	0.075	16	0.017	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	240000	38	240000	13	240000	2.2	0.01 U	0.01 U
2-Hexanone	mg/L	5200	2.9	8700	1	4200	-	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	13000	5.2	20000	1.8	20000	-	0.01 U	0.01 U
Acetone	mg/L	31000	2.1	1000000	0.73	1000000	1.7	0.01 U	0.01 U
Benzene	mg/L	11	0.005	35	0.005	5.6	0.2	0.001 U	0.001 U
Bromodichloromethane	mg/L	14	0.08	37	0.08	4.8	-	0.001 U	0.001 U
Bromoform	mg/L	140	0.08	3100	0.08	470	-	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	70	0.029	9	0.01	4	0.035	0.001 U	0.001 U
Carbon disulfide	mg/L	1200	2.3	550	0.8	250	-	0.005 U	0.005 U
Carbon tetrachloride	mg/L	4.6	0.005	2.4	0.005	0.37	0.045	0.001 U	0.001 U
Chlorobenzene	mg/L	86	0.1	470	0.1	210	0.025	0.001 U	0.001 U
Chloroethane	mg/L	440	1.7	5700	0.43	5700	1.1	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	150	0.08	180	0.08	28	0.35	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	490	1.1	45	0.26	8.6	-	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	200	0.07	210	0.07	93	0.62	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	-	-	-	-	-	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	-	-	-	-	0.001 U	0.001 U
Dibromochloromethane	mg/L	18	0.08	110	0.08	14	-	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	300	4.8	300	1.7	220	-	0.001 U	0.001 U
Ethylbenzene	mg/L	170	0.074	170	0.074	110	0.018	0.001 U	0.001 U
Isopropyl benzene	mg/L	56	2.3	56	0.8	56	0.028	0.001 U	0.001 U
Methyl acetate	mg/L	-	-	-	-	-	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	-	-	-	-	-	0.001 U	0.001 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample Location:

Sample ID:

Sample Date:

B-2D
GW-12636-120711-JY-418
12/7/2011

B-2D
GW-12636-120711-JY-419
12/7/2011
(Duplicate)

Parameters:

Units	a	b	c	d	e	f		
Methyl tert butyl ether (MTBE)	mg/L	610	0.04	47000	0.04	47000	7.1	0.005 U
Methylene chloride	mg/L	220	0.005	1400	0.005	220	1.5	0.005 U
Styrene	mg/L	9.7	0.1	310	0.1	170	0.08	0.001 U
Tetrachloroethene	mg/L	12	0.005	170	0.005	25	0.06	0.001 U
Toluene	mg/L	530	0.79	530	0.79	530	0.27	0.001 U
trans-1,2-Dichloroethene	mg/L	220	0.1	200	0.1	85	1.5	0.001 U
trans-1,3-Dichloropropene	mg/L	-	-	-	-	-	-	0.001 U
Trichloroethene	mg/L	22	0.005	97	0.005	15	0.2	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	1100	7.3	1100	2.6	1100	-	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	170	170	170	170	170	0.032	0.001 U
Vinyl chloride	mg/L	1	0.002	13	0.002	1.1	0.013	0.001 U
Xylenes (total)	mg/L	190	0.28	190	0.28	190	0.041	0.002 U

Metals

Aluminum	mg/L	64000	0.05	-	0.05	-	-	1.6 ^{ba}	1.7 ^{ba}
Aluminum (dissolved)	mg/L	64000	0.05	-	0.05	-	-	0.044 J	0.055 ^{ba}
Antimony	mg/L	68	0.006	-	0.006	-	0.13	0.002 U	0.002 U
Antimony (dissolved)	mg/L	68	0.006	-	0.006	-	0.13	0.002 U	0.002 U
Arsenic	mg/L	4.3	0.01	-	0.01	-	0.01	0.0038 J	0.005 U
Arsenic (dissolved)	mg/L	4.3	0.01	-	0.01	-	0.01	0.005 U	0.005 U
Barium	mg/L	14000	2	-	2	-	-	0.084 J	0.093 J
Barium (dissolved)	mg/L	14000	2	-	2	-	-	0.075 J	0.079 J
Beryllium	mg/L	290	0.004	-	0.004	-	-	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	290	0.004	-	0.004	-	-	0.001 U	0.001 U
Cadmium	mg/L	190	0.005	-	0.005	-	-	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	190	0.005	-	0.005	-	-	0.001 U	0.001 U
Chromium	mg/L	460	0.1	-	0.1	-	0.011	0.0031 J	0.003 J
Chromium (dissolved)	mg/L	460	0.1	-	0.1	-	0.011	0.005 U	0.0022 J
Cobalt	mg/L	2400	0.1	-	0.04	-	0.1	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	2400	0.1	-	0.04	-	0.1	0.007 U	0.007 U
Copper	mg/L	7400	1	-	1	-	-	0.004	0.0043
Copper (dissolved)	mg/L	7400	1	-	1	-	-	0.002 U	0.002 U
Iron	mg/L	58000	0.3	-	0.3	-	-	1.9 ^{ba}	2.2 ^{ba}
Iron (dissolved)	mg/L	58000	0.3	-	0.3	-	-	0.1 U	0.091 J
Lead	mg/L	-	0.004	-	0.004	-	-	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	0.004	-	0.004	-	-	0.003 U	0.003 U
Manganese	mg/L	9100	0.05	-	0.05	-	-	0.052 ^{ba}	0.057 ^{ba}
Manganese (dissolved)	mg/L	9100	0.05	-	0.05	-	-	0.0064 J	0.0074 J
Mercury	mg/L	0.056	0.002	0.056	0.002	0.056	0.0000013	0.0002 U	0.0002 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:*

<i>B-2D</i> GW-12636-120711-JY-418 12/7/2011	<i>B-2D</i> GW-12636-120711-JY-419 12/7/2011 (Duplicate)
--	---

Parameters:

Parameters:	Units	a	b	c	d	e	f		
Mercury (dissolved)	mg/L	0.056	0.002	0.056	0.002	0.056	0.0000013	0.0002 U	0.0002 U
Nickel	mg/L	74000	0.1	-	0.1	-	-	0.02 U	0.02 U
Nickel (dissolved)	mg/L	74000	0.1	-	0.1	-	-	0.02 U	0.02 U
Selenium	mg/L	970	0.05	-	0.05	-	0.005	0.005 U	0.005 U
Selenium (dissolved)	mg/L	970	0.05	-	0.05	-	0.005	0.005 U	0.005 U
Silver	mg/L	1500	0.098	-	0.034	-	0.0002	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	1500	0.098	-	0.034	-	0.0002	0.0002 U	0.0002 U
Thallium	mg/L	13	0.002	-	0.002	-	0.0037	0.001 U	0.001 U
Thallium (dissolved)	mg/L	13	0.002	-	0.002	-	0.0037	0.00014 J	0.0004 J
Vanadium	mg/L	970	0.062	-	0.0045	-	0.012	0.0041	0.0032 J
Vanadium (dissolved)	mg/L	970	0.062	-	0.0045	-	0.012	0.004 U	0.00087 J
Zinc	mg/L	110000	5	-	2.4	-	-	0.02 U	0.02 U
Zinc (dissolved)	mg/L	110000	5	-	2.4	-	-	0.02 U	0.02 U

General Chemistry

Cyanide (amenable)	mg/L	57	0.2	-	0.2	-	-	0.0050 U	0.0050 U
Cyanide (total)	mg/L	57	0.2	-	0.2	-	0.0052	0.0050 U	0.0050 U

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

- - Not analyzed.

Criteria:

a - Groundwater Contact Criteria (2011) (GCC[A])

b - Non-Residential Drinking Water Criteria (2011)
(NRDWC[B])c - Non-Residential Groundwater Volatilization to Indoor
Air Inhalation Criteria (2011) (NRGVIAIC[C])

d - Residential Drinking Water Criteria (2011) (RDWC[D])

e - Residential Groundwater Volatilization to Indoor Air
Inhalation Criteria (2011) (RGVIAIC[E])

f - Groundwater Surface Water Interface (2011) (GSI[F])

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:	B-7		B-9		B-18A		B-19A		B-19A		
Sample ID:	GW-12636-120511-JY-405		GW-12636-120711-JY-415		GW-12636-120511-JY-406		GW-12636-120611-JY-412		GW-12636-120711-JY-412		
Sample Date:	12/5/2011		12/7/2011		12/5/2011		12/6/2011		12/7/2011		
Parameters:	Units										
Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,1,2,2-Tetrachloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,1,2-Trichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,1-Dichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,1-Dichloroethene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,2,4-Trichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,2,4-Trimethylbenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,2-Dichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,2-Dichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,2-Dichloropropane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,3,5-Trimethylbenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,3-Dichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
1,4-Dichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		-	
2-Hexanone	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		-	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		-	
Acetone	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		-	
Benzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Bromodichloromethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Bromoform	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Bromomethane (Methyl bromide)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Carbon disulfide	mg/L	0.005 U		0.005 U		0.005 U		0.005 U		-	
Carbon tetrachloride	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Chlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Chloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Chloroform (Trichloromethane)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Chloromethane (Methyl chloride)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
cis-1,2-Dichloroethene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
cis-1,3-Dichloropropene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Cyclohexane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Dibromochloromethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Ethylbenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Isopropyl benzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	
Methyl acetate	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		-	
Methyl cyclohexane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		-	

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-7</i>	<i>B-9</i>	<i>B-18A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>		GW-12636-120511-JY-405	GW-12636-120711-JY-415	GW-12636-120511-JY-406	GW-12636-120611-JY-412	GW-12636-120711-JY-412
<i>Sample Date:</i>		12/5/2011	12/7/2011	12/5/2011	12/6/2011	12/7/2011
<i>Parameters:</i>	<i>Units</i>					
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	-
<i>Metals</i>						
Aluminum	mg/L	0.71 ^{bd}	0.083 ^{bd}	0.05 U	0.05 U	-
Aluminum (dissolved)	mg/L	0.05 U	-	0.05 U	-	0.05 U
Antimony	mg/L	0.0002 J	0.002 U	0.002 U	0.002 U	-
Antimony (dissolved)	mg/L	0.00014 J	-	0.002 U	-	0.002 U
Arsenic	mg/L	0.005 U	0.005 U	0.0066	0.005 U	-
Arsenic (dissolved)	mg/L	0.005 U	-	0.0066	-	0.005 U
Barium	mg/L	0.057 J	0.011 J	0.034 J	0.072 J	-
Barium (dissolved)	mg/L	0.053 J	-	0.035 J	-	0.071 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Beryllium (dissolved)	mg/L	0.001 U	-	0.001 U	-	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	-
Cadmium (dissolved)	mg/L	0.001 U	-	0.001 U	-	0.001 U
Chromium	mg/L	0.008	0.005 U	0.005 U	0.005 U	-
Chromium (dissolved)	mg/L	0.0035 J	-	0.005 U	-	0.005 U
Cobalt	mg/L	0.007 U	0.0024 J	0.0034 J	0.007 U	-
Cobalt (dissolved)	mg/L	0.007 U	-	0.003 J	-	0.007 U
Copper	mg/L	0.0039	0.002 U	0.002 U	0.002 U	-
Copper (dissolved)	mg/L	0.0031	-	0.002 U	-	0.002 U
Iron	mg/L	0.84 ^{bd}	0.14	0.65 ^{bd}	0.1 U	-
Iron (dissolved)	mg/L	0.1 U	-	0.61 ^{bd}	-	0.1 U
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	-
Lead (dissolved)	mg/L	0.003 U	-	0.003 U	-	0.003 U
Manganese	mg/L	0.016	0.31 ^{bd}	0.26 ^{bd}	0.015 U	-
Manganese (dissolved)	mg/L	0.0085 J	-	0.26 ^{bd}	-	0.015 U
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-7</i>	<i>B-9</i>	<i>B-18A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-405</i>	<i>GW-12636-120711-JY-415</i>	<i>GW-12636-120511-JY-406</i>	<i>GW-12636-120611-JY-412</i>	<i>GW-12636-120711-JY-412</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/7/2011</i>	<i>12/5/2011</i>	<i>12/6/2011</i>	<i>12/7/2011</i>
<i>Parameters:</i>	<i>Units</i>					
Mercury (dissolved)	mg/L	0.0002 U	-	0.0002 U	-	0.0002 U
Nickel	mg/L	0.0043 J	0.0047 J	0.02 U	0.02 U	-
Nickel (dissolved)	mg/L	0.02 U	-	0.02 U	-	0.02 U
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	-
Selenium (dissolved)	mg/L	0.005 U	-	0.005 U	-	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	-
Silver (dissolved)	mg/L	0.0002 U	-	0.0002 U	-	0.0002 U
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.00058 J	-
Thallium (dissolved)	mg/L	0.001 U	-	0.001 U	-	0.00027 J
Vanadium	mg/L	0.0014 J	0.004 U	0.004 U	0.004 U	-
Vanadium (dissolved)	mg/L	0.004 U	-	0.004 U	-	0.004 U
Zinc	mg/L	0.01 J	0.02 U	0.02 U	0.02 U	-
Zinc (dissolved)	mg/L	0.02 U	-	0.02 U	-	0.02 U
<i>General Chemistry</i>						
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	-
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	-

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

- - Not analyzed.

Criteria:

a - Groundwater Contact Criteria (2011) (GCC[A])

b - Non-Residential Drinking Water Criteria (2011)
(NRDWC[B])c - Non-Residential Groundwater Volatilization to Indoor
Air Inhalation Criteria (2011) (NRGVIAIC[C])

d - Residential Drinking Water Criteria (2011) (RDWC[D])

e - Residential Groundwater Volatilization to Indoor Air
Inhalation Criteria (2011) (RGVIAIC[E])

f - Groundwater Surface Water Interface (2011) (GSI[F])

TABLE 3

ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample Location:	B-19AR		B-20D		B-21D		B-27D		BH-101		
Sample ID:	GW-12636-120811-JY-420		GW-12636-120811-JY-421		GW-12636-120811-JY-422		GW-12636-120811-JY-423		GW-12636-120511-SH-BH101		
Sample Date:	12/8/2011		12/8/2011		12/8/2011		12/8/2011		12/5/2011		
Parameters:	Units										
Volatile Organic Compounds											
1,1,1-Trichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,1,2,2-Tetrachloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,1,2-Trichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,1-Dichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.00081 J	
1,1-Dichloroethene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,2,4-Trichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,2,4-Trimethylbenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,2-Dichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,2-Dichloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,2-Dichloropropane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,3,5-Trimethylbenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,3-Dichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
1,4-Dichlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	
2-Hexanone	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	
Acetone	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	
Benzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Bromodichloromethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Bromoform	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Bromomethane (Methyl bromide)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Carbon disulfide	mg/L	0.005 U		0.005 U		0.005 U		0.005 U		0.005 U	
Carbon tetrachloride	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Chlorobenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Chloroethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Chloroform (Trichloromethane)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Chloromethane (Methyl chloride)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
cis-1,2-Dichloroethene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
cis-1,3-Dichloropropene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Cyclohexane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Dibromochloromethane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Ethylbenzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Isopropyl benzene	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	
Methyl acetate	mg/L	0.01 U		0.01 U		0.01 U		0.01 U		0.01 U	
Methyl cyclohexane	mg/L	0.001 U		0.001 U		0.001 U		0.001 U		0.001 U	

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-19AR</i>	<i>B-20D</i>	<i>B-21D</i>	<i>B-27D</i>	<i>BH-101</i>
<i>Sample ID:</i>	GW-12636-120811-JY-420	GW-12636-120811-JY-421	GW-12636-120811-JY-422	GW-12636-120811-JY-423	GW-12636-120511-SH-BH101
<i>Sample Date:</i>	12/8/2011	12/8/2011	12/8/2011	12/8/2011	12/5/2011
Parameters:					
	<i>Units</i>				
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Metals					
Aluminum	mg/L	9.2 ^{bd}	0.52 ^{bd}	3.7 ^{bd}	1.5 ^{bd}
Aluminum (dissolved)	mg/L	3.4 ^{bd}	0.034 J	0.1 ^{bd}	0.05 U
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.00059 J
Antimony (dissolved)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Arsenic	mg/L	0.0086	0.039 ^{bd}	0.045 ^{bd}	0.053 ^{bd}
Arsenic (dissolved)	mg/L	0.005 U	0.036 ^{bd}	0.042 ^{bd}	0.052 ^{bd}
Barium	mg/L	0.13	0.053 J	0.18	0.2
Barium (dissolved)	mg/L	0.077 J	0.049 J	0.16	0.19
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chromium	mg/L	0.03 ^t	0.005 U	0.0067	0.014 ^t
Chromium (dissolved)	mg/L	0.011	0.005 U	0.005 U	0.005 U
Cobalt	mg/L	0.0056 J	0.007 U	0.003 J	0.0027 J
Cobalt (dissolved)	mg/L	0.007 U	0.007 U	0.007 U	0.0058 J
Copper	mg/L	0.0096	0.0026 U	0.0073	0.0031
Copper (dissolved)	mg/L	0.0045	0.002 U	0.001 J	0.002 U
Iron	mg/L	12 ^{bd}	2.5 ^{bd}	7 ^{bd}	3.8 ^{bd}
Iron (dissolved)	mg/L	4.4 ^{bd}	1.5 ^{bd}	1.2 ^{bd}	1 ^{bd}
Lead	mg/L	0.0023 J	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.26 ^{bd}	0.064 ^{bd}	0.18 ^{bd}	0.09 ^{bd}
Manganese (dissolved)	mg/L	0.094 ^{bd}	0.049	0.05	0.033
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-19AR</i>	<i>B-20D</i>	<i>B-21D</i>	<i>B-27D</i>	<i>BH-101</i>
<i>Sample ID:</i>		GW-12636-120811-JY-420	GW-12636-120811-JY-421	GW-12636-120811-JY-422	GW-12636-120811-JY-423	GW-12636-120511-SH-BH101
<i>Sample Date:</i>		12/8/2011	12/8/2011	12/8/2011	12/8/2011	12/5/2011
<i>Parameters:</i>	<i>Units</i>					
Mercury (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nickel	mg/L	0.023	0.02 U	0.0065 J	0.015 J	0.12 ^{ba}
Nickel (dissolved)	mg/L	0.0079 J	0.02 U	0.02 U	0.005 J	0.0063 J
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00015 J
Silver (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.00025 J	0.00015 J	0.001 U	0.001 U	0.001 U
Vanadium	mg/L	0.023 ^{af}	0.0025 J	0.01 ^a	0.0052 ^a	0.14 ^{baif}
Vanadium (dissolved)	mg/L	0.0089 ^a	0.00072 J	0.004 U	0.004 U	0.00093 J
Zinc	mg/L	0.039 U	0.02 U	0.039	0.028	0.28
Zinc (dissolved)	mg/L	0.02 U	0.02 U	0.02	0.02 U	0.015 J
<i>General Chemistry</i>						
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

- - Not analyzed.

Criteria:

a - Groundwater Contact Criteria (2011) (GCC[A])

b - Non-Residential Drinking Water Criteria (2011)
(NRDWC[B])c - Non-Residential Groundwater Volatilization to Indoor
Air Inhalation Criteria (2011) (NRGVIAIC[C])

d - Residential Drinking Water Criteria (2011) (RDWC[D])

e - Residential Groundwater Volatilization to Indoor Air
Inhalation Criteria (2011) (RGVIAIC[E])

f - Groundwater Surface Water Interface (2011) (GSI[F])

TABLE 3

ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN

Sample Location:	BH-103		MW-1	MW-2	MW-4-02	MW-4-02
Sample ID:	GW-12636-120511-SH-BH103		GW-12636-120711-JY-414	GW-12636-120611-JY-409	GW-12636-120511-JY-403	GW-12636-120511-JY-404
Sample Date:	12/5/2011		12/7/2011	12/6/2011	12/5/2011	12/5/2011
	(Duplicate)					
Parameters:	Units					
Volatile Organic Compounds						
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.00016 J	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>BH-103</i>	<i>MW-1</i>	<i>MW-2</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>	<i>GW-12636-120511-SH-BH103</i>	<i>GW-12636-120711-JY-414</i>	<i>GW-12636-120611-JY-409</i>	<i>GW-12636-120511-JY-403</i>	<i>GW-12636-120511-JY-404</i>
<i>Sample Date:</i>	<i>12/5/2011</i>	<i>12/7/2011</i>	<i>12/6/2011</i>	<i>12/5/2011</i>	<i>12/5/2011</i>
					<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>				
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.00014 J	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Metals</i>					
Aluminum	mg/L	0.47 ^{bd}	0.11 ^{bd}	0.05 U	0.05 U
Aluminum (dissolved)	mg/L	0.05 U	-	-	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	0.002 U	-	-	-
Arsenic	mg/L	0.005 U	0.0065	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	0.005 U	-	-	-
Barium	mg/L	0.35	0.053 J	0.23	0.11
Barium (dissolved)	mg/L	0.39	-	0.23	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	-	0.001 U	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	-	0.001 U	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	0.005 U	-	0.005 U	-
Cobalt	mg/L	0.0049 J	0.007 U	0.0076	0.007 U
Cobalt (dissolved)	mg/L	0.0053 J	-	0.0072	-
Copper	mg/L	0.0025	0.0043	0.002 U	0.002 U
Copper (dissolved)	mg/L	0.002 U	-	0.002 U	-
Iron	mg/L	5.4 ^{bd}	0.24	12 ^{bd}	0.1 U
Iron (dissolved)	mg/L	4.6 ^{bd}	-	11 ^{bd}	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	-	0.003 U	-
Manganese	mg/L	1.3 ^{bd}	0.025	2.6 ^{bd}	0.01 J
Manganese (dissolved)	mg/L	1.4 ^{bd}	-	2.6 ^{bd}	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>BH-103</i>	<i>MW-1</i>	<i>MW-2</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>		<i>GW-12636-120511-SH-BH103</i>	<i>GW-12636-120711-JY-414</i>	<i>GW-12636-120611-JY-409</i>	<i>GW-12636-120511-JY-403</i>	<i>GW-12636-120511-JY-404</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/7/2011</i>	<i>12/6/2011</i>	<i>12/5/2011</i>	<i>12/5/2011</i> <i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>					
Mercury (dissolved)	mg/L	0.0002 U	-	0.0002 U	-	-
Nickel	mg/L	0.0087 J	0.02 U	0.02 U	0.02 U	0.02 U
Nickel (dissolved)	mg/L	0.0095 J	-	0.02 U	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	-	0.005 U	-	-
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	0.0002 U	-	0.0002 U	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.001 U	-	0.001 U	-	-
Vanadium	mg/L	0.001 J	0.0027 J	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	0.004 U	-	0.004 U	-	-
Zinc	mg/L	0.022	0.029 U	0.017 J	0.02 U	0.0053 J
Zinc (dissolved)	mg/L	0.013 J	-	0.011 J	-	-
<i>General Chemistry</i>						
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

- - Not analyzed.

Criteria:

a - Groundwater Contact Criteria (2011) (GCC[A])

b - Non-Residential Drinking Water Criteria (2011)
(NRDWC[B])c - Non-Residential Groundwater Volatilization to Indoor
Air Inhalation Criteria (2011) (NRGVIAIC[C])

d - Residential Drinking Water Criteria (2011) (RDWC[D])

e - Residential Groundwater Volatilization to Indoor Air
Inhalation Criteria (2011) (RGVIAIC[E])

f - Groundwater Surface Water Interface (2011) (GSI[F])

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:	MW-15-10		MW-16-10		PFW-1	PFW-2	PFW-9
Sample ID:	GW-12636-120711-JY-417		GW-12636-120711-JY-416		GW-12636-120511-JY-402	GW-12636-120611-JY-411	GW-12636-120611-JY-410
Sample Date:	12/7/2011		12/7/2011		12/5/2011	12/6/2011	12/6/2011
Parameters:	Units						
Volatile Organic Compounds							
1,1,1-Trichloroethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U		0.001 J	0.005 U	0.005 U	0.005 U
Carbon tetrachloride	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.00061 J		0.00057 J	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Isopropyl benzene	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U		0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U		0.001 U	0.001 U	0.001 U	0.001 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>MW-15-10</i>	<i>MW-16-10</i>	<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-9</i>
<i>Sample ID:</i>	GW-12636-120711-JY-417	GW-12636-120711-JY-416	GW-12636-120511-JY-402	GW-12636-120611-JY-411	GW-12636-120611-JY-410
<i>Sample Date:</i>	12/7/2011	12/7/2011	12/5/2011	12/6/2011	12/6/2011
<i>Parameters:</i>	<i>Units</i>				
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Metals</i>					
Aluminum	mg/L	0.098 nd	0.028 J	0.022 J	0.05 U
Aluminum (dissolved)	mg/L	0.05 U	-	0.05 U	-
Antimony	mg/L	0.002 U	0.002 U	0.00014 J	0.002 U
Antimony (dissolved)	mg/L	0.002 U	-	0.002 U	-
Arsenic	mg/L	0.0071	0.0099	0.079 nd	0.005 U
Arsenic (dissolved)	mg/L	0.0047 J	-	0.033 nd	-
Barium	mg/L	0.2	0.31	0.15	0.046 J
Barium (dissolved)	mg/L	0.2	-	0.14	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	-	0.001 U	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	-	0.001 U	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	0.005 U	-	0.005 U	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	0.007 U	-	0.007 U	-
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	0.002 U	-	0.002 U	-
Iron	mg/L	2.4 nd	1.8 nd	2.7 nd	0.36 nd
Iron (dissolved)	mg/L	2.1 nd	-	1.1 nd	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	-	0.003 U	-
Manganese	mg/L	0.13 nd	0.13 nd	0.036	0.54 nd
Manganese (dissolved)	mg/L	0.12 nd	-	0.031	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-15-10</i>	<i>MW-16-10</i>	<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>GW-12636-120711-JY-417</i>	<i>GW-12636-120711-JY-416</i>	<i>GW-12636-120511-JY-402</i>	<i>GW-12636-120611-JY-411</i>	<i>GW-12636-120611-JY-410</i>
<i>Sample Date:</i>		<i>12/7/2011</i>	<i>12/7/2011</i>	<i>12/5/2011</i>	<i>12/6/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>					
Mercury (dissolved)	mg/L	0.0002 U	-	0.0002 U	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Nickel (dissolved)	mg/L	0.02 U	-	0.02 U	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	-	0.005 U	-	-
Silver	mg/L	0.000083 J	0.0002 U	0.0001 J	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	0.0002 U	-	0.0002 U	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.00042 J	0.00054 J
Thallium (dissolved)	mg/L	0.00016 J	-	0.001 U	-	-
Vanadium	mg/L	0.00065 J	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	0.004 U	-	0.004 U	-	-
Zinc	mg/L	0.02 U	0.02 U	0.0071 J	0.02 U	0.02 U
Zinc (dissolved)	mg/L	0.02 U	-	0.02 U	-	-
<i>General Chemistry</i>						
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

- - Not analyzed.

Criteria:

a - Groundwater Contact Criteria (2011) (GCC[A])

b - Non-Residential Drinking Water Criteria (2011)
(NRDWC[B])c - Non-Residential Groundwater Volatilization to Indoor
Air Inhalation Criteria (2011) (NRGVIAIC[C])

d - Residential Drinking Water Criteria (2011) (RDWC[D])

e - Residential Groundwater Volatilization to Indoor Air
Inhalation Criteria (2011) (RGVIAIC[E])

f - Groundwater Surface Water Interface (2011) (GSI[F])

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-10</i>	<i>PFW-11</i>
<i>Sample ID:</i>	<i>GW-12636-120611-JY-407</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>	<i>12/6/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>	
<i>Volatile Organic Compounds</i>		
1,1,1-Trichloroethane	mg/L 0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L 0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L 0.001 U	0.001 U
1,1-Dichloroethane	mg/L 0.001 U	0.001 U
1,1-Dichloroethene	mg/L 0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L 0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L 0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L 0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L 0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L 0.001 U	0.001 U
1,2-Dichloroethane	mg/L 0.001 U	0.001 U
1,2-Dichloropropane	mg/L 0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L 0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L 0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L 0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L 0.01 U	0.01 U
2-Hexanone	mg/L 0.01 U	0.01 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L 0.01 U	0.01 U
Acetone	mg/L 0.01 U	0.01 U
Benzene	mg/L 0.001 U	0.001 U
Bromodichloromethane	mg/L 0.001 U	0.001 U
Bromoform	mg/L 0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L 0.001 U	0.001 U
Carbon disulfide	mg/L 0.00015 J	0.005 U
Carbon tetrachloride	mg/L 0.001 U	0.001 U
Chlorobenzene	mg/L 0.001 U	0.001 U
Chloroethane	mg/L 0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L 0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L 0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L 0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L 0.001 U	0.001 U
Cyclohexane	mg/L 0.001 U	0.001 U
Dibromochloromethane	mg/L 0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L 0.001 U	0.001 U
Ethylbenzene	mg/L 0.001 U	0.001 U
Isopropyl benzene	mg/L 0.001 U	0.001 U
Methyl acetate	mg/L 0.01 U	0.01 U
Methyl cyclohexane	mg/L 0.001 U	0.001 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-120611-JY-407</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>		<i>12/6/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>		
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U
Styrene	mg/L	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U
<i>Metals</i>			
Aluminum	mg/L	0.05 U	0.077 ^{bd}
Aluminum (dissolved)	mg/L	-	-
Antimony	mg/L	0.00016 J	0.00027 J
Antimony (dissolved)	mg/L	-	-
Arsenic	mg/L	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-
Barium	mg/L	0.046 J	0.073 J
Barium (dissolved)	mg/L	-	-
Beryllium	mg/L	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-
Cadmium	mg/L	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-
Chromium	mg/L	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-
Cobalt	mg/L	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	-	-
Copper	mg/L	0.002 U	0.0044
Copper (dissolved)	mg/L	-	-
Iron	mg/L	0.1 U	0.096 J
Iron (dissolved)	mg/L	-	-
Lead	mg/L	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-
Manganese	mg/L	0.024	0.012 J
Manganese (dissolved)	mg/L	-	-
Mercury	mg/L	0.0002 U	0.0002 U

TABLE 3

**ANALYTICAL RESULTS SUMMARY
FORMER PEREGRINE (US), INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-120611-JY-407</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>		<i>12/6/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>		
Mercury (dissolved)	mg/L	-	-
Nickel	mg/L	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-
Selenium	mg/L	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-
Silver	mg/L	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-
Thallium	mg/L	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-
Vanadium	mg/L	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	-	-
Zinc	mg/L	0.012 J	0.022
Zinc (dissolved)	mg/L	-	-
<i>General Chemistry</i>			
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

- - Not analyzed.

Criteria:

a - Groundwater Contact Criteria (2011) (GCC[A])

b - Non-Residential Drinking Water Criteria (2011)
(NRDWC[B])c - Non-Residential Groundwater Volatilization to Indoor
Air Inhalation Criteria (2011) (NRGVIAIC[C])

d - Residential Drinking Water Criteria (2011) (RDWC[D])

e - Residential Groundwater Volatilization to Indoor Air
Inhalation Criteria (2011) (RGVIAIC[E])

f - Groundwater Surface Water Interface (2011) (GSI[F])

TABLE 4

**DECEMBER 2011 BOREHOLE COMPLETION DETAILS
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Boring Location</i>	<i>Installation Date</i>	<i>Ground Surface Elevation ⁽¹⁾ (ft AMSL)</i>	<i>Depth of Boring (ft bgs)</i>	<i>Depth to Clay (ft bgs)</i>	<i>Screen Interval (ft bgs)</i>	<i>Sample Collected</i>
BH-101	12/5/2011	791.33	15	8	5 to 9	Cyanide, Metals, VOCs
BH-102	12/5/2011	801.21	15	5	(2)	No Water Present
BH-103	12/5/2011	793.51	25	24	14 to 18	Cyanide, Metals, VOCs
BH-104	12/6/2011	807.58	25	19	15 to 19	Unable to collect Sample
BH-105	12/6/2011	806.52	25	12	(2)	No Water Present
BH-106	12/6/2011	807.55	25	24	(2)	No Water Present
BH-107	12/6/2011	807.32	25	17	(2)	No Water Present
BH-108	12/7/2011	813.25	15	11	(2)	No Water Present
BH-109	12/7/2011	812.79	20	6	(2)	No Water Present
BH-110	12/7/2011	810.45	15	11	(2)	No Water Present
BH-111	12/7/2011	807.43	20	10.5	(2)	No Water Present

Notes:

Metals - Total and Dissolved Metals

Cyanide - Amenable cyanide

⁽¹⁾ Surveyed December 9, 2011⁽²⁾ No water present, screen not required

TABLE 5

**2012 Q1 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Monitoring Well</i>	<i>Screened Interval (ft bgs)</i>	<i>Ground Surface Elevation ⁽¹⁾ (ft AMSL)</i>	<i>Top of Casing Elevation ⁽¹⁾ (ft AMSL)</i>	<i>Reference Elevation (Top of Riser) (ft AMSL)</i>	<i>Q1 2012 Quarterly Event Parameters</i>
<i>Perched Monitoring Wells</i>					
B-18A ⁽⁴⁾	36 to 41	809.53	812.25	N/A ⁽²⁾	Dissolved Metals
B-19AR ⁽⁴⁾	34 to 44	810.48	813.15	N/A ⁽²⁾	Dissolved Metals
<i>Drift Aquifer Monitoring Wells</i>					
B-2D ⁽⁴⁾	62 to 72	800.61	804.32	803.97 ⁽³⁾	Total and Dissolved Metals
B-20D ⁽⁴⁾	83 to 88	813.37	816.61	N/A ⁽²⁾	Total and Dissolved Metals
B-21D ⁽⁴⁾	91 to 96	820.06	822.60	N/A ⁽²⁾	Total and Dissolved Metals

Notes:⁽¹⁾ Surveyed March 25, 2004, unless otherwise noted⁽²⁾ Surveyed December 2010/January 2010⁽³⁾ Surveyed April 2011⁽⁴⁾ Site-specific background well

ATTACHMENT A
FIELD DATA RECORDS

CRA

CONESTOGA-ROVERS & ASSOCIATES

9/12/11

PROJECT No.:

12636

PROJECT NAME:

Peregrine / Coldwater Rd

DATE:

DESIGNED BY:

SSH

CHECKED BY:

PAGE

OF

1

MW	H ₂ O level	Location	Sample key date	Sample #
16-10	68.20	TB	9/12	-001
15-10	78.34	PFW-4		-002
PFW-10	3.85	MW-2		-003
PFW-11	1.88	PFW-2		-004
PFW-4	4.51	MW-1		-005
2-02	9.83	PFW-9		-006
4-02	11.99	TB	9/13	-007
PFW-1	79.26	PFW-10		-008
3	10.88	MW4-02		-009
1-02	13.55	PFW-1		-010
2	4.54	MW15-10		-011 + 013 dup
1	4.41	PFW-11		-012
PFW-2	8.19	MW16-10	9/14	-014
PFW-9	8.76	B-9		-015 MS/MSD
B-9	8.30	B-19A		-016/017 dup
B-20	55.39	B-270		-018
19A	9.90	B-20		-019
270	77.88	MW18A		-020
		TB		-021
		B7	9/15	-022
		19AR		-023
		210		-024
		200		-025



CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company: CRA, Inc.	Report To:
Address: 14496 Sheldon Rd.	Copy To:
Suite 200	Invoice To:
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name:
Fax: 734-453-5201	Project Number:
Email:	

PAGE 1 OF 1

Laboratory:	
Laboratory Location:	
Laboratory Contact:	
Requested Due Date:	TAT: 510
QA/QC Requirements:	

ID # N^o D 9896

SSOW Ref. Code:
12026 704 003

Analysis and Method

Email:			

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
12026	1	Yellow	9/10/11	17:02			
AIRBILL NO.							

Sample Condition

Temp in °C	Y / N
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Dist. = Field Filtrate

Sampler Name:

Sampler Signature:

Date:

Distribution:

WHITE - Fully Executed Copy

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampler Copy

REV 0.6.0.041



CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company: CRA, Inc.	Report To:
Address: 14496 Sheldon Rd.	Copy To:
Suite 200	Invoice To:
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name:
Fax: 734-453-5201	Project Number:
Email:	

PAGE 1 OF 1

Laboratory:	Test America
Laboratory Location:	Lab City Center 104
Laboratory Contact:	Debbie H. H.
Requested Due Date:	TAT: 5TD
QA/QC Requirements:	

ID # No D 9897

SSOW Ref. Code:
12636-104-223

Analysis and Method

Email:			
Sample Identification:		Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	
Matrix Code		Date Collected	
Time Collected		# Containers	
Unpreserved		HCl	
H2SO4		HNO3	
NaOH		Other:	
Remarks/Lab ID		VOC TCA	
		Methyl	
		Ammonia	
		Benz. Hydroc.	

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
AIRBILL NO.							

Sample Condition

Temp in C	Y / N
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

D.20. Metals field collected

Sampler Name:

Sampler Signature:

Date:

Distribution:

WHITE - Fully Executed Copy

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampler Copy

REV 01/04



CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wilson
Address: 14496 Sheldon Rd.	Copy To: Mike Tomlin
Suite 200	Invoice To:
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: <i>Reserve Collection</i>
Fax: 734-453-5201	Project Number: <i>12636</i>
Email:	

PAGE *1* OF *1*

Laboratory: <i>TestAmerica</i>
Laboratory Location: <i>North Canton OH</i>
Laboratory Contact: <i>Debra Hickel</i>
Requested Due Date: <i>TAT: STD</i>
QA/QC Requirements:

ID # **Nº D** *9821*

SSOW Ref. Code: *12636-TP9-003*

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative					Other:	Analysis and Method										Remarks/Lab ID
					Unpreserved	HCl	H2SO4	HNO3	NaOH												
1. <i>GW-12636-091411-34-014</i>	<i>014</i>	<i>9/14/10</i>	<i>0900</i>	<i>6</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>ml/m SA</i>
2. <i>-015</i>	<i>-015</i>	<i>1015</i>	<i>13</i>	<i>13</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
3. <i>-016</i>	<i>-016</i>	<i>1126</i>	<i>53</i>	<i>53</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
4. <i>-017</i>	<i>-017</i>	<i>1130</i>	<i>53</i>	<i>53</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
5. <i>-018</i>	<i>-018</i>	<i>1311</i>	<i>6</i>	<i>6</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
6. <i>-019</i>	<i>-019</i>	<i>1505</i>	<i>6</i>	<i>6</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
7. <i>-020</i>	<i>-020</i>	<i>1507</i>	<i>6</i>	<i>6</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
8. <i>TB-12636-091411-34-021</i>	<i>021</i>	<i>1600</i>	<i>1</i>	<i>1</i>		<i>X</i>					<i>X</i>										
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					
15.																					
				TOTAL NUMBER OF CONTAINERS																	
				43																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
<i>Trucks</i>	<i>1</i>	<i>TestAmerica</i>	<i>9/14/10</i>	<i>1730</i>			
AIRBILL NO. <i>2726 3444 024</i>							

Sample Condition

Temp in C	Y / N
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name:

Sampler Signature:

Date:

Distribution:

WHITE - Fully Executed Copy

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampler Copy

REV 01/04



CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wilson
Address: 14496 Sheldon Rd.	Copy To: Mike Tomma
Suite 200	Invoice To:
Plymouth, MI 48170	P.O.:
Phone: 734-433-5123	Project Name: PLYMOUTH COLLEGE
Fax: 734-433-5201	Project Number: 12636-709
Email:	

PAGE 1 OF 1

Laboratory:	TestAmerica
Laboratory Location:	North Canton, OH
Laboratory Contact:	Dan Hinkle
Requested Due Date:	TAT: STA
QA/QC Requirements:	

ID # **Nº D 9638**

SSOW Ref. Code: **12636-709-003**

Analysis and Method

Sample Identification:	Valid Matrix Codes: WG Groundwater WB Borehole Water WS Surface Water SO Soil SE Sediment See Back for Additional Codes	Matrix Code	Date Collected	Time Collected	# Containers	Preservative					Other:	Analysis and Method										Remarks/Lab ID
						Unpreserved	HCl	H2SO4	HNO3	NaOH												
1. 62-12636-04511-554-022		06-91511-0926		1047	6		X		X	X												
2. -022							X		X	X												
3. -024				1301	6		X		X	X												
4. -025				1456	6		X		X	X												
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						

TOTAL NUMBER OF CONTAINERS

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Field	1	TestAmerica	9/15/11	1200			
AIRBILL NO. 8762 026 709							

Sample Condition

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments: 022 - Field Collected

Sampler Name:

Sampler Signature:

Date:

Distribution:

WHITE - Fully Executed Copy

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampler Copy

REV 01/06/04

FIELD DATA RECORD FORM
METER, WATER LEVEL

Control No.: 6921 Project No.: 12636
Date: 9-12-11 Project Name: Peregrine
User: S.Y. Location: Flint, Mich
Additional Equipment Control Numbers and Descriptions: _____

FIELD PROCEDURE BEFORE USE:

Check when completed

- Check for broken or missing parts. ☒
- Check push button for operation of buzzer. ☒
- Check operation of signal light. ☒
- Try probe in water to see if unit operates, check rotary sensitivity switch if so equipped. ☒
- Check cable for cuts resulting in bare wire. ☒

Filing: Field File

Signature: John

FIELD DATA RECORD FORM **METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

Control No.: 6928 Project No.: 12636
 Date: 9-12-11 Project Name: Percegrins
 User: S.Y. Location: Flint, Mich.
 Additional Equipment Control Numbers and Descriptions: _____

FIELD PROCEDURE BEFORE USE:

Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager

Check when completed

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

☐
☐
☐
☐

Test and record Gelex standards:

☐**Gelex Standard****Meter Reading**

- Low 0-10
- Medium 0-100
- High 0-1000

6.19

5.38

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____



FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/TDS/SALINITY/FLOW CELL, QED MP-20

(QSF-422D)

Control No.: 6955
 Date: 9-12-11
 User: J.Y.

Project No.: 12636
 Project Name: Peregrine

Location: Flats Marsh

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

Check when completed

- Check kit contents.
 - Check battery level. Change if at or less than 3 volts.
 - Check pH 7 buffer reading. Calibrate if greater than ± 0.2 .
- PH is a two point calibration but always start with the seven standard.
- Fill calibration cup $\frac{1}{2}$ full with pH 7.0 buffer and attach to probe with probes facing down.
 - Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
 - Use $\downarrow$ key to start pH symbol to start flashing and press enter $\downarrow$.
 - Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
 - Fill calibration cup $\frac{1}{2}$ full with pH 4 or 10 buffer and attach to probe with probes facing down.
 - Repeat steps 3 and 4.
 - Press Esc to return to the real time data screen.



Reading 4.05
6.95
 Calibrated (Y) N

Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$.

Conductivity is a one point calibration.

- Fill calibration cup $\frac{1}{2}$ full with 0.7 mS standard and attach to probe with probes facing up.
- Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
- Use $\downarrow$ key to start SpC symbol to start flashing and press enter $\downarrow$.
- Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
- Press Esc to return to the real time data screen.

Standard 4.49
 Reading 4.59
 Calibrated (Y) N

Check DO-probe for air bubbles and change membrane and solution if needed
 (see manual for instructions).

Filing: Field File

Signature: Jody

7.00 Lot# C040080 Exp 1/2012
 Auto-Cal " C142947 5/2012

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/TDS/SALINITY/FLOW CELL, QED MP-20

(QSF-422D)

Control No.: 04615
 Date: 9/15/11
 User: SS14

Project No.: 12636
 Project Name: Pierogi / Coldwater

Location: Flint, MI

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:**Check when completed**Reading 7.02Calibrated Y/N

- Check kit contents.
 - Check battery level. Change if at or less than 3 volts.
 - Check pH 7 buffer reading. Calibrate if greater than ± 0.2 .
- PH is a two point calibration but always start with the seven standard.
- Fill calibration cup $\frac{1}{2}$ full with pH 7.0 buffer and attach to probe with probes facing down.
 - Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
 - Use $\downarrow$ key to start pH symbol to start flashing and press enter $\downarrow$.
 - Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
 - Fill calibration cup $\frac{1}{2}$ full with pH 4 or 10 buffer and attach to probe with probes facing down.
 - Repeat steps 3 and 4.
 - Press Esc to return to the real time data screen.

Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$.

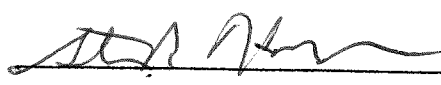
Standard 4.49
 Reading 4.49

Calibrated Y/N

Conductivity is a one point calibration.

- Fill calibration cup $\frac{1}{2}$ full with 0.7 mS standard and attach to probe with probes facing up.
- Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
- Use $\downarrow$ key to start SpC symbol to start flashing and press enter $\downarrow$.
- Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
- Press Esc to return to the real time data screen.

Check DO-probe for air bubbles and change membrane and solution if needed (see manual for instructions).

Filing: Field FileSignature: 

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE) HACH 2100P

(QSF-421D)

Control No.: NF05039 Project No.: 12636
Date: 9/14/11 Project Name: Purgate / Coldwater
User: SSH Location: Flint, MI
Additional Equipment Control Numbers and Descriptions: _____

FIELD PROCEDURE BEFORE USE:

Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager

Check when completed

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials

☒
☒
☒
☒

Test and record Gelex standards:

☒

- Low 0-10
- Medium 0-100
- High 0-1000

Gelex Standard**Meter Reading**

6.67
54.3
478

5.51
57.5
493

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File**Signature:**

[Signature]

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: 06915 Project No.: Perigee / Coldwater
Date: 9/14/11 Project Name: 12630
User: SSH Location: Fliat, MI
Additional Equipment Control Numbers and Descriptions: _____

FIELD PROCEDURE BEFORE USE:

Check when completed

- Check for broken or missing parts. ☒
- Check push button for operation of buzzer. ☒
- Check operation of signal light. ☒
- Try probe in water to see if unit operates, check rotary sensitivity switch if so equipped. ☒
- Check cable for cuts resulting in bare wire. ☒

Filing: Field File

Signature: Steph. Burz

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/TDS/SALINITY/FLOW CELL, QED MP-20

(QSF-422D)

Control No.: 6955
 Date: 9-13-11
 User: S.Y.

Project No.: 12636
 Project Name: Peregrine

Location: Flint, Mich

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

Check when completed



- Check kit contents.
 - Check battery level. Change if at or less than 3 volts.
 - Check pH 7 buffer reading. Calibrate if greater than ± 0.2 .
- PH is a two point calibration but always start with the seven standard.
- Fill calibration cup $\frac{1}{2}$ full with pH 7.0 buffer and attach to probe with probes facing down.
 - Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
 - Use $\downarrow$ key to start pH symbol to start flashing and press enter $\downarrow$.
 - Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
 - Fill calibration cup $\frac{1}{2}$ full with pH 4 or 10 buffer and attach to probe with probes facing down.
 - Repeat steps 3 and 4.
 - Press Esc to return to the real time data screen.

Reading 4.03
7.04
 Calibrated Y / N

Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$.

Conductivity is a one point calibration.

- Fill calibration cup $\frac{1}{2}$ full with 0.7 mS standard and attach to probe with probes facing up.
- Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
- Use $\downarrow$ key to start SpC symbol to start flashing and press enter $\downarrow$.
- Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
- Press Esc to return to the real time data screen.

Standard 4.49
 Reading 4.46
 Calibrated Y / N

Check DO-probe for air bubbles and change membrane and solution if needed (see manual for instructions).

Filing: Field File

Signature: J. G. [Signature]

Lot #

Exp.

T.00 C040080
 Auto-Cal C142947

11/2012

5/2012

FIELD DATA RECORD FORM **METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

Control No.: 6928
 Date: 9-13-11
 User: J.Y.

Project No.: 12636
 Project Name: Peregrine
 Location: Flint, Mich

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager

Check when completed

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials



Test and record Gelex standards:



Gelex Standard

Meter Reading

- Low 0-10
- Medium 0-100
- High 0-1000

6.19

5.39

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature:

Joh

FIELD DATA RECORD FORM
METER, WATER LEVEL

(QSF-251D)

Control No.: 6921 Project No.: 12636
Date: 9-13-11, 9-14-11 Project Name: Peregrine
User: S.Y. Location: Flint, Mich
Additional Equipment Control Numbers and Descriptions: _____

FIELD PROCEDURE BEFORE USE:

Check when completed

- Check for broken or missing parts.
- Check battery
- Check operation of buzzer.
- Check operation of signal light.
- Test probe in water to ensure unit operates, both visually and audibly.
- Check cable.



Filing: Field File

Signature: _____



T.G.S. →

FIELD DATA RECORD FORM
METER, TURBIDITY (PORTABLE) HACH 2100P

(QSF-421D)

Control No.: 6928 Project No.: 12636
Date: 9-14-11 Project Name: Peregrine
User: SV Location: Plenty Wash
Additional Equipment Control Numbers and Descriptions: _____

FIELD PROCEDURE BEFORE USE:

Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager

Check when completed

Check kit contents:

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials



Test and record Gelex standards:

**Gelex Standard****Meter Reading**

- Low 0-10
- Medium 0-100
- High 0-1000

6.19

5.41

Note: Condensation on outside of sample bottles affects meter readings.

Filing: Field File

Signature: _____

FIELD DATA RECORD FORM
METER, PH/COND./TEMP./DO/ORP/TDS/SALINITY/FLOW CELL, QED MP-20

(QSF-422D)

Control No.: 6955
 Date: 9-14-11
 User: J.Y.

Project No.: 12636
 Project Name: Peregrine

Location: Flinty Moch

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

Check when completed

- Check kit contents.
 - Check battery level. Change if at or less than 3 volts.
 - Check pH 7 buffer reading. Calibrate if greater than ± 0.2 .
- PH is a two point calibration but always start with the seven standard.
- Fill calibration cup $\frac{1}{2}$ full with pH 7.0 buffer and attach to probe with probes facing down.
 - Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
 - Use $\downarrow$ key to start pH symbol to start flashing and press enter $\downarrow$.
 - Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
 - Fill calibration cup $\frac{1}{2}$ full with pH 4 or 10 buffer and attach to probe with probes facing down.
 - Repeat steps 3 and 4.
 - Press Esc to return to the real time data screen.

Reading 4.01
6.93
 Calibrated Y / N

Check conductivity standard near the expected range. Calibrate if greater than $\pm 0.5\%$.

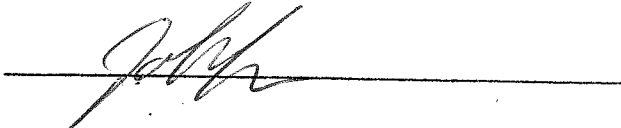
Conductivity is a one point calibration.

- Fill calibration cup $\frac{1}{2}$ full with 0.7 mS standard and attach to probe with probes facing up.
- Use $\leftarrow$ key to start the calib symbol to flashing and press enter $\downarrow$.
- Use $\downarrow$ key to start SpC symbol to start flashing and press enter $\downarrow$.
- Use $\uparrow$ or $\downarrow$ to raise or lower displayed value to match the standard then press enter $\downarrow$.
- Press Esc to return to the real time data screen.

Standard 4.49
 Reading 4.50
 Calibrated Y / N

Check DO-probe for air bubbles and change membrane and solution if needed (see manual for instructions).

Filing: Field File

Signature: 

FIELD DATA RECORD FORM **METER, TURBIDITY (PORTABLE) HACH 2100P**

(QSF-421D)

Control No.:

NF05039

Project No.:

12636

Date:

9/15/11

Project Name:

Purgine / Coldwater Rr

User:

ASH

Location:

Flint, MI

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:***Do Not Calibrate in the Field - In-House Calibration Only by Field Equipment Manager******Check when completed***

Check kit contents;

- Meter
- Low 0-10, medium 0-100, high 0-1000 standards
- Extra AA batteries
- Sample vials



Test and record Gelex standards:

***Gelex Standard******Meter Reading***

- Low 0-10
- Medium 0-100
- High 0-1000

6.675.5354.855.0478**Note: Condensation on outside of sample bottles affects meter readings.**

Filing: Field File

Signature:

[Signature]

(QSF-251D)

FIELD DATA RECORD FORM
METER, WATER LEVEL

Control No.:

06915

Date:

9/15/11

User:

SSH

Project No.:

12636

Project Name:

Purgine / Coldwater

Location:

Flint, MI

Additional Equipment Control Numbers and Descriptions:

FIELD PROCEDURE BEFORE USE:

Check when completed

- Check for broken or missing parts. ☒
- Check push button for operation of buzzer. ☒
- Check operation of signal light. ☒
- Try probe in water to see if unit operates, check rotary sensitivity switch if so equipped. ☒
- Check cable for cuts resulting in bare wire. ☒

Filing: Field File

Signature:



Project No.: 12636
Project Name: Peregrine / Coldwater R.
Location:
criptions: Flat m.s.

001 Trip Black
002

Project Name: FOAMER PROGRAM
Ref. No.: 12626

Date:

York

Well No.: PFW-4

15-N-1

14

100

Depth to Pump Intake (m/ft)⁽¹⁾:

1

Time	Pumping Rate (mL/min)	Depth to Water (in/ft)	Drawdown from Initial Water Level ^(w) (in/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume	
										Purged, Vp (L)	No. of Well Screen Volumes Purged ^(v)
										±0.1 mV	
					±0.005 or 0.01 ^(s)	±10 %	±10 %	±0.1 Units			
				±3 %							
			Precision Required ^(w) :								

[illegible]

Notes: @ 1100 well going dry, drop intake to 1.0' Diss. Metals tested filtered

(1) The pump intake will be placed at the well screen midpoint or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

- Notes:
- (1) The pump intake will be placed at the well screen midpoint or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
 - (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_p = \pi(r^2)L$ in mL, where r ($r=D/2$) and L are in cm. For Imperial units, $V_p = (r^2)L \cdot (2.54)^2$, where r and L are in inches
 - (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
 - (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
 - (5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $\geq 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Peregrius
 Ref. No.: 12636

Date: 9-12-11
 Personnel: E. Yach

Monitoring Well Data:

Well No.: MW-2

Vapour PID (ppm): _____

Measurement Point: _____

Constructed Well Depth (m/ft): _____

Measured Well Depth (m/ft): _____

Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____

Depth to Pump Intake (m/ft)⁽¹⁾: _____

Well Diameter, D (cm/in): _____

Well Screen Volume, V_s (L)⁽²⁾: _____

Initial Depth to Water (m/ft): 4.54

Drawdown

Pumping Rate (mL/min) _____
 Depth to Water (m/ft) _____
 Drawdown from Initial Water Level⁽³⁾ (m/ft) _____

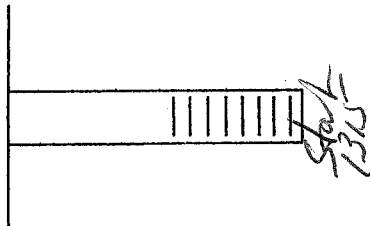
Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C ±0.1	Conductivity (mS/cm) ±0.005 or 0.01 ⁽⁴⁾	Turbidity NTU ±10 %	DO (mg/L) ±10 %	pH ±0.1 Units	ORP (mV) ±10 mV	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁵⁾
------	-----------------------	-----------------------	---	---------------------	--	---------------------	-----------------	---------------	-----------------	-----------------------------------	--

1340	100			17.57	0.985	11.9	0.55	6.95	-187		
1345	"			17.83	0.940	11.0	0.54	6.97	-187		
1350	"			17.90	0.866	13.2	0.55	6.99	-187		
1355	"	9.63		17.40	0.668	20.6	0.53	7.01	-186		
1400	"			17.57	0.566	23.7	0.70	6.97	-171		
1405	"			17.66	0.554	26.7	1.36	6.90	-147		
1410	"			17.69	0.538	26.8	1.86	6.84	-135		
1415	"			17.68	0.542	19.3	2.34	6.79	-131		
1420	"			17.80	0.551	18.3	2.53	6.77	-129		
1425	"	12.24		17.93	0.553	17.4	2.59	6.77	-128		
1430	"			18.01	0.559	17.0	2.67	6.77	-127		
	Collect	003									

Notes:

- The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2)L$ in mL, where r (m=D/2) and L are in cm.
- For Imperial units, $V_s = \pi(r^2)L \cdot (2.54)^3$, where r and L are in inches.
- The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- For conductivity, the average value of three readings < 1 mS/cm ± 0.005 mS/cm or where conductivity > 1 mS/cm ± 0.01 mS/cm.

203



202

Project Name: Pegging / Coldwater
Ref. No.: 12636

Date: 9/12/11
Personnel: _____

W-1

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, $V_s(L)^{(2)}$:

Initial Depth to Water (m/ft): 4.41

[illegible]

Notes: (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.

(2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_w = \pi r^2 L$ in mL, where r ($r = D/2$) and L are in cm.

For Imperial units, $V_s = \pi(r^4)L^*(2.54)^3$, where r and L are in inches

(3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.

(4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge volumes have been purged (unless purge water remains visually turbid

and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .

(5) For conductivity, the average value of three readings $< 1 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

Trip Blank. 007
I.P. "008"

Project Name: Racer Pereg/Dr
Ref. No.: 12636

Date: _____
Personnel: _____

Date: 9-13-11

Well No.: PFZ-10

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, $V_s(L)^{(2)}$:

Initial Depth to Water (m/ft):

[illegible]

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2) \cdot L$ in mL, where r ($r=D/2$) and L are in cm. For Imperial units, $V_s = \pi(r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

Project Data:

Project Name:

Ref. No.:

Pelencin

97961

Date:

Personnel:

9-13-11

W. York

Monitoring Well Data:

Well No.:

FW-1

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, V_w (L)⁽²⁾:

Initial Depth to Water (m/ft):

[illegible]

Notes:

- Notes:
- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
 - (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2) \cdot L$ in mL, where r ($=D/2$) and L are in cm. For Imperial units, $V_s = \pi(r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
 - (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
 - (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
 - (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name:

Ref. No.:

receiving

32

Monitoring Well Data:

Well No.: MW 15-10

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)^(a):

Well Diameter, D (cm/in):

Well Screen Volume: $V_w \Omega^{(2)}$:

Initial Depth to Water (m/ft):

Discussion

from Initial

Water Level^(a)

Project Data:

Project Name:

Ref. No.:

Date:

Personnel:

Monitoring Well Data:

Well No.:

Vapour PID (ppm):

Measurement Point:

Constricted Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, $V_s(L)^{(2)}$:

Initial Depth to Water (m/ft):

Depth of Sediment (m/ft):		Drawdown from Initial Water Level ¹⁰	Depth to Water (m/ft)	Precision Required ¹⁰ :	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged ¹⁰
Time	(mL/min)				± 3 %	±0.005 or 0.01 ¹⁰	±10 %	±10 %	±0.1 Units	±10 mV		

[illegible]

Notes:

- Notes:
- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
 - (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2) \cdot L$, where r ($r=D/2$) and L are in cm. For Imperial units, $V_s = \pi(r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
 - (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
 - (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
 - (5) For conductivity, the average value of three readings $< 1 \text{ mS/cm} \pm 0.005 \text{ mS/cm}$ or where conductivity $> 1 \text{ mS/cm} \pm 0.01 \text{ mS/cm}$.

60-12636-0941-
54-014

Project Data:

Project Name:

Ref. No.:

Original/Collector
J 12-636

Date:

Personnel:

9/14/11

Monitoring Well Data:

Well No.: MWB-19A

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)^(a):

Well Diameter, D (cm/in):

Well Screen Volume, $V_s(L)^{(2)}$:

Initial Depth to Water (m/ft):

[illegible]

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2) \cdot L$ in mL, where r ($r=D/2$) and L are in cm. For Imperial units, $V_s = \pi(r^2) \cdot L \cdot (2.54)^2$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

6w-12636-091411-
J4-016
-017 dup

sample # 018

Peregrine
12636

Date: 9-14-11
Channel: J. Y. M.

Well No.: B27D

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)^(a):

Well Diameter, D (cm/in):

Well Screen Volume, $V_s(L)^{(2)}$:

Initial Depth to Water (m/ft):

[illegible]

bladder pump

NOTES: 019000 pump

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on 1.52 metres (5-foot) screen length (1). For metric units, $V_s = \pi(r)^2L$ in mL, where r ($r=D/2$) and L are in cm. For Imperial units, $V_s = \pi(r)^2L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

T + Dis. metals

Project Data:

Project Name:

Ref. No.:

Perazine / Coldwater Rd
12636

Date:

Personnel:

9/14/11

Monitoring Well Data:

Well No.: MWB-18A

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)^(a):

Well Diameter, D (cm/in):

Well Screen Volume, $V_s(L)^{(2)}$:

Initial Depth to Water (m/ft):

[illegible]

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi(r^2) \cdot L$ in mL, where r ($r=D/2$) and L are in cm. For imperial units, $V_s = \pi(r^2) \cdot L \cdot (2.54)^3$, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged= V_p/V_s .
- (5) For conductivity, the average value of three readings <1 mS/cm ± 0.005 mS/cm or where conductivity >1 mS/cm ± 0.01 mS/cm.

60-12636-091411 -
59-020

T. + Des. ref. 15

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: Longline
Ref. No.: 12436

Date: 9/5/16
Personnel: ASH

Monitoring Well Data:

Well No.: MB-B7
Vapour PID (ppm): _____
Measurement Point: _____
Constructed Well Depth (m/ft): _____
Measured Well Depth (m/ft): _____
Depth of Sediment (m/ft): _____

Saturated Screen Length (m/ft): _____
Depth to Pump Intake (m/ft)⁽¹⁾: _____
Well Diameter, D (cm/in): _____
Well Screen Volume, V_s (L)⁽²⁾: _____
Initial Depth to Water (m/ft): 23.71

Time	Pumping Rate (mL/min)	Depth to Water (m/ft)	Drawdown from Initial Water Level ⁽³⁾ (m/ft)	Temperature °C ±3 %	Conductivity (mS/cm) ±0.005 or 0.01 ⁽⁴⁾	Turbidity NTU ±10 %	DO (mg/L) ±10 %	pH ±0.1 Units	ORP (mV) ±10 mV	Volume Purged, V _p (L)	No. of Well Screen Volumes Purged ⁽⁵⁾

0630	100	23.71									
0700		26.43		13.11	1.023	2.32	2.67	6.87	121		
0705		26.76		13.00	1.029	2.18	2.66	6.94	119		
0710		27.03		12.93	0.977	1.63	3.90	7.03	113		
0715		27.49		12.86	0.951	1.53	4.57	7.02	118		
0720		27.97		12.90	0.953	1.33	4.48	7.09	118		
0725		28.62		12.92	0.947	1.29	4.46	7.10	118		
0726	sample										

Notes:

- The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_p = \pi r^2 L$ in mL, where r (r=D/2) and L are in cm. For Imperial units, $V_p = \pi r^2 L^* (2.54)^3$, where r and L are in inches.
- The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be stabilizing). No. of Well Screen Volumes Purged = V_p/V_s .
- For conductivity, the average value of three readings < 1 mS/cm ±0.005 mS/cm or where conductivity > 1 mS/cm ±0.01 mS/cm.

-022

Project Data:

Project Name: Post New / Collectors Rd

Date:

11/5/5

Personnel:

—

Monitoring Well Data:

Well No.: 030

Vapour PID (ppm):

Measurement Point:

Constructed Well Depth (m/ft):

Measured Well Depth (m/ft):

Depth of Sediment (m/ft):

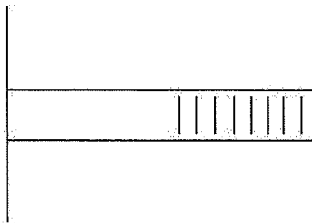
Saturated Screen Length (m/ft):

Depth to Pump Intake (m/ft)⁽¹⁾:

Well Diameter, D (cm/in):

Well Screen Volume, $V_s(L)^{(2)}$:

Initial Depth to Water (m/ft):



	Pumping Rate (mL/min)	Depth to Water (in/ft)	Drawdown from Initial ^(v) Water Level (in/ft)	Temperature °C	Conductivity (mS/cm)	Turbidity NTU	DO (mg/L)	pH	ORP (mV)	Volume Purged, Vp (L)	No. of Well Screen Volumes Purged ^(w)
Time											
				±3 %	±0.005 or 0.01 ⁽⁶⁾	±10 %	±10 %	±0.1 Units	±10 mV		

[illegible]

Notes:

- (1) The pump intake will be placed at the well screen mid-point or at a minimum of 0.6 m (2 ft) above any sediment accumulated at the well bottom.
- (2) The well screen volume will be based on a 1.52 metres (5-foot) screen length (L). For metric units, $V_s = \pi r^2 (r')^* L$ in mL, where r ($r' = D/2$) and L are in cm. For Imperial units, $V_s = \pi r^2 (r')^* L^*$ (2.54)³, where r and L are in inches
- (3) The drawdown from the initial water level should not exceed 0.1 m (0.3 ft). The pumping rate should not exceed 600 mL/min.
- (4) Purging will continue until stabilization is achieved or until 20 well screen volumes have been purged (unless purge water remains visually turbid and appears to be clearing, or unless stabilization parameters are varying slightly outside of the stabilization criteria and appear to be

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ATTACHMENT B
DATA VALIDATION REPORT

STRATIGRAPHY LOG (OVERBURDEN)

PAGE 1 OF 1

PROJECT NAME Peregrine / Coldwater
 PROJECT NUMBER 12636
 CLIENT Racer Trust
 LOCATION Flinty Mt

DRILLING CONTRACTOR Stearns
 DRILLER Tom
 SURFACE ELEVATION _____
 WEATHER (A.M.) _____
 (P.M.) overcast, breeze 30's

HOLE DESIGNATION BH101
 DATE/TIME STARTED 12/5/11
 DATE/TIME COMPLETED 12/5/11
 DRILLING METHOD Geoprobe
 CRA SUPERVISOR S Howemeyer

STRATIGRAPHIC INTERVALS (DEPTHS IN ft/m BGS)			SAMPLE DESCRIPTION		SAMPLE DETAILS										CHEMICAL	ANALYSIS	GRAIN SIZE	
FROM	AT	TO			SAMPLER #	SAMPLING METHOD	PENETRATION RECORD SPLIT SPOON BLOWS (RECORD N-VALUES & RECOVERIES)						SAMPLER	INTERVAL				P / F ID (ppm)
							6"	6"	6"	6"	N	R						
0		1/2		topsoil														
1/2		3		SP-sand, fine grained, poorly graded, trace fine gravel, brown, moist to dry (fill)														
3'		4'		CL-silty clay (fill), trace fine to med sand, trace fine gravel, brown mottled, moist														
4'		7		SW-sand, little silt, fine to med grained, trace fine gravel, moist, brown														
7'		8		SM-silty gravel, little fine to med grain sand, wet, brown (water bearing)														
8'		13		CL-silty clay (native), trace fine sand + gravel, mottled brown/grey, moist, low/med plasticity														
13'		15		CL-silty clay, grey, trace fine sand + gravel, moist														
	15			Both														
NOTES AND COMMENTS			DEPTH OF BOREHOLE CAVING _____ DEPTH OF FIRST GROUNDWATER ENCOUNTER _____ TOPSOIL THICKNESS <u>1/2'</u> WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____ AFTER _____ HOURS _____ COMPLETION DETAILS: _____ NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL NOTES: <u>collect H₂O sample at 1320, screen set at 5'-9' bgs, turb. 999 NTU</u>															



6W-12636-120511-SH-BH101

STRATIGRAPHY LOG (OVERBURDEN)

PAGE _____ OF _____

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
DRILLER _____
SURFACE ELEVATION _____
WEATHER (A.M.) _____
(P.M.) _____

HOLE DESIGNATION 5A102
DATE/TIME STARTED 12/5/11
DATE/TIME COMPLETED _____
DRILLING METHOD _____
CRA SUPERVISOR _____

[illegible]

STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
DRILLER _____
SURFACE ELEVATION _____
WEATHER (A.M.) _____
(P.M.) _____

HOLE DESIGNATION BH103
DATE/TIME STARTED 12/5/11
DATE/TIME COMPLETED _____
DRILLING METHOD _____
CRA SUPERVISOR _____

STRATIGRAPHIC INTERVALS (DEPTHS IN ft/m BGS)			SAMPLE DESCRIPTION	SAMPLE DETAILS										SAMPLER	INTERVAL	P / F ID	CHEMICAL	ANALYSIS	GRAIN SIZE
FROM	TO	AT		PENETRATION RECORD SPLIT SPOON BLOWS (RECORD N-VALUES & RECOVERIES)						SAMPLER	INTERVAL	P / F ID							
				6"	6"	6"	6"	N	R										
0		2.5	topsoil																
2.5		2	SP-sand (f.11), fine grained, poorly graded trace fine gravel, brown, dry																
2		3	SM-silty sand, trace fine gravel, fine grained brown moist to dry (f.11)																
3		4.5	SP-sand (f.11)																
4.5		6.5	CL-silty clay, organics, grey to black trace fine sand + gravel, moist to dry																
6.5		8.5	SM-silty sand, fine grained, trace gravel grey, moist to dry																
8.5		10.5	SW-sand, fine to med grained, trace silt, trace fine gravel, dry, light brown																
10.5			GP-gravel sand, trace silt, med grained, moist																
	12		wet, grey brown																
	18		18' tan, wet																
18		20																	
20		24	SW-sand, grey, med grained, well graded wet, trace gravel																
24		25	CL-sand, clay, grey moist, low plasticity																
NOTES AND COMMENTS			DEPTH OF BOREHOLE CAVING _____ DEPTH OF FIRST GROUNDWATER ENCOUNTER _____ TOPSOIL THICKNESS _____ WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____, AFTER _____ HOURS _____ COMPLETION DETAILS: _____ NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL. NOTES: collect H ₂ O sample at 1520, screen set at 14'-18' bgs, turb. 31 MTHs																



STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
 PROJECT NUMBER 12636
 CLIENT _____
 LOCATION _____

DRILLING CONTRACTOR _____
 DRILLER _____
 SURFACE ELEVATION _____
 WEATHER (A.M.) _____
 (P.M.) _____

HOLE DESIGNATION BH104
 DATE/TIME STARTED 12/6/11
 DATE/TIME COMPLETED _____
 DRILLING METHOD _____
 CRA SUPERVISOR _____

STRATIGRAPHIC INTERVALS (DEPTHS IN $\frac{ft}{m}$ BGS)			SAMPLE DESCRIPTION	SAMPLE DETAILS											CHEMICALS	ANALYSIS	GRAIN SIZE
FROM	AT	TO	ORDER OF DESCRIPTORS: SOIL TYPE SYMBOL(S) - PRIMARY COMPONENT(S), (NATURE OF DEPOSIT), SECONDARY COMPONENTS, RELATIVE DENSITY/CONSISTENCY, GRAIN SIZE/PLASTICITY, GRADATION/STRUCTURE, COLOUR, MOISTURE CONTENT, SUPPLEMENTARY DESCRIPTORS NOTE: PLASTICITY DETERMINATION REQUIRES THE ADDITION OF MOISTURE IF THE SAMPLE IS TOO DRY TO ROLL (INDICATE IF MOISTURE WAS ADDED OR NOT).	SAMPLE #	SAMPLING METHOD	PENETRATION RECORD SPLIT SPOON BLOWS (RECORD N-VALUES & RECOVERIES)						SAMPLER	INTERVAL	P / F ID (ppm)			
						6"	6"	6"	6"	N	R						
0		25	topsoil - surface water														
25			MH - sandy silt fine grained, mottled grey/brown, trace fine gravel, moist to dry														
	7		moist little gravel, wet														
	8																
		9															
9			CL - silty clay, grey, trace gravel, trace fine sand, low plasticity (scams of silty sand, wet to moist)														
		13															
13		14	SW - sandy, some fine gravel, moist to wet, brown, trace silt														
14		19	SM - silty sand, wet, brown, trace fine fine gravel														
19		25	CL - silty clay, grey, trace sand + fine gravel, moist, low plasticity														
		25	BH14														

DEPTH OF BOREHOLE CAVING _____ DEPTH OF FIRST GROUNDWATER ENCOUNTER _____ TOPSOIL THICKNESS _____

WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____, AFTER _____ HOURS _____

COMPLETION DETAILS: _____

NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL.

NOTES:
set screen at 15'-19' - unable to collect sample



STRATIGRAPHY LOG (OVERBURDEN)

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
DRILLER _____
SURFACE ELEVATION _____
WEATHER (A.M.) _____
(P.M.) _____

PAGE 105 OF _____
HOLE DESIGNATION BH 105
DATE/TIME STARTED 12/6/11
DATE/TIME COMPLETED _____
DRILLING METHOD _____
CRA SUPERVISOR _____

STRATIGRAPHIC INTERVALS (DEPTHS IN FEET/m BGS)			SAMPLE DESCRIPTION	SAMPLE DETAILS										C H E M I C A L	A N A L Y S I S	G R A I N S I Z E	
F R O M	A T	T O	ORDER OF DESCRIPTORS: SOIL TYPE SYMBOL(S) - PRIMARY COMPONENT(S), (NATURE OF DEPOSIT), SECONDARY COMPONENTS, RELATIVE DENSITY/CONSISTENCY, GRAIN SIZE/PLASTICITY, GRADATION/STRUCTURE, COLOUR, MOISTURE CONTENT, SUPPLEMENTARY DESCRIPTORS NOTE: PLASTICITY DETERMINATION REQUIRES THE ADDITION OF MOISTURE IF THE SAMPLE IS TOO DRY TO ROLL (INDICATE IF MOISTURE WAS ADDED OR NOT).	S A M P L E #	S A M P L E T H I C K N E S S	PENETRATION RECORD SPLIT SPOON BLOWS (RECORD N-VALUES & RECOVERIES)						S A M P L E	I N T E R V A L				P I D / F I D (ppm)
						6"	6"	6"	6"	N	R						
0		0.35	topsoil														
0.35		2.5	MH - sandy silt, mottled brown, dry trace gravel tan, fine grained														
		3.5															
3.5		7	SM - silty sand, light brown, dry, trace gravel														
7		8	SM - silty sand, tan, moist, trace gravel														
8		10	CL - silty clay, mottled brown/grey, trace fine sand + gravel, dry, low plasticity														
10		12	SW - sand, little gravel, trace silt, moist, grey														
12		18	CL - silty clay, mottled brown/grey, trace fine sand + gravel, moist to dry														
18		19	CL - silty clay, brown, hard, dry to moist														
19		24	CL - silty clay, grey, moist, trace gravel, low to med plasticity														
24		25	SM - silty sand, moist, trace gravel														
		25	BON														

DEPTH OF BOREHOLE CAVING _____ DEPTH OF FIRST GROUNDWATER ENCOUNTER _____ TOPSOIL THICKNESS _____

WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____, AFTER _____ HOURS _____

COMPLETION DETAILS: _____

NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL.

NOTES: _____

NOTES
AND
COMMENTS



STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
 DRILLER _____
 SURFACE ELEVATION _____
 WEATHER (A.M.) _____
 (P.M.) _____

HOLE DESIGNATION DA7106
DATE/TIME STARTED 12/6/11
DATE/TIME COMPLETED _____
DRILLING METHOD _____
CRA SUPERVISOR _____

[illegible]

STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
DRILLER _____
SURFACE ELEVATION _____
WEATHER (A.M.) _____
(P.M.) _____

HOLE DESIGNATION BIT 101
DATE/TIME STARTED 12/6/11
DATE/TIME COMPLETED _____
DRILLING METHOD _____
CRA SUPERVISOR _____

STRATIGRAPHIC INTERVALS (DEPTHS IN ft/m BGS)			SAMPLE DESCRIPTION		SAMPLE DETAILS										S A M P L E #	S A M P L E T H I N O D	P E N E T R A T I O N R E C O R D S P L I T S P O O N B L O W S (R E C O R D N - V A L U E S & R E C O V E R I E S)	S A M P L E	I N T E R V A L	P I D / F I D (ppm)	C H E M I C A L	A N A L Y S I S	G R A I N S I Z E
F R O M	A T	T O	ORDER OF DESCRIPTORS: SOIL TYPE SYMBOL(S) - PRIMARY COMPONENT(S), (NATURE OF DEPOSIT), SECONDARY COMPONENTS, RELATIVE DENSITY/CONSISTENCY, GRAIN SIZE/PLASTICITY, GRADATION/STRUCTURE, COLOUR, MOISTURE CONTENT, SUPPLEMENTARY DESCRIPTORS NOTE: PLASTICITY DETERMINATION REQUIRES THE ADDITION OF MOISTURE IF THE SAMPLE IS TOO DRY TO ROLL (INDICATE IF MOISTURE WAS ADDED OR NOT).	6"	6"	6"	6"	N	R														
0		2.5	topsoil																				
2.5			SM - silty sand, mottled brown/grey dry, trace gravel																				
	6	7	moist																				
7		8	SL - silty sand, little clay, grey, moist, trace gravel																				
8			MH - sandy silt, mottled brown/grey dry to moist, trace gravel																				
	9	11.5	moist to wet more silt																				
11.5		12	CL - silty clay, grey, trace gravel																				
12		15	CL - silty clay, brown mottled, trace gravel, firm, dry (sandy at some)																				
15		17	MH - sandy silt, trace gravel, brown, wet																				
17		18	CL - silty clay, grey																				
18	21	21	CL - silty clay, mottled brown/grey moist																				
22		25	CL - silty clay, grey, trace fine sand + gravel, moist																				
	25		BOH																				

NOTES AND COMMENTS

DEPTH OF BOREHOLE CAVING _____

DEPTH OF FIRST GROUNDWATER ENCOUNTER _____

TOPSOIL THICKNESS _____

WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____, AFTER _____ HOURS _____

COMPLETION DETAILS: _____

NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL.

NOTES:



STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
DRILLER _____
SURFACE ELEVATION _____
WEATHER (A.M.) _____
(P.M.) _____

HOLE DESIGNATION
DATE/TIME STARTED
DATE/TIME COMPLETED
DRILLING METHOD
CRA SUPERVISOR

[illegible]

STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
DRILLER _____
SURFACE ELEVATION _____
WEATHER (A.M.) _____
(P.M.) _____

HOLE DESIGNATION BH109
DATE/TIME STARTED 12/7/14
DATE/TIME COMPLETED _____
DRILLING METHOD _____
CRA SUPERVISOR _____

STRATIGRAPHIC INTERVALS (DEPTHS IN ft/m BGS)			SAMPLE DESCRIPTION	SAMPLE DETAILS										CHEMICAL	ANALYSIS	GRAIN SIZE
FROM	TO	A	ORDER OF DESCRIPTORS: SOIL TYPE SYMBOL(S) - PRIMARY COMPONENT(S), (NATURE OF DEPOSIT), SECONDARY COMPONENTS, RELATIVE DENSITY/CONSISTENCY, GRAIN SIZE/PLASTICITY, GRADATION/STRUCTURE, COLOUR, MOISTURE CONTENT, SUPPLEMENTARY DESCRIPTORS NOTE: PLASTICITY DETERMINATION REQUIRES THE ADDITION OF MOISTURE IF THE SAMPLE IS TOO DRY TO ROLL (INDICATE IF MOISTURE WAS ADDED OR NOT).	S A M P L E #	S A M P L E T H I N G D	PENETRATION RECORD SPLIT SPOON BLOWS (RECORD N-VALUES & RECOVERIES)						S A M P L E I N T E R V A L	P I D F I D (ppm)			
						6"	6"	6"	6"	N	R					
0	2.5		asphalt													
2.5			Lh - silty clay, brown / grey mottled, dry, trace gravel													
	3.5		more grey													
	4															
4	5.5		Lh - silty clay, grey, trace gravel trace sand, dry to moist, low plas.													
5.5	6		Sm - sandy silt, moist, brown													
6			Lh - silty clay, grey, moist, trace gravel, low plasticity													
	14		very little gravel													
	18															
18	19		Lh - silty clay, little sand mottled brown, grey, moist													
19	20		Lh - silty clay, grey, moist,													

DEPTH OF BOREHOLE CAVING _____ DEPTH OF FIRST GROUNDWATER ENCOUNTER _____ TOPSOIL THICKNESS _____

WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____, AFTER _____ HOURS _____

COMPLETION DETAILS: _____

NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL.

NOTES: _____



STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
PROJECT NUMBER 12636
CLIENT _____
LOCATION _____

DRILLING CONTRACTOR _____
DRILLER _____
SURFACE ELEVATION _____
WEATHER (A.M.) _____
(P.M.) _____

HOLE DESIGNATION BH110
DATE/TIME STARTED 12/7/11
DATE/TIME COMPLETED _____
DRILLING METHOD _____
CRA SUPERVISOR _____

STRATIGRAPHIC INTERVALS (DEPTHS IN ft/m BGS)			SAMPLE DESCRIPTION ORDER OF DESCRIPTORS: SOIL TYPE SYMBOL(S) - PRIMARY COMPONENT(S), (NATURE OF DEPOSIT), SECONDARY COMPONENTS, RELATIVE DENSITY/CONSISTENCY, GRAIN SIZE/PLASTICITY, GRADATION/STRUCTURE, COLOUR, MOISTURE CONTENT, SUPPLEMENTARY DESCRIPTORS NOTE: PLASTICITY DETERMINATION REQUIRES THE ADDITION OF MOISTURE IF THE SAMPLE IS TOO DRY TO ROLL (INDICATE IF MOISTURE WAS ADDED OR NOT).	S A M P L E #	S A M P L E T H I C K N E S S	SAMPLE DETAILS						S A M P L E I N T E R V A L	P I D F I D (ppm)	C H E M I C A L	A N A L Y S I S	G R A I N S I Z E
F R O M	A T	T O				PENETRATION RECORD SPLIT SPOON BLOWS (RECORD N-VALUES & RECOVERIES)										
						6"	6"	6"	6"	N	R					
0		.25	asphalt - broken up													
.25		.5	sand/gravel backfill													
.5		7.5	LL - silty clay, trace fine sand + gravel, mottled brown/grey, dry													
7.5		8.5	SM - silty sand, moist to wet, brown trace gravel													
8.5		10.5	LL - silty clay, grey, moist, trace gravel													
10.5		11	SM - silty sand													
11		12	LL - silty clay, mottled brown dry trace gravel													
12		14	moist													
14		15	LL - silty clay, grey, trace gravel, moist													

DEPTH OF BOREHOLE CAVING _____ DEPTH OF FIRST GROUNDWATER ENCOUNTER _____ TOPSOIL THICKNESS _____

WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____, AFTER _____ HOURS _____

COMPLETION DETAILS: _____

NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL.

NOTES: _____

NOTES
AND
COMMENTS



STRATIGRAPHY LOG (OVERBURDEN)

PAGE ____ OF ____

PROJECT NAME _____
 PROJECT NUMBER 12636
 CLIENT _____
 LOCATION _____

DRILLING CONTRACTOR _____
 DRILLER _____
 SURFACE ELEVATION _____
 WEATHER (A.M.) _____
 (P.M.) _____

HOLE DESIGNATION BH111
 DATE/TIME STARTED 12/7/14
 DATE/TIME COMPLETED _____
 DRILLING METHOD _____
 CRA SUPERVISOR _____

STRATIGRAPHIC INTERVALS (DEPTHS IN ft/m BGS)			SAMPLE DESCRIPTION		SAMPLE DETAILS												CHEMICAL	ANALYSIS	GRAIN SIZE
FROM	AT	TO	ORDER OF DESCRIPTORS: SOIL TYPE SYMBOL(S) - PRIMARY COMPONENT(S), (NATURE OF DEPOSIT), SECONDARY COMPONENTS, RELATIVE DENSITY/CONSISTENCY, GRAIN SIZE/PLASTICITY, GRADATION/STRUCTURE, COLOUR, MOISTURE CONTENT, SUPPLEMENTARY DESCRIPTORS NOTE: PLASTICITY DETERMINATION REQUIRES THE ADDITION OF MOISTURE IF THE SAMPLE IS TOO DRY TO ROLL (INDICATE IF MOISTURE WAS ADDED OR NOT).	SAMPLE #	SAMPLING METHOD	PENETRATION RECORD SPLIT SPOON BLOWS (RECORD N-VALUES & RECOVERIES)						SAMPLER	INTERVAL	P / F ID					
						6"	6"	6"	6"	N	R								
0		1.33	asphalt																
1.33		1.75	sand/gravel fill																
1.75	3	1.75	MSH-sandy silt, trace gravel, dry, brown moist to wet																
1.75		4																	
4		6.5	SW-sand fine reddish tan moist to dry, well graded (fill)																
6.5		9	CL-silty clay, mottled brown/grey trace fine sand & gravel, dry																
9		10.5	GP-sandy gravel, med grained sand, (fill) mottled various colors, dry, loose																
10.5		20	CL-silty clay grey moist, trace fine gravel, low plasticity																

DEPTH OF BOREHOLE CAVING _____

WATER LEVEL IN OPEN BOREHOLE ON COMPLETION _____, AFTER _____ HOURS _____

COMPLETION DETAILS: _____

DEPTH OF FIRST GROUNDWATER ENCOUNTER _____

TOPSOIL THICKNESS _____

NOTES AND COMMENTS

NOTE: FOR EACH SPLIT-SPOON SAMPLE, RECORD BLOW COUNTS, N-VALUE, SAMPLE RECOVERY LENGTH, AND SAMPLE INTERVAL.

NOTES:



ATTACHMENT C
HISTORICAL RESULTS FOR THE 2010-2011 MONITORING WELL NETWORK



**CONESTOGA-ROVERS
& ASSOCIATES**

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Plymouth, Michigan 48170
Telephone: (734) 453-5123 Fax: (734) 453-5201
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MEMORANDUM

TO: Mike Tomka

FROM: Paul Wiseman/tl/161/Det 

RE: Data Quality Assessment and Reduced Validation
Groundwater Monitoring – December 2011
RACER - Peregrine Site Genesee County, Michigan

REF. NO.: 12636

DATE: February 24, 2011

The following details a quality assessment and validation of the analytical data resulting from the December 2011 collection of 22 groundwater, and four (4) quality control samples from the RACER Peregrine Site in Genesee County, Michigan. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at Test America Laboratories, Inc, in North Canton, OH (TA-NC) in accordance with the methodologies presented in Table 2.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

- i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999;
- ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", EPA-540/R-94/013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

Sample Quantitation

The laboratory reported detected concentrations of volatile organic compounds (VOC) and inorganics below the laboratory's report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum.

Continuing Calibration – Inorganic Analyses

Continuing calibration verification (CCV) standards are analyzed at method specified frequency (one every 10 samples). The CCVs must meet the percent recovery control limits of 90 to 110 percent for metals by inductively coupled plasma (ICP) and ICP mass spectra (ICP/MS); 80 to 120 percent for mercury by cold vapor atomic absorption spectroscopy (CVAA) and 85 to 115 percent for cyanide by spectrophotometry. Criteria for inorganic analyses are the same criteria as used for assessing the initial calibration data.

Continuing Calibration – Inorganic Analyses (Continued)

The laboratory indicated that CCVs were analyzed at the appropriate frequency and the data were within the acceptance criteria with the exception of the qualified samples in Table 3.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The samples presented in Table 4 should be qualified due to laboratory contamination. The laboratory flagged the analytes with a “B” which may be disregarded. The remaining method blank samples did not contain target compounds with concentrations that impacted the investigative samples.

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples with the exception of the qualified samples presented in Table 5.

Matrix Spike/Matrix Spike Duplicate Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods or the laboratory and the NFG. The samples selected for MS/MSD analysis are identified in Table 1.

In some sample batches, non-Site-specific samples were utilized as MS/MSDs. Qualification of samples associated with these MS/MSDs was not performed. The MS/MSD percent recoveries and associated RPD acceptance criteria were met or did not warrant qualification.

Laboratory Control Sample Analyses

The laboratory control sample (LCS) analyses serves as a monitor of the overall performance in all steps of the sample analysis and is analyzed with each sample batch. The LCS percent recoveries were evaluated against method and laboratory established control limits.

The LCS percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved.

Field Quality Assurance/Quality Control

The field quality assurance/quality control consisted of two (2) field duplicate sample sets and two (2) trip blank samples.

Field Duplicate Samples

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. The RPDs associated with these duplicate samples must be less than 50 percent for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the RL, the evaluation criteria is one times the RL value for water samples.

The data indicate that an adequate level of precision was achieved for the sampling event.

Trip Blank Samples

To monitor potential cross-contamination of VOC during sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

The sample that should be qualified due to trip blank contamination is summarized in Table 6. No additional target analytes were reported as detected in the trip blank samples that impacted the investigative samples.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted.

TABLE 1

**SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN**

Analysis/Parameters											
Sample Identification			Location	Matrix	QC Samples	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	TCL VOC	Site TAL Metals (Total)	Site TAL Metals (Dissolved)	Cyanide (Total/Amenable)
CRA SDG No.: 11	TA-NC Job No.: 240-6591-1										
	GW-12636-120511-SH-BH101	BH-101	water			12/5/2011	1:20:00 PM	X	X	X	X
	GW-12636-120511-SH-BH103	BH-103	water			12/5/2011	3:20:00 PM	X	X	X	X
	TA-NC Lot No.: 240-6592-1										
CRA SDG No.: 12	GW-12636-120511-JY-402	PFW-1	water			12/5/2011	11:55:00 AM	X	X	X	X
	GW-12636-120511-JY-403	MW-4	water			12/5/2011	12:00:00 PM	X	X		X
	GW-12636-120511-JY-404	MW-4	water	DUP (-403)		12/5/2011	12:05:00 PM	X	X		X
	GW-12636-120511-JY-405	B-7	water			12/5/2011	2:40:00 PM	X	X	X	X
	GW-12636-120511-JY-406	B-18A	water			12/5/2011	4:00:00 PM	X	X	X	X
	TB-12636-120511-JY-401	--	water	Trip Blank		12/5/2011	--	X	X	X	X
	GW-12636-120611-JY-407	PFW-10	water	MS/MSD		12/6/2011	9:15:00 AM	X	X		X
	GW-12636-120611-JY-408	PFW-11	water			12/6/2011	10:30:00 AM	X	X		X
	GW-12636-120611-JY-409	MW-2	water			12/6/2011	11:50:00 AM	X	X	X	X
	GW-12636-120611-JY-410	PFW-9	water			12/6/2011	12:50:00 PM	X	X		X
CRA SDG No.: 13	GW-12636-120611-JY-411	PFW-2	water	MS/MSD-P		12/6/2011	2:00:00 PM	X	X		X
	GW-12636-120611-JY-412	B-19A	water			12/6/2011	3:35:00 PM	X	X		X
	TA-NC Lot No.: 240-6784-1										
	GW-12636-120711-JY-414	MW-1	water	MS/MSD-P		12/7/2011	8:35:00 AM	X	X		X
	GW-12636-120711-JY-415	B-9	water			12/7/2011	10:10:00 AM	X	X		X
	GW-12636-120711-JY-416	MW-16-10	water			12/7/2011	11:00:00 AM	X	X		X
	GW-12636-120711-JY-412	B-19A	water			12/7/2011	2:00:00 PM	X	X		X
	GW-12636-120711-JY-417	MW-15-10	water			12/7/2011	2:06:00 PM	X	X	X	X
	GW-12636-120711-JY-418	B-2D	water			12/7/2011	2:40:00 PM	X	X	X	X
	GW-12636-120711-JY-419	B-2D	water	DUP (-418)		12/7/2011	2:50:00 PM	X	X	X	X
TB-12636-120711-JY-413	--	water	Trip Blank		12/7/2011	--	X				
GW-12636-120811-JY-420	B-19AR	water			12/8/2011	9:05:00 AM	X	X	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

Sample Identification	Location	Matrix	QC Samples	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters			
						TCL VOC	Site TAL Metals (Total)	Site TAL Metals (Dissolved)	Cyanide (Total/Amenable)
CRA SDG No.: 13 (continued)									
TA-NC Lot No.: 240-6784-1									
GW-12636-120811-JY-421	B-20D	water		12/8/2011	10:40:00 AM	X	X	X	X
GW-12636-120811-JY-422	B-21D	water		12/8/2011	1:15:00 PM	X	X	X	X
GW-12636-120811-JY-423	B-27D	water		12/8/2011	3:25:00 PM	X	X	X	X

Notes:

DUP - Field Duplicate Sample of sample in parenthesis
MS/MSD - Matrix Spike/Matrix Spike Duplicate
MS/MSD-P - Matrix Spike/Matrix Spike Duplicate (Partial parameters)
QC - Quality Control
TAL - Target Analyte List
TCL - Target Compound List
VOC - Volatile Organic Compounds

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Method¹</i>	<i>Matrix</i>	<i>Holding Time</i>	<i>Preservation</i>
TCL VOC	SW-846 8260	Water	- 14 days from sample collection to completion of analysis.	pH < 2 and Iced, 4 ± 2° C
Site TAL Metals (Total/Dissolved)		Water	- 180 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
Aluminum	SW-846 6020			
Antimony	SW-846 6020			
Arsenic	SW-846 6010B			
Barium	SW-846 6010B			
Beryllium	SW-846 6010B			
Cadmium	SW-846 6010B			
Chromium	SW-846 6010B			
Cobalt	SW-846 6010B			
Copper	SW-846 6020			
Iron	SW-846 6010B			
Lead	SW-846 6010B			
Manganese	SW-846 6010B			
Nickel	SW-846 6010B			
Selenium	SW-846 6010B			
Silver	SW-846 6020			
Thallium	SW-846 6020			
Vanadium	SW-846 6010B			
Zinc	SW-846 6010B			
Mercury	SW-846 7470A	Water	- 28 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
General Chemistry				
Cyanide (Total/Amenable)	SW-846 9012	Water	- 14 days from sample collection to analysis	Iced, 4 ± 2° C

Notes¹ Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, 3rd Edition, and Promulgated updates, November 1986

TABLE 3

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Analyte</i>	<i>Calibration Date</i>	<i>% Recovery</i>	<i>Associated Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
Site TAL Metals	Nickel (dissolved)	12/12/2011	111	GW-12636-120511-SH-BH101	6.3 J	µg/L
				GW-12636-120511-SH-BH103	9.5 J	µg/L
Site TAL Metals	Nickel	12/12/2011	111	GW-12636-120511-SH-BH103	8.7 J	µg/L
				GW-12636-120511-JY-405	4.3 J	µg/L

Notes:

J - Estimated Concentration

TAL - Target Analyte List

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO METHOD BLANK CONTAMINATION
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
TCL VOC	Acetone	12/12/11	1.33 J	GW-12636-120511-SH-BH101	10 U	µg/L
TCL VOC	Acetone	12/13/11	1.31 J	GW-12636-120511-SH-BH103	10 U	µg/L
Site TAL Metals	Beryllium	12/12/11	0.493 J	GW-12636-120511-SH-BH103	1.0 U	µg/L
				GW-12636-120511-JY-403	1.0 U	µg/L
				GW-12636-120511-JY-404	1.0 U	µg/L
				GW-12636-120511-JY-405	1.0 U	µg/L
				GW-12636-120511-JY-406	1.0 U	µg/L
				GW-12636-120611-JY-408	1.0 U	µg/L
Site TAL Metals	Beryllium (dissolved)	12/12/11	0.493 J	GW-12636-120611-JY-409	1.0 U	µg/L
				GW-12636-120511-SH-BH101	1.0 U	µg/L
				GW-12636-120511-SH-BH103	1.0 U	µg/L
				GW-12636-120511-JY-402	1.0 U	µg/L
				GW-12636-120511-JY-405	1.0 U	µg/L
				GW-12636-120511-JY-406	1.0 U	µg/L
Site TAL Metals	Copper	12/12/11	0.490 J	GW-12636-120611-JY-409	1.0 U	µg/L
				GW-12636-120511-JY-402	2.0 U	µg/L
				GW-12636-120511-JY-403	2.0 U	µg/L
				GW-12636-120511-JY-404	2.0 U	µg/L
				GW-12636-120511-JY-406	2.0 U	µg/L
				GW-12636-120611-JY-407	2.0 U	µg/L
Site TAL Metals	Copper (dissolved)	12/12/11	0.490 J	GW-12636-120611-JY-409	2.0 U	µg/L
				GW-12636-120511-SH-BH101	2.0 U	µg/L
				GW-12636-120511-SH-BH103	2.0 U	µg/L
				GW-12636-120511-JY-402	2.0 U	µg/L
				GW-12636-120511-JY-406	2.0 U	µg/L
				GW-12636-120611-JY-409	2.0 U	µg/L

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO METHOD BLANK CONTAMINATION
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
Site TAL Metals	Thallium	12/12/11	0.683 J	GW-12636-120511-SH-BH101	1.0 U	µg/L
				GW-12636-120511-SH-BH103	1.0 U	µg/L
				GW-12636-120611-JY-407	1.0 U	µg/L
Site TAL Metals	Thallium (dissolved)	12/12/11	0.683 J	GW-12636-120511-SH-BH101	1.0 U	µg/L
				GW-12636-120511-SH-BH103	1.0 U	µg/L
Site TAL Metals	Antimony	12/19/11	1.53 J	GW-12636-120611-JY-411	2.0 U	µg/L
				GW-12636-120611-JY-412	2.0 U	µg/L
Site TAL Metals	Copper	12/19/11	0.692 J	GW-12636-120611-JY-411	2.0 U	µg/L
				GW-12636-120611-JY-412	2.0 U	µg/L
Site TAL Metals	Manganese	12/19/11	0.728 J	GW-12636-120611-JY-412	15 U	µg/L
Site TAL Metals	Zinc	12/19/11	13.3 J	GW-12636-120611-JY-412	20 U	µg/L
Site TAL Metals	Antimony	12/20/11	1.06 J	GW-12636-120711-JY-414	2.0 U	µg/L
				GW-12636-120711-JY-415	2.0 U	µg/L
				GW-12636-120711-JY-416	2.0 U	µg/L
				GW-12636-120711-JY-417	2.0 U	µg/L
				GW-12636-120711-JY-418	2.0 U	µg/L
				GW-12636-120711-JY-419	2.0 U	µg/L
				GW-12636-120811-JY-420	2.0 U	µg/L
Site TAL Metals	Antimony (dissolved)	12/20/11	1.06 J	GW-12636-120811-JY-421	2.0 U	µg/L
				GW-12636-120711-JY-412	2.0 U	µg/L
				GW-12636-120711-JY-417	2.0 U	µg/L
				GW-12636-120711-JY-418	2.0 U	µg/L
				GW-12636-120811-JY-420	2.0 U	µg/L
				GW-12636-120811-JY-421	2.0 U	µg/L

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO METHOD BLANK CONTAMINATION
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
Site TAL Metals	Copper	12/20/11	0.749 J	GW-12636-120711-JY-415	2.0 U	µg/L
				GW-12636-120711-JY-417	2.0 U	µg/L
				GW-12636-120811-JY-421	2.6 U	µg/L
Site TAL Metals	Copper (dissolved)	12/20/11	0.749 J	GW-12636-120711-JY-412	2.0 U	µg/L
				GW-12636-120711-JY-418	2.0 U	µg/L
				GW-12636-120711-JY-419	2.0 U	µg/L
				GW-12636-120811-JY-421	2.0 U	µg/L
Site TAL Metals	Manganese (dissolved)	12/20/11	0.759 J	GW-12636-120611-JY-412	15 U	µg/L
Site TAL Metals	Thallium	12/20/11	0.334 J	GW-12636-120711-JY-414	1.0 U	µg/L
				GW-12636-120711-JY-415	1.0 U	µg/L
				GW-12636-120711-JY-416	1.0 U	µg/L
				GW-12636-120711-JY-417	1.0 U	µg/L
				GW-12636-120711-JY-418	1.0 U	µg/L
				GW-12636-120711-JY-419	1.0 U	µg/L
Site TAL Metals	Zinc	12/20/11	8.15 J	GW-12636-120811-JY-420	1.0 U	µg/L
				GW-12636-120811-JY-421	1.0 U	µg/L
				GW-12636-120711-JY-414	29 U	µg/L
				GW-12636-120711-JY-418	20 U	µg/L
				GW-12636-120711-JY-419	20 U	µg/L
				GW-12636-120811-JY-420	39 U	µg/L
Site TAL Metals	Zinc (dissolved)	12/20/11	8.15 J	GW-12636-120811-JY-421	20 U	µg/L
				GW-12636-120811-JY-420	20 U	µg/L
Site TAL Metals	Antimony	12/23/11	0.929 J	GW-12636-120611-JY-410	2.0 U	µg/L
Site TAL Metals	Copper	12/23/11	0.912 J	GW-12636-120611-JY-410	2.0 U	µg/L

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO METHOD BLANK CONTAMINATION
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
Site TAL Metals	Manganese	12/23/11	3.03 J	GW-12636-120611-Y-410	15 U	µg/L

Notes:

U - Qualified as Not Detected at the report limit
J - Estimated Concentration

TAL - Target Analyte List
TCL - Target Compound List
VOC - Volatile Organic Compounds

TABLE 5

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Analyte</i>	<i>Surrogate</i>	<i>Surrogate % Rec</i>	<i>Control Limits % Rec</i>	<i>Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
TCL VOC	Chloroform	1,2-Dichloroethane-d4	134	63-129	GW-12636-120711-JY-417	0.61 J	µg/L
TCL VOC	Acetone	1,2-Dichloroethane-d4	132	63-129	TB-12636-120711-JY-413	1.3 J	µg/L

Notes:

- J - Estimated Concentration
- %Rec - Percent Recovery
- TAL - Target Analyte List
- TCL - Target Compound List
- VOC - Volatile Organic Compounds

TABLE 6

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO TRIP BLANK CONTAMINATION
GROUNDWATER MONITORING - DECEMBER 2011
RACER PEREGRINE SITE
GENESEE COUNTY, MICHIGAN

<i>Parameter</i>	<i>Analyte</i>	<i>Blank Date</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Qualified Result</i>	<i>Units</i>
TCL VOC	Acetone	12/07/11	1.3	GW-12636-120711-JY-416	10 U	µg/L

Notes:

U - Qualified as Not Detected at the report limit

ATTACHMENT D
PERIMETER INVESTIGATION STRATIGRAPHY LOGS

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**B-2D**GW-12636-051211-SSH-107**5/12/2011**Parameters:**Units**a**b**c**d**e**f**Volatile Organic Compounds*

1,1,1,2-Tetrachloroethane	mg/L	30	0.32	96	0.077	15	-	-
1,1,1-Trichloroethane	mg/L	1300	0.2	1300	0.2	660	0.089	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	4.7	0.035	77	0.0085	12	0.078	0.001 U
1,1,2-Trichloroethane	mg/L	21	0.005	110	0.005	17	0.33	0.001 U
1,1-Dichloroethane	mg/L	2400	2.5	2300	0.88	1000	0.74	0.001 U
1,1-Dichloroethene	mg/L	11	0.007	1.3	0.007	0.2	0.13	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-	-	-	-
1,2,3-Trichloropropane	mg/L	84	0.12	180	0.042	83	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	19	0.07	300	0.07	300	0.099	0.005 U
1,2,4-Trimethylbenzene	mg/L	56	0.063	56	0.063	56	0.017	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.39	0.0002	1.2	0.0002	1.2	-	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.025	0.00005	15	0.00005	2.4	0.0057	0.001 U
1,2-Dichlorobenzene	mg/L	160	0.6	160	0.6	160	0.013	0.001 U
1,2-Dichloroethane	mg/L	19	0.005	59	0.005	9.6	0.36	0.001 U
1,2-Dichloropropane	mg/L	16	0.005	36	0.005	16	0.23	0.001 U
1,3,5-Trimethylbenzene	mg/L	61	0.072	61	0.072	61	0.045	0.001 U
1,3-Dichlorobenzene	mg/L	2	0.019	41	0.0066	18	0.028	0.001 U
1,4-Dichlorobenzene	mg/L	6.4	0.075	74	0.075	16	0.017	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	240000	38	240000	13	240000	2.2	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-	-	-	-
2-Hexanone	mg/L	5200	2.9	8700	1	4200	-	0.05 U
2-Methylnaphthalene	mg/L	25	0.75	25	0.26	25	0.019	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	4.4	0.23	-	0.08	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	13000	5.2	20000	1.8	20000	-	0.05 U
Acetone	mg/L	31000	2.1	1000000	0.73	1000000	1.7	0.025 U
Acrylonitrile	mg/L	14	0.011	190	0.0026	34	0.002	-
Benzene	mg/L	11	0.005	35	0.005	5.6	0.2	0.001 U
Bromobenzene	mg/L	12	0.05	390	0.018	180	-	-
Bromodichloromethane	mg/L	14	0.08	37	0.08	4.8	-	0.001 U
Bromoform	mg/L	140	0.08	3100	0.08	470	-	0.001 U
Bromomethane (Methyl bromide)	mg/L	70	0.029	9	0.01	4	0.035	0.001 U
Carbon disulfide	mg/L	1200	2.3	550	0.8	250	-	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**B-2D**GW-12636-051211-SSH-107**5/12/2011*

<i>Parameters:</i>	<i>Units</i>	a	b	c	d	e	f	
Carbon tetrachloride	mg/L	4.6	0.005	2.4	0.005	0.37	0.045	0.001 U
Chlorobenzene	mg/L	86	0.1	470	0.1	210	0.025	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-	-	-
Chloroethane	mg/L	440	1.7	5700	0.43	5700	1.1	0.001 U
Chloroform (Trichloromethane)	mg/L	150	0.08	180	0.08	28	0.35	0.001 U
Chloromethane (Methyl chloride)	mg/L	490	1.1	45	0.26	8.6	-	0.001 U
cis-1,2-Dichloroethene	mg/L	200	0.07	210	0.07	93	0.62	0.001 U
cis-1,3-Dichloropropene	mg/L	-	-	-	-	-	-	0.001 U
Cyclohexane	mg/L	-	-	-	-	-	-	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-	-	-	-
Dibromochloromethane	mg/L	18	0.08	110	0.08	14	-	0.001 U
Dibromomethane	mg/L	530	0.23	-	0.08	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	300	4.8	300	1.7	220	-	0.001 U
Diisopropyl ether	mg/L	8	0.086	8	0.03	8	-	-
Ethyl ether	mg/L	35000	0.01	61000	0.01	61000	-	-
Ethylbenzene	mg/L	170	0.074	170	0.074	110	0.018	0.001 U
Hexachloroethane	mg/L	1.9	0.021	50	0.0073	27	0.0067	-
Iodomethane	mg/L	-	-	-	-	-	-	-
Isopropyl benzene	mg/L	56	2.3	56	0.8	56	0.028	0.005 U
m&p-Xylenes	mg/L	-	-	-	-	-	-	-
Methyl acetate	mg/L	-	-	-	-	-	-	0.01 U
Methyl cyclohexane	mg/L	-	-	-	-	-	-	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	610	0.04	47000	0.04	47000	7.1	0.005 U
Methylene chloride	mg/L	220	0.005	1400	0.005	220	1.5	0.005 U
Naphthalene	mg/L	31	1.5	31	0.52	31	0.011	-
N-Butylbenzene	mg/L	5.9	0.23	-	0.08	-	-	-
N-Propylbenzene	mg/L	15	0.23	-	0.08	-	-	-
o-Xylene	mg/L	190	0.28	190	0.28	190	0.041	-
Styrene	mg/L	9.7	0.1	310	0.1	170	0.08	0.001 U
tert-Amyl methyl ether	mg/L	2600	0.19	570	0.19	260	-	-
tert-Butyl alcohol	mg/L	79000	11	1000000	3.9	1000000	-	-
tert-Butyl ethyl ether	mg/L	-	0.049	5600	0.049	2900	-	-
tert-Butylbenzene	mg/L	8.9	0.23	-	0.08	-	-	-
Tetrachloroethene	mg/L	12	0.005	170	0.005	25	0.06	0.001 U
Tetrahydrofuran	mg/L	1600	0.27	16000	0.095	6900	11	-
Toluene	mg/L	530	0.79	530	0.79	530	0.27	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**B-2D**GW-12636-051211-SSH-107**5/12/2011*

<i>Parameters:</i>	<i>Units</i>	a	b	c	d	e	f	
trans-1,2-Dichloroethene	mg/L	220	0.1	200	0.1	85	1.5	0.001 U
trans-1,3-Dichloropropene	mg/L	-	-	-	-	-	-	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-	-	-
Trichloroethene	mg/L	22	0.005	97	0.005	15	0.2	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	1100	7.3	1100	2.6	1100	-	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	170	170	170	170	170	0.032	0.001 U
Vinyl chloride	mg/L	1	0.002	13	0.002	1.1	0.013	0.001 U
Xylenes (total)	mg/L	190	0.28	190	0.28	190	0.041	0.002 U

Semi-volatile Organic Compounds

1,2,4-Trichlorobenzene	mg/L	19	0.07	300	0.07	300	0.099	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	170	2.1	-	0.73	-	-	-
2,4,6-Trichlorophenol	mg/L	10	0.47	-	0.12	-	0.005	-
2,4-Dichlorophenol	mg/L	48	0.21	-	0.073	-	0.011	-
2,4-Dimethylphenol	mg/L	520	1	-	0.37	-	0.38	-
2,4-Dinitrophenol	mg/L	-	-	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	8.6	0.032	-	0.0077	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-	-	-	-
2-Chloronaphthalene	mg/L	6.7	5.2	-	1.8	-	-	-
2-Chlorophenol	mg/L	94	0.13	-	0.045	-	0.018	-
2-Methylnaphthalene	mg/L	25	0.75	25	0.26	25	0.019	-
2-Methylphenol	mg/L	810	1	-	0.37	-	0.03	-
2-Nitroaniline	mg/L	-	-	-	-	-	-	-
2-Nitrophenol	mg/L	79	0.058	-	0.02	-	-	-
3,3'-Dichlorobenzidine	mg/L	0.18	0.0043	-	0.0011	-	0.0003	-
3-Nitroaniline	mg/L	-	-	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	9.5	0.02	-	0.02	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-	-	-	-
4-Chloro-3-methylphenol	mg/L	79	0.42	-	0.15	-	0.0074	-
4-Chloroaniline	mg/L	-	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-	-	-	-
4-Methylphenol	mg/L	810	1	-	0.37	-	0.03	-
4-Nitroaniline	mg/L	-	-	-	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**B-2D**GW-12636-051211-SSH-107**5/12/2011*

<i>Parameters:</i>	<i>Units</i>	a	b	c	d	e	f	
Acenaphthene	mg/L	4.2	3.8	4.2	1.3	4.2	0.038	-
Acenaphthylene	mg/L	3.9	0.15	3.9	0.052	3.9	-	-
Anthracene	mg/L	0.043	0.043	0.043	0.043	0.043	-	-
Benzo(a)anthracene	mg/L	0.0094	0.0085	-	0.0021	-	-	-
Benzo(a)pyrene	mg/L	0.001	0.005	-	0.005	-	-	-
Benzo(b)fluoranthene	mg/L	0.0015	0.0015	-	0.0015	-	-	-
Benzo(g,h,i)perylene	mg/L	0.001	0.001	-	0.001	-	-	-
Benzo(k)fluoranthene	mg/L	0.001	0.001	-	0.001	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	5.7	0.0083	210	0.002	38	0.001	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	0.32	0.006	-	0.006	-	0.025	-
Butyl benzylphthalate (BBP)	mg/L	2.7	2.7	-	1.2	-	0.067	-
Carbazole	mg/L	7.4	0.35	-	0.085	-	0.01	-
Chrysene	mg/L	0.0016	0.0016	-	0.0016	-	-	-
Dibenz(a,h)anthracene	mg/L	0.002	0.002	-	0.002	-	-	-
Dibenzofuran	mg/L	-	-	10	-	10	0.004	-
Diethyl phthalate	mg/L	1100	16	-	5.5	-	0.11	-
Dimethyl phthalate	mg/L	4200	210	-	73	-	-	-
Di-n-butylphthalate (DBP)	mg/L	11	2.5	-	0.88	-	0.0097	-
Di-n-octyl phthalate (DnOP)	mg/L	0.4	0.38	-	0.13	-	-	-
Fluoranthene	mg/L	0.21	0.21	0.21	0.21	0.21	0.0016	-
Fluorene	mg/L	2	2	2	0.88	2	0.012	-
Hexachlorobenzene	mg/L	0.0046	0.001	3	0.001	0.44	0.0002	-
Hexachlorobutadiene	mg/L	0.4	0.042	3.2	0.015	1.6	0.000053	-
Hexachlorocyclopentadiene	mg/L	1.6	0.05	0.42	0.05	0.13	-	-
Hexachloroethane	mg/L	1.9	0.021	50	0.0073	27	0.0067	-
Indeno(1,2,3-cd)pyrene	mg/L	0.002	0.002	-	0.002	-	-	-
Isophorone	mg/L	990	3.1	-	0.77	-	1.3	-
Naphthalene	mg/L	31	1.5	31	0.52	31	0.011	-
Nitrobenzene	mg/L	11	0.0096	550	0.0034	280	0.18	-
N-Nitrosodi-n-propylamine	mg/L	0.36	0.005	-	0.005	-	-	-
N-Nitrosodiphenylamine	mg/L	35	1.1	-	0.27	-	-	-
Pentachlorophenol	mg/L	0.2	0.001	-	0.001	-	-	-
Phenanthrene	mg/L	1	0.15	1	0.052	1	0.002	-
Phenol	mg/L	29000	13	-	4.4	-	0.45	-
Pyrene	mg/L	0.14	0.14	0.14	0.14	0.14	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**B-2D**GW-12636-051211-SSH-107**5/12/2011**Parameters:**Units**a**b**c**d**e**f**Metals*

Aluminum	mg/L	64000	0.05	-	0.05	-	-	0.498 ^{ua}
Aluminum (dissolved)	mg/L	64000	0.05	-	0.05	-	-	-
Antimony	mg/L	68	0.006	-	0.006	-	0.13	0.002 U
Antimony (dissolved)	mg/L	68	0.006	-	0.006	-	0.13	-
Arsenic	mg/L	4.3	0.01	-	0.01	-	0.01	0.004 J
Arsenic (dissolved)	mg/L	4.3	0.01	-	0.01	-	0.01	-
Barium	mg/L	14000	2	-	2	-	-	0.0833 J
Barium (dissolved)	mg/L	14000	2	-	2	-	-	-
Beryllium	mg/L	290	0.004	-	0.004	-	-	0.001 U
Beryllium (dissolved)	mg/L	290	0.004	-	0.004	-	-	-
Cadmium	mg/L	190	0.005	-	0.005	-	-	0.001 U
Cadmium (dissolved)	mg/L	190	0.005	-	0.005	-	-	-
Chromium	mg/L	460	0.1	-	0.1	-	0.011	0.005 U
Chromium (dissolved)	mg/L	460	0.1	-	0.1	-	0.011	-
Cobalt	mg/L	2400	0.1	-	0.04	-	0.1	0.007 U
Cobalt (dissolved)	mg/L	2400	0.1	-	0.04	-	0.1	-
Copper	mg/L	7400	1	-	1	-	-	0.0091
Copper (dissolved)	mg/L	7400	1	-	1	-	-	-
Iron	mg/L	58000	0.3	-	0.3	-	-	3.23 ^{ua}
Iron (dissolved)	mg/L	58000	0.3	-	0.3	-	-	-
Lead	mg/L	-	0.004	-	0.004	-	-	0.003 U
Lead (dissolved)	mg/L	-	0.004	-	0.004	-	-	-
Manganese	mg/L	9100	0.05	-	0.05	-	-	0.167 ^{ua}
Manganese (dissolved)	mg/L	9100	0.05	-	0.05	-	-	-
Mercury	mg/L	0.056	0.002	0.056	0.002	0.056	0.0000013	0.0002 U
Mercury (dissolved)	mg/L	0.056	0.002	0.056	0.002	0.056	0.0000013	-
Molybdenum	mg/L	970	0.21	-	0.073	-	3.2	-
Molybdenum (dissolved)	mg/L	970	0.21	-	0.073	-	3.2	-
Nickel	mg/L	74000	0.1	-	0.1	-	-	0.02 U
Nickel (dissolved)	mg/L	74000	0.1	-	0.1	-	-	-
Selenium	mg/L	970	0.05	-	0.05	-	0.005	0.005 U
Selenium (dissolved)	mg/L	970	0.05	-	0.05	-	0.005	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**B-2D**GW-12636-051211-SSH-107**5/12/2011**Parameters:*

	<i>Units</i>	a	b	c	d	e	f	
Silver	mg/L	1500	0.098	-	0.034	-	0.0002	0.0002 U
Silver (dissolved)	mg/L	1500	0.098	-	0.034	-	0.0002	-
Sodium (dissolved)	mg/L	1000000	350	-	120	-	-	-
Thallium	mg/L	13	0.002	-	0.002	-	0.0037	0.001 U
Thallium (dissolved)	mg/L	13	0.002	-	0.002	-	0.0037	-
Vanadium	mg/L	970	0.062	-	0.0045	-	0.012	0.004 U
Vanadium (dissolved)	mg/L	970	0.062	-	0.0045	-	0.012	-
Zinc	mg/L	110000	5	-	2.4	-	-	0.02 U
Zinc (dissolved)	mg/L	110000	5	-	2.4	-	-	-

Pesticides

Aroclor-1016 (PCB-1016)	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-
Aroclor-1221 (PCB-1221)	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-
Aroclor-1232 (PCB-1232)	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-
Aroclor-1242 (PCB-1242)	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-
Aroclor-1248 (PCB-1248)	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-
Aroclor-1254 (PCB-1254)	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-
Aroclor-1260 (PCB-1260)	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-
Total PCBs	mg/L	0.0033	0.0005	0.045	0.0005	0.045	0.0002	-

General Chemistry

Conductance, specific	umhos/cm	-	-	-	-	-	-	-
Cyanide (amenable)	mg/L	57	0.2	-	0.2	-	-	0.010 U
Cyanide (total)	mg/L	57	0.2	-	0.2	-	0.0052	-
pH	s.u.	-	6.5 - 8.5	-	6.5 - 8.5	-	-	-
Temperature, field	Deg C	-	-	-	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:	B-2D	B-2D	B-2D	B-7
Sample ID:	GW-12636-091411-JY-019	GW-12636-120711-JY-418	GW-12636-120711-JY-419	GW-12636-0915-SSH-022
Sample Date:	9/14/2011	12/7/2011	12/7/2011 (Duplicate)	9/15/2011
Parameters:	Units			
Volatile Organic Compounds				
1,1,1,2-Tetrachloroethane	mg/L	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 UJ	0.001 U	0.001 UJ
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 UJ	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U
Acetone	mg/L	0.01 U	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 UJ	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-2D</i>	<i>B-2D</i>	<i>B-2D</i>	<i>B-7</i>
<i>Sample ID:</i>		<i>GW-12636-091411-JY-019</i>	<i>GW-12636-120711-JY-418</i>	<i>GW-12636-120711-JY-419</i>	<i>GW-12636-0915-SSH-022</i>
<i>Sample Date:</i>		<i>9/14/2011</i>	<i>12/7/2011</i>	<i>12/7/2011</i> <i>(Duplicate)</i>	<i>9/15/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-2D</i>	<i>B-2D</i>	<i>B-2D</i>	<i>B-7</i>
<i>Sample ID:</i>		<i>GW-12636-091411-JY-019</i>	<i>GW-12636-120711-JY-418</i>	<i>GW-12636-120711-JY-419</i>	<i>GW-12636-0915-SSH-022</i>
<i>Sample Date:</i>		<i>9/14/2011</i>	<i>12/7/2011</i>	<i>12/7/2011</i> <i>(Duplicate)</i>	<i>9/15/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-2D</i>	<i>B-2D</i>	<i>B-2D</i>	<i>B-7</i>
<i>Sample ID:</i>	<i>GW-12636-091411-JY-019</i>	<i>GW-12636-120711-JY-418</i>	<i>GW-12636-120711-JY-419</i>	<i>GW-12636-0915-SSH-022</i>
<i>Sample Date:</i>	<i>9/14/2011</i>	<i>12/7/2011</i>	<i>12/7/2011</i> <i>(Duplicate)</i>	<i>9/15/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:*

B-2D
GW-12636-091411-JY-019
9/14/2011

B-2D
GW-12636-120711-JY-418
12/7/2011

B-2D
GW-12636-120711-JY-419
12/7/2011
(Duplicate)

B-7
GW-12636-0915-SSH-022
9/15/2011

*Parameters:**Units**Metals*

Aluminum	mg/L	0.26 ^{bu}	1.6 ^{bu}	1.7 ^{bu}	0.26 ^{bu}
Aluminum (dissolved)	mg/L	0.05 U	0.044 J	0.055 ^{bu}	0.05 U
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Arsenic	mg/L	0.013 ^{bu}	0.0038 J	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	0.014 ^{bu}	0.005 U	0.005 U	0.005 U
Barium	mg/L	0.31	0.084 J	0.093 J	0.054 J
Barium (dissolved)	mg/L	0.33	0.075 J	0.079 J	0.051 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chromium	mg/L	0.005 U	0.0031 J	0.003 J	0.005 U
Chromium (dissolved)	mg/L	0.005 U	0.005 U	0.0022 J	0.005 U
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.0021 U	0.004	0.0043	0.0025 U
Copper (dissolved)	mg/L	0.002 U	0.002 U	0.002 U	0.0027 U
Iron	mg/L	2.2 ^{bu}	1.9 ^{bu}	2.2 ^{bu}	0.3
Iron (dissolved)	mg/L	1.4 ^{bu}	0.1 U	0.091 J	0.1 U
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.13 ^{bu}	0.052 ^{bu}	0.057 ^{bu}	0.03
Manganese (dissolved)	mg/L	0.08 ^{bu}	0.0064 J	0.0074 J	0.0036 J
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.0044 J
Nickel (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-2D</i>	<i>B-2D</i>	<i>B-2D</i>	<i>B-7</i>
<i>Sample ID:</i>		<i>GW-12636-091411-JY-019</i>	<i>GW-12636-120711-JY-418</i>	<i>GW-12636-120711-JY-419</i>	<i>GW-12636-0915-SSH-022</i>
<i>Sample Date:</i>		<i>9/14/2011</i>	<i>12/7/2011</i>	<i>12/7/2011</i> <i>(Duplicate)</i>	<i>9/15/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.0021 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.001 U	0.00014 J	0.0004 J	0.001 U
Vanadium	mg/L	0.004 U	0.0041	0.0032 J	0.004 U
Vanadium (dissolved)	mg/L	0.004 U	0.004 U	0.00087 J	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-7</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-405</i>	<i>B-9~6/21/1995~N~LB</i>	<i>B-9~8/31/1995~N~LB</i>	<i>B-9~2/9/1996~N~LB</i>	<i>B-9~6/19/1996~N~LB</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>6/21/1995</i>	<i>8/31/1995</i>	<i>2/9/1996</i>	<i>6/19/1996</i>
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	-	-	-	-
1,1,2-Trichloroethane	mg/L	0.001 U	-	-	-	-
1,1-Dichloroethane	mg/L	0.001 U	-	-	-	-
1,1-Dichloroethene	mg/L	0.001 U	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	0.001 U	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	-	-	-	-
1,2-Dichlorobenzene	mg/L	0.001 U	-	-	-	-
1,2-Dichloroethane	mg/L	0.001 U	-	-	-	-
1,2-Dichloropropane	mg/L	0.001 U	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	0.001 U	-	-	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	-	-	-	-
1,4-Dichlorobenzene	mg/L	0.001 U	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	-	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-	-
2-Hexanone	mg/L	0.01 U	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	-	-	-	-
Acetone	mg/L	0.01 U	-	-	-	-
Acrylonitrile	mg/L	-	-	-	-	-
Benzene	mg/L	0.001 U	-	-	-	-
Bromobenzene	mg/L	-	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	-	-	-	-
Bromoform	mg/L	0.001 U	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	0.001 U	-	-	-	-
Carbon disulfide	mg/L	0.005 U	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-7</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-405</i>	<i>B-9~6/21/1995~N~LB</i>	<i>B-9~8/31/1995~N~LB</i>	<i>B-9~2/9/1996~N~LB</i>	<i>B-9~6/19/1996~N~LB</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>6/21/1995</i>	<i>8/31/1995</i>	<i>2/9/1996</i>	<i>6/19/1996</i>
<i>Parameters:</i>	<i>Units</i>					
Carbon tetrachloride	mg/L	0.001 U	-	-	-	-
Chlorobenzene	mg/L	0.001 U	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-	-
Chloroethane	mg/L	0.001 U	-	-	-	-
Chloroform (Trichloromethane)	mg/L	0.001 U	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	0.001 U	-	-	-	-
cis-1,2-Dichloroethene	mg/L	0.001 U	-	-	-	-
cis-1,3-Dichloropropene	mg/L	0.001 U	-	-	-	-
Cyclohexane	mg/L	0.001 U	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	-	-	-	-
Dibromomethane	mg/L	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-	-
Ethyl ether	mg/L	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-
Iodomethane	mg/L	-	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-
Methyl acetate	mg/L	0.01 U	-	-	-	-
Methyl cyclohexane	mg/L	0.001 U	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	-	-	-	-
Methylene chloride	mg/L	0.005 U	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-
Styrene	mg/L	0.001 U	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-	-
Toluene	mg/L	0.001 U	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:		B-7	B-9	B-9	B-9	B-9
Sample ID:		GW-12636-120511-JY-405	B-9~6/21/1995~N~LB	B-9~8/31/1995~N~LB	B-9~2/9/1996~N~LB	B-9~6/19/1996~N~LB
Sample Date:		12/5/2011	6/21/1995	8/31/1995	2/9/1996	6/19/1996
Parameters:	Units					
trans-1,2-Dichloroethene	mg/L	0.001 U	-	-	-	-
trans-1,3-Dichloropropene	mg/L	0.001 U	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	-	-	-	-
Vinyl chloride	mg/L	0.001 U	-	-	-	-
Xylenes (total)	mg/L	0.002 U	-	-	-	-
Semi-volatile Organic Compounds						
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-7</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>	GW-12636-120511-JY-405	B-9~6/21/1995~N~LB	B-9~8/31/1995~N~LB	B-9~2/9/1996~N~LB	B-9~6/19/1996~N~LB
<i>Sample Date:</i>	12/5/2011	6/21/1995	8/31/1995	2/9/1996	6/19/1996
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:**

B-7	B-9	B-9	B-9	B-9
GW-12636-120511-JY-405	B-9~6/21/1995~N~LB	B-9~8/31/1995~N~LB	B-9~2/9/1996~N~LB	B-9~6/19/1996~N~LB
12/5/2011	6/21/1995	8/31/1995	2/9/1996	6/19/1996

Parameters:**Units****Metals**

Aluminum	mg/L	0.71 ^{ba}	-	-	-	-
Aluminum (dissolved)	mg/L	0.05 U	-	-	-	-
Antimony	mg/L	0.0002 J	-	-	-	-
Antimony (dissolved)	mg/L	0.00014 J	-	-	-	-
Arsenic	mg/L	0.005 U	-	-	-	-
Arsenic (dissolved)	mg/L	0.005 U	-	-	-	-
Barium	mg/L	0.057 J	-	-	-	-
Barium (dissolved)	mg/L	0.053 J	-	-	-	-
Beryllium	mg/L	0.001 U	-	-	-	-
Beryllium (dissolved)	mg/L	0.001 U	-	-	-	-
Cadmium	mg/L	0.001 U	-	-	-	-
Cadmium (dissolved)	mg/L	0.001 U	-	-	-	-
Chromium	mg/L	0.008	-	-	-	-
Chromium (dissolved)	mg/L	0.0035 J	0.02 U	0.037 ^a	0.02 U	0.02 U
Cobalt	mg/L	0.007 U	-	-	-	-
Cobalt (dissolved)	mg/L	0.007 U	-	-	-	-
Copper	mg/L	0.0039	-	-	-	-
Copper (dissolved)	mg/L	0.0031	0.02 U	0.043	0.02 U	0.02 U
Iron	mg/L	0.84 ^{ba}	-	-	-	-
Iron (dissolved)	mg/L	0.1 U	-	-	-	-
Lead	mg/L	0.003 U	-	-	-	-
Lead (dissolved)	mg/L	0.003 U	-	-	-	-
Manganese	mg/L	0.016	-	-	-	-
Manganese (dissolved)	mg/L	0.0085 J	-	-	-	-
Mercury	mg/L	0.0002 U	-	-	-	-
Mercury (dissolved)	mg/L	0.0002 U	-	-	-	-
Molybdenum	mg/L	-	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-	-
Nickel	mg/L	0.0043 J	-	-	-	-
Nickel (dissolved)	mg/L	0.02 U	0.03 U	0.04 U	0.04 U	0.02 U
Selenium	mg/L	0.005 U	-	-	-	-
Selenium (dissolved)	mg/L	0.005 U	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:****B-7****B-9****B-9****B-9****B-9****GW-12636-120511-JY-405****B-9~6/21/1995~N~LB****B-9~8/31/1995~N~LB****B-9~2/9/1996~N~LB****B-9~6/19/1996~N~LB****12/5/2011****6/21/1995****8/31/1995****2/9/1996****6/19/1996****Parameters:****Units**

Silver	mg/L	0.0002 U	-	-	-	-
Silver (dissolved)	mg/L	0.0002 U	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-	-
Thallium	mg/L	0.001 U	-	-	-	-
Thallium (dissolved)	mg/L	0.001 U	-	-	-	-
Vanadium	mg/L	0.0014 J	-	-	-	-
Vanadium (dissolved)	mg/L	0.004 U	-	-	-	-
Zinc	mg/L	0.01 J	-	-	-	-
Zinc (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U

Pesticides

Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-	-
Total PCBs	mg/L	-	-	-	-	-

General Chemistry

Conductance, specific	umhos/cm	-	2400	1829	2860	2550
Cyanide (amenable)	mg/L	0.0050 U	-	-	-	-
Cyanide (total)	mg/L	0.0050 U	-	-	-	-
pH	s.u.	-	7.7	7.7	7.3	6.8
Temperature, field	Deg C	-	14.6	14.8	8	11.5
Total organic carbon (TOC)	mg/L	-	3.5	3.9	3.1	2.1
Total organic halides (TOX)	mg/L	-	0.034	0.01 U	0.01 U	0.1 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:		B-9	B-9	B-9	B-9	B-9
Sample ID:		B-9~8/21/1996~N~LB	B-9~11/13/1996~N~LB	B-9~5/6/1997~N~LB	B-9~11/6/1997~N~LB	B-9~5/4/1998~N~LB
Sample Date:		8/21/1996	11/13/1996	5/6/1997	11/6/1997	5/4/1998
Parameters:	Units					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,2-Trichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethene	mg/L	-	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-	-
2-Hexanone	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-	-
Acetone	mg/L	-	-	-	-	-
Acrylonitrile	mg/L	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-
Bromobenzene	mg/L	-	-	-	-	-
Bromodichloromethane	mg/L	-	-	-	-	-
Bromoform	mg/L	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	-	-	-	-	-
Carbon disulfide	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>	B-9	B-9	B-9	B-9	B-9
<i>Sample Date:</i>	B-9~8/21/1996~N~LB	B-9~11/13/1996~N~LB	B-9~5/6/1997~N~LB	B-9~11/6/1997~N~LB	B-9~5/4/1998~N~LB
	8/21/1996	11/13/1996	5/6/1997	11/6/1997	5/4/1998
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-
cis-1,3-Dichloropropene	mg/L	-	-	-	-
Cyclohexane	mg/L	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	-	-
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-
Methylene chloride	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>	B-9	B-9	B-9	B-9	B-9
<i>Sample Date:</i>	B-9~8/21/1996~N~LB 8/21/1996	B-9~11/13/1996~N~LB 11/13/1996	B-9~5/6/1997~N~LB 5/6/1997	B-9~11/6/1997~N~LB 11/6/1997	B-9~5/4/1998~N~LB 5/4/1998
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	-	-	-	-
trans-1,3-Dichloropropene	mg/L	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	B-9	B-9	B-9	B-9	B-9
<i>Sample ID:</i>	B-9~8/21/1996~N~LB	B-9~11/13/1996~N~LB	B-9~5/6/1997~N~LB	B-9~11/6/1997~N~LB	B-9~5/4/1998~N~LB
<i>Sample Date:</i>	8/21/1996	11/13/1996	5/6/1997	11/6/1997	5/4/1998
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		B-9	B-9	B-9	B-9	B-9
<i>Sample ID:</i>		B-9~8/21/1996~N~LB	B-9~11/13/1996~N~LB	B-9~5/6/1997~N~LB	B-9~11/6/1997~N~LB	B-9~5/4/1998~N~LB
<i>Sample Date:</i>		8/21/1996	11/13/1996	5/6/1997	11/6/1997	5/4/1998
<i>Parameters:</i>	<i>Units</i>					
<i>Metals</i>						
Aluminum	mg/L	-	-	-	-	-
Aluminum (dissolved)	mg/L	-	-	-	-	-
Antimony	mg/L	-	-	-	-	-
Antimony (dissolved)	mg/L	-	-	-	-	-
Arsenic	mg/L	-	-	-	-	-
Arsenic (dissolved)	mg/L	-	-	-	-	-
Barium	mg/L	-	-	-	-	-
Barium (dissolved)	mg/L	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-
Beryllium (dissolved)	mg/L	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-
Cadmium (dissolved)	mg/L	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-
Chromium (dissolved)	mg/L	0.02 U	0.02 U	0.01 U	0.01 U	0.01
Cobalt	mg/L	-	-	-	-	-
Cobalt (dissolved)	mg/L	-	-	-	-	-
Copper	mg/L	-	-	-	-	-
Copper (dissolved)	mg/L	0.02 U	0.02 U	0.01 U	0.01 U	0.01
Iron	mg/L	-	-	-	-	-
Iron (dissolved)	mg/L	-	-	-	0.65 ^{DU}	-
Lead	mg/L	-	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-	-
Manganese	mg/L	-	-	-	-	-
Manganese (dissolved)	mg/L	-	-	-	0.741 ^{DU}	-
Mercury	mg/L	-	-	-	-	-
Mercury (dissolved)	mg/L	-	-	-	-	-
Molybdenum	mg/L	-	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-
Nickel (dissolved)	mg/L	0.02 U	0.02 U	0.051	0.183 ^{DU}	0.018
Selenium	mg/L	-	-	-	-	-
Selenium (dissolved)	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		B-9	B-9	B-9	B-9	B-9
<i>Sample ID:</i>		B-9~8/21/1996~N~LB	B-9~11/13/1996~N~LB	B-9~5/6/1997~N~LB	B-9~11/6/1997~N~LB	B-9~5/4/1998~N~LB
<i>Sample Date:</i>		8/21/1996	11/13/1996	5/6/1997	11/6/1997	5/4/1998
<i>Parameters:</i>	<i>Units</i>					
Silver	mg/L	-	-	-	-	-
Silver (dissolved)	mg/L	-	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-	-
Thallium	mg/L	-	-	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-	-
Vanadium	mg/L	-	-	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-
Zinc (dissolved)	mg/L	0.07	0.04	0.02	0.04	0.04
<i>Pesticides</i>						
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-	-
Total PCBs	mg/L	-	-	-	-	-
<i>General Chemistry</i>						
Conductance, specific	umhos/cm	2310	3280	2600	2800	2400
Cyanide (amenable)	mg/L	-	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-	-
pH	s.u.	8	6.8	6.8	6.5	6.6
Temperature, field	Deg C	16.4	9.2	10	11	14.5
Total organic carbon (TOC)	mg/L	2.3	71	3	2	3
Total organic halides (TOX)	mg/L	0.005 U	0.005 U	0.1 U	0.1 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:		B-9	B-9	B-9	B-9	B-9
Sample ID:		B-9~4/26/1999~N~LB	B-9~11/5/1999~N~LB	B-9~4/26/2000~N~LB	B-9~12/8/2000~N~LB	B-9~5/16/2001~N~LB
Sample Date:		4/26/1999	11/5/1999	4/26/2000	12/8/2000	5/16/2001
Parameters:	Units					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,2-Trichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethene	mg/L	-	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-	-
2-Hexanone	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-	-
Acetone	mg/L	-	-	-	-	-
Acrylonitrile	mg/L	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-
Bromobenzene	mg/L	-	-	-	-	-
Bromodichloromethane	mg/L	-	-	-	-	-
Bromoform	mg/L	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	-	-	-	-	-
Carbon disulfide	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>					
<i>Sample Date:</i>					
	B-9	B-9	B-9	B-9	B-9
	B-9~4/26/1999~N~LB	B-9~11/5/1999~N~LB	B-9~4/26/2000~N~LB	B-9~12/8/2000~N~LB	B-9~5/16/2001~N~LB
	4/26/1999	11/5/1999	4/26/2000	12/8/2000	5/16/2001
Parameters:	Units				
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-
cis-1,3-Dichloropropene	mg/L	-	-	-	-
Cyclohexane	mg/L	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	-	-
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-
Methylene chloride	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:****Parameters:****Units**

		B-9	B-9	B-9	B-9	B-9
		B-9~4/26/1999~N~LB	B-9~11/5/1999~N~LB	B-9~4/26/2000~N~LB	B-9~12/8/2000~N~LB	B-9~5/16/2001~N~LB
		4/26/1999	11/5/1999	4/26/2000	12/8/2000	5/16/2001
trans-1,2-Dichloroethene	mg/L	-	-	-	-	-
trans-1,3-Dichloropropene	mg/L	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-

Semi-volatile Organic Compounds

1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>					
<i>Sample Date:</i>					
	B-9	B-9	B-9	B-9	B-9
	B-9~4/26/1999~N~LB	B-9~11/5/1999~N~LB	B-9~4/26/2000~N~LB	B-9~12/8/2000~N~LB	B-9~5/16/2001~N~LB
	4/26/1999	11/5/1999	4/26/2000	12/8/2000	5/16/2001
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:**

B-9	B-9	B-9	B-9	B-9
B-9~4/26/1999~N~LB	B-9~11/5/1999~N~LB	B-9~4/26/2000~N~LB	B-9~12/8/2000~N~LB	B-9~5/16/2001~N~LB
4/26/1999	11/5/1999	4/26/2000	12/8/2000	5/16/2001

Parameters:**Units****Metals**

	mg/L	-	-	-	-	-
Aluminum	mg/L	-	-	-	-	-
Aluminum (dissolved)	mg/L	-	-	-	-	-
Antimony	mg/L	-	-	-	-	-
Antimony (dissolved)	mg/L	-	-	-	-	-
Arsenic	mg/L	-	-	-	-	-
Arsenic (dissolved)	mg/L	-	-	-	-	-
Barium	mg/L	-	-	-	-	-
Barium (dissolved)	mg/L	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-
Beryllium (dissolved)	mg/L	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-
Cadmium (dissolved)	mg/L	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-
Chromium (dissolved)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Cobalt	mg/L	-	-	-	-	-
Cobalt (dissolved)	mg/L	-	-	-	-	-
Copper	mg/L	-	-	-	-	-
Copper (dissolved)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	mg/L	-	-	-	-	-
Iron (dissolved)	mg/L	-	0.61 ^{ua}	-	0.05	-
Lead	mg/L	-	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-	-
Manganese	mg/L	-	-	-	-	-
Manganese (dissolved)	mg/L	-	1.28 ^{ua}	-	-	-
Mercury	mg/L	-	-	-	-	-
Mercury (dissolved)	mg/L	-	-	-	-	-
Molybdenum	mg/L	-	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-
Nickel (dissolved)	mg/L	0.019	0.02	0.012	0.046	0.007
Selenium	mg/L	-	-	-	-	-
Selenium (dissolved)	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:****Parameters:****Units**

		B-9	B-9	B-9	B-9	B-9
		B-9~4/26/1999~N~LB	B-9~11/5/1999~N~LB	B-9~4/26/2000~N~LB	B-9~12/8/2000~N~LB	B-9~5/16/2001~N~LB
		4/26/1999	11/5/1999	4/26/2000	12/8/2000	5/16/2001
Silver	mg/L	-	-	-	-	-
Silver (dissolved)	mg/L	-	-	-	-	-
Sodium (dissolved)	mg/L	-	47.1	-	69.5	-
Thallium	mg/L	-	-	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-	-
Vanadium	mg/L	-	-	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-
Zinc (dissolved)	mg/L	0.02	0.03	0.03	0.01 U	0.01

Pesticides

Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-	-
Total PCBs	mg/L	-	-	-	-	-

General Chemistry

Conductance, specific	umhos/cm	1860	2340	2780	2400	1070
Cyanide (amenable)	mg/L	-	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-	-
pH	s.u.	7.7	6.8	7.6	7.6	7.4
Temperature, field	Deg C	12.2	15.4	9.5	7.8	12.6
Total organic carbon (TOC)	mg/L	4	2.5	5.5	5	4.8
Total organic halides (TOX)	mg/L	0.1 U	0.1 U	0.1 U	0.01 U	0.1 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:		B-9	B-9	B-9	B-9	B-9
Sample ID:		B-9~10/17/2001~N~LB	B-9~5/16/2002~N~LB	B-9~6/4/2003~N~LB	B-9~6/30/2004~N~LB	B-9~12/9/2004~N~LB
Sample Date:		10/17/2001	5/16/2002	6/4/2003	6/30/2004	12/9/2004
Parameters:	Units					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,2-Trichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethene	mg/L	-	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-	-
2-Hexanone	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-	-
Acetone	mg/L	-	-	-	-	-
Acrylonitrile	mg/L	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-
Bromobenzene	mg/L	-	-	-	-	-
Bromodichloromethane	mg/L	-	-	-	-	-
Bromoform	mg/L	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	-	-	-	-	-
Carbon disulfide	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:****Parameters:****Units**

		B-9	B-9	B-9	B-9	B-9
		B-9~10/17/2001~N~LB	B-9~5/16/2002~N~LB	B-9~6/4/2003~N~LB	B-9~6/30/2004~N~LB	B-9~12/9/2004~N~LB
		10/17/2001	5/16/2002	6/4/2003	6/30/2004	12/9/2004
Carbon tetrachloride	mg/L	-	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-	-
Chloroethane	mg/L	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	-	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-	-
cis-1,3-Dichloropropene	mg/L	-	-	-	-	-
Cyclohexane	mg/L	-	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-	-
Dibromochloromethane	mg/L	-	-	-	-	-
Dibromomethane	mg/L	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-	-
Ethyl ether	mg/L	-	-	-	-	-
Ethylbenzene	mg/L	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-
Iodomethane	mg/L	-	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-	-
Methyl acetate	mg/L	-	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-	-
Methylene chloride	mg/L	-	-	-	-	-
Naphthalene	mg/L	-	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-
o-Xylene	mg/L	-	-	-	-	-
Styrene	mg/L	-	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-	-
Toluene	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>B-9~10/17/2001~N~LB</i>	<i>B-9~5/16/2002~N~LB</i>	<i>B-9~6/4/2003~N~LB</i>	<i>B-9~6/30/2004~N~LB</i>	<i>B-9~12/9/2004~N~LB</i>
<i>Sample Date:</i>		<i>10/17/2001</i>	<i>5/16/2002</i>	<i>6/4/2003</i>	<i>6/30/2004</i>	<i>12/9/2004</i>
<i>Parameters:</i>	<i>Units</i>					
trans-1,2-Dichloroethene	mg/L	-	-	-	-	-
trans-1,3-Dichloropropene	mg/L	-	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-
Trichloroethene	mg/L	-	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-	-
<i>Semi-volatile Organic Compounds</i>						
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>	<i>B-9~10/17/2001~N~LB</i>	<i>B-9~5/16/2002~N~LB</i>	<i>B-9~6/4/2003~N~LB</i>	<i>B-9~6/30/2004~N~LB</i>	<i>B-9~12/9/2004~N~LB</i>
<i>Sample Date:</i>	<i>10/17/2001</i>	<i>5/16/2002</i>	<i>6/4/2003</i>	<i>6/30/2004</i>	<i>12/9/2004</i>
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:**

B-9	B-9	B-9	B-9	B-9
B-9~10/17/2001~N~LB	B-9~5/16/2002~N~LB	B-9~6/4/2003~N~LB	B-9~6/30/2004~N~LB	B-9~12/9/2004~N~LB
10/17/2001	5/16/2002	6/4/2003	6/30/2004	12/9/2004

Parameters:**Units****Metals**

Aluminum	mg/L	-	-	-	-	-
Aluminum (dissolved)	mg/L	-	-	-	-	-
Antimony	mg/L	-	-	-	-	-
Antimony (dissolved)	mg/L	-	-	-	-	-
Arsenic	mg/L	-	-	-	-	-
Arsenic (dissolved)	mg/L	-	-	-	-	-
Barium	mg/L	-	-	-	-	-
Barium (dissolved)	mg/L	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-
Beryllium (dissolved)	mg/L	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-
Cadmium (dissolved)	mg/L	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-
Chromium (dissolved)	mg/L	0.01 U	0.01 U	0.005 U	0.005 U	0.005 U
Cobalt	mg/L	-	-	-	-	-
Cobalt (dissolved)	mg/L	-	-	-	-	-
Copper	mg/L	-	-	-	-	-
Copper (dissolved)	mg/L	0.01 U	0.01 U	0.005 U	0.008	0.005 U
Iron	mg/L	-	-	-	-	-
Iron (dissolved)	mg/L	0.94 ^{DU}	-	-	-	0.57 ^{DU}
Lead	mg/L	-	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-	-
Manganese	mg/L	-	-	-	-	-
Manganese (dissolved)	mg/L	-	-	-	-	0.248 ^{DU}
Mercury	mg/L	-	-	-	-	-
Mercury (dissolved)	mg/L	-	-	-	-	-
Molybdenum	mg/L	-	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-
Nickel (dissolved)	mg/L	0.008	0.007	0.015	0.019	0.011
Selenium	mg/L	-	-	-	-	-
Selenium (dissolved)	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>B-9~10/17/2001~N~LB</i>	<i>B-9~5/16/2002~N~LB</i>	<i>B-9~6/4/2003~N~LB</i>	<i>B-9~6/30/2004~N~LB</i>	<i>B-9~12/9/2004~N~LB</i>
<i>Sample Date:</i>		<i>10/17/2001</i>	<i>5/16/2002</i>	<i>6/4/2003</i>	<i>6/30/2004</i>	<i>12/9/2004</i>
<i>Parameters:</i>	<i>Units</i>					
Silver	mg/L	-	-	-	-	-
Silver (dissolved)	mg/L	-	-	-	-	-
Sodium (dissolved)	mg/L	66	-	-	-	55.9
Thallium	mg/L	-	-	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-	-
Vanadium	mg/L	-	-	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-
Zinc (dissolved)	mg/L	0.02	0.01	0.013	0.028	0.019
<i>Pesticides</i>						
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-	-
Total PCBs	mg/L	-	-	-	-	-
<i>General Chemistry</i>						
Conductance, specific	umhos/cm	2130	2470	2690	2379	2480
Cyanide (amenable)	mg/L	-	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-	-
pH	s.u.	7.5	7.2	6.8	6.9	5.9 ^{bu}
Temperature, field	Deg C	10.8	11.6	10.7	12.7	11.4
Total organic carbon (TOC)	mg/L	4	1.9	2.2	3.8	3
Total organic halides (TOX)	mg/L	0.1 U	0.1 U	0.057	-	0.03 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:		B-9	B-9	B-9	B-9	B-9
Sample ID:		B-9~6/8/2005~N~LB	B-9~12/7/2005~N~LB	B-9~6/29/2006~N~LB	B-9~11/30/2006~N~LB	B-9~6/5/2007~N~LB
Sample Date:		6/8/2005	12/7/2005	6/29/2006	11/30/2006	6/5/2007
Parameters:	Units					
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,2-Trichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethane	mg/L	-	-	-	-	-
1,1-Dichloroethene	mg/L	-	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-	-
1,2-Dichlorobenzene	mg/L	-	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-	-
2-Hexanone	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-	-
Acetone	mg/L	-	-	-	-	-
Acrylonitrile	mg/L	-	-	-	-	-
Benzene	mg/L	-	-	-	-	-
Bromobenzene	mg/L	-	-	-	-	-
Bromodichloromethane	mg/L	-	-	-	-	-
Bromoform	mg/L	-	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	-	-	-	-	-
Carbon disulfide	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>					
<i>Sample Date:</i>					
	B-9	B-9	B-9	B-9	B-9
	B-9~6/8/2005~N~LB	B-9~12/7/2005~N~LB	B-9~6/29/2006~N~LB	B-9~11/30/2006~N~LB	B-9~6/5/2007~N~LB
	6/8/2005	12/7/2005	6/29/2006	11/30/2006	6/5/2007
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-
cis-1,3-Dichloropropene	mg/L	-	-	-	-
Cyclohexane	mg/L	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	-	-
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-
Methylene chloride	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>	B-9	B-9	B-9	B-9	B-9
<i>Sample Date:</i>	B-9~6/8/2005~N~LB 6/8/2005	B-9~12/7/2005~N~LB 12/7/2005	B-9~6/29/2006~N~LB 6/29/2006	B-9~11/30/2006~N~LB 11/30/2006	B-9~6/5/2007~N~LB 6/5/2007
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	-	-	-	-
trans-1,3-Dichloropropene	mg/L	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>					
<i>Sample Date:</i>					
	B-9	B-9	B-9	B-9	B-9
	B-9~6/8/2005~N~LB	B-9~12/7/2005~N~LB	B-9~6/29/2006~N~LB	B-9~11/30/2006~N~LB	B-9~6/5/2007~N~LB
	6/8/2005	12/7/2005	6/29/2006	11/30/2006	6/5/2007
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**Parameters:**Units**Metals*

		B-9 B-9~6/8/2005~N~LB 6/8/2005	B-9 B-9~12/7/2005~N~LB 12/7/2005	B-9 B-9~6/29/2006~N~LB 6/29/2006	B-9 B-9~11/30/2006~N~LB 11/30/2006	B-9 B-9~6/5/2007~N~LB 6/5/2007
Aluminum	mg/L	-	-	-	-	-
Aluminum (dissolved)	mg/L	-	-	-	-	-
Antimony	mg/L	-	-	-	-	-
Antimony (dissolved)	mg/L	-	-	-	-	-
Arsenic	mg/L	-	-	-	-	-
Arsenic (dissolved)	mg/L	-	-	-	-	-
Barium	mg/L	-	-	-	-	-
Barium (dissolved)	mg/L	-	-	-	-	-
Beryllium	mg/L	-	-	-	-	-
Beryllium (dissolved)	mg/L	-	-	-	-	-
Cadmium	mg/L	-	-	-	-	-
Cadmium (dissolved)	mg/L	-	-	-	-	-
Chromium	mg/L	-	-	-	-	-
Chromium (dissolved)	mg/L	0.006	0.011	0.006	0.005 U	0.012 ^u
Cobalt	mg/L	-	-	-	-	-
Cobalt (dissolved)	mg/L	-	-	-	-	-
Copper	mg/L	-	-	-	-	-
Copper (dissolved)	mg/L	0.006	0.005	0.006	0.006	0.006
Iron	mg/L	-	-	-	-	-
Iron (dissolved)	mg/L	0.48 ^{ou}	0.32 ^{ou}	0.39 ^{ou}	-	0.32 ^{ou}
Lead	mg/L	-	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-	-
Manganese	mg/L	-	-	-	-	-
Manganese (dissolved)	mg/L	0.701 ^{ou}	0.41 ^{ou}	0.33 ^{ou}	-	1.9 ^{ou}
Mercury	mg/L	-	-	-	-	-
Mercury (dissolved)	mg/L	-	-	-	-	-
Molybdenum	mg/L	-	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-	-
Nickel	mg/L	-	-	-	-	-
Nickel (dissolved)	mg/L	0.012	0.012	0.013	0.005 U	0.024
Selenium	mg/L	-	-	-	-	-
Selenium (dissolved)	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		B-9	B-9	B-9	B-9	B-9
<i>Sample ID:</i>		B-9~6/8/2005~N~LB	B-9~12/7/2005~N~LB	B-9~6/29/2006~N~LB	B-9~11/30/2006~N~LB	B-9~6/5/2007~N~LB
<i>Sample Date:</i>		6/8/2005	12/7/2005	6/29/2006	11/30/2006	6/5/2007
<i>Parameters:</i>						
	<i>Units</i>					
Silver	mg/L	-	-	-	-	-
Silver (dissolved)	mg/L	-	-	-	-	-
Sodium (dissolved)	mg/L	58.3	58.5	63.6	-	67.3
Thallium	mg/L	-	-	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-	-
Vanadium	mg/L	-	-	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-	-
Zinc	mg/L	-	-	-	-	-
Zinc (dissolved)	mg/L	0.017	0.04	0.019	0.014	0.021
<i>Pesticides</i>						
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-	-
Total PCBs	mg/L	-	-	-	-	-
<i>General Chemistry</i>						
Conductance, specific	umhos/cm	2116	2830	2820	2830	2770
Cyanide (amenable)	mg/L	-	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-	-
pH	s.u.	7.1	8.6 ^{bu}	6.8	7.2	6.7
Temperature, field	Deg C	10.3	11.9	12.4	12.5	11
Total organic carbon (TOC)	mg/L	4	5	1.9	2.7	2.1
Total organic halides (TOX)	mg/L	0.03 U	0.03 U	0.03 U	0.0367	0.03 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		B-9	B-9	B-9	B-9
<i>Sample ID:</i>		B-9~11/16/2007~N~LB	B-9~7/2/2008~N~LB	B-9 Dup.~11/20/2008~FD~LB	B-9~11/20/2008~N~LB
<i>Sample Date:</i>		11/16/2007	7/2/2008	11/20/2008 (Duplicate)	11/20/2008
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,2-Trichloroethane	mg/L	-	-	-	-
1,1-Dichloroethane	mg/L	-	-	-	-
1,1-Dichloroethene	mg/L	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-
1,2-Dichlorobenzene	mg/L	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-
Acetone	mg/L	-	-	-	-
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	-	-	-	-
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	-	-	-	-
Bromoform	mg/L	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	-	-	-	-
Carbon disulfide	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		B-9	B-9	B-9	B-9
<i>Sample ID:</i>		B-9~11/16/2007~N~LB	B-9~7/2/2008~N~LB	B-9 Dup.~11/20/2008~FD~LB	B-9~11/20/2008~N~LB
<i>Sample Date:</i>		11/16/2007	7/2/2008	11/20/2008 (Duplicate)	11/20/2008
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-
cis-1,3-Dichloropropene	mg/L	-	-	-	-
Cyclohexane	mg/L	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	-	-
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-
Methylene chloride	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		B-9	B-9	B-9	B-9
<i>Sample ID:</i>		B-9~11/16/2007~N~LB	B-9~7/2/2008~N~LB	B-9 Dup.~11/20/2008~FD~LB	B-9~11/20/2008~N~LB
<i>Sample Date:</i>		11/16/2007	7/2/2008	11/20/2008 (Duplicate)	11/20/2008
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	-	-	-	-
trans-1,3-Dichloropropene	mg/L	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>				
<i>Sample ID:</i>	B-9	B-9	B-9	B-9
<i>Sample Date:</i>	B-9~11/16/2007~N~LB	B-9~7/2/2008~N~LB	B-9 Dup.~11/20/2008~FD~LB	B-9~11/20/2008~N~LB
	11/16/2007	7/2/2008	11/20/2008 (Duplicate)	11/20/2008
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		B-9	B-9	B-9	B-9
<i>Sample ID:</i>		B-9~11/16/2007~N~LB	B-9~7/2/2008~N~LB	B-9 Dup.~11/20/2008~FD~LB	B-9~11/20/2008~N~LB
<i>Sample Date:</i>		11/16/2007	7/2/2008	11/20/2008 (Duplicate)	11/20/2008
<i>Parameters:</i>	<i>Units</i>				
Metals					
Aluminum	mg/L	-	-	-	-
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	-	-	-	-
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	-	-	-	-
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	-	-	-	-
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	-	-	-	-
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	-	-	-	-
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	-	-	-	-
Chromium (dissolved)	mg/L	0.002	0.005 U	0.005 U	0.005 U
Cobalt	mg/L	-	-	-	-
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	-	-	-	-
Copper (dissolved)	mg/L	0.006	0.004	0.001 U	0.001 U
Iron	mg/L	-	-	-	-
Iron (dissolved)	mg/L	-	0.78 ^{ua}	-	-
Lead	mg/L	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	-	-	-	-
Manganese (dissolved)	mg/L	-	0.812 ^{ua}	-	-
Mercury	mg/L	-	-	-	-
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	-	-	-
Nickel (dissolved)	mg/L	0.024	0.013	0.013	0.013
Selenium	mg/L	-	-	-	-
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>B-9~11/16/2007~N~LB</i>	<i>B-9~7/2/2008~N~LB</i>	<i>B-9 Dup.~11/20/2008~FD~LB</i>	<i>B-9~11/20/2008~N~LB</i>
<i>Sample Date:</i>		<i>11/16/2007</i>	<i>7/2/2008</i>	<i>11/20/2008</i> <i>(Duplicate)</i>	<i>11/20/2008</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	-	-	-
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	64.2	-	-
Thallium	mg/L	-	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	-	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	-	-	-	-
Zinc (dissolved)	mg/L	0.018	0.019	0.005 U	0.005 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	3000	3060	3280	3290
Cyanide (amenable)	mg/L	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-
pH	s.u.	6.7	6.4 ^{bu}	6.4 ^{bu}	6.4 ^{bu}
Temperature, field	Deg C	9.4	19.7	8.1	8.1
Total organic carbon (TOC)	mg/L	2	1.8	2	2.2
Total organic halides (TOX)	mg/L	0.0274	0.0364	0.127	0.0159

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>B-9~6/25/2009~N~LB</i>	<i>B-9~11/16/2009~N~LB</i>	<i>GW-12636-120310-BW-019</i>	<i>GW-12636-051111-SSH-104</i>
<i>Sample Date:</i>		<i>6/25/2009</i>	<i>11/16/2009</i>	<i>12/3/2010</i>	<i>5/11/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	-	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	-	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	-	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	-	-	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	-	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	-	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	-	-	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	0.05 U	0.05 U
Acetone	mg/L	-	-	0.025 U	0.025 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	-	-	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	-	-	0.001 U	0.001 U
Bromoform	mg/L	-	-	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	-	0.001 UJ	0.001 U
Carbon disulfide	mg/L	-	-	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>B-9~6/25/2009~N~LB</i>	<i>B-9~11/16/2009~N~LB</i>	<i>GW-12636-120310-BW-019</i>	<i>GW-12636-051111-SSH-104</i>
<i>Sample Date:</i>		<i>6/25/2009</i>	<i>11/16/2009</i>	<i>12/3/2010</i>	<i>5/11/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	-	0.001 U	0.001 U
Chlorobenzene	mg/L	-	-	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	-	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	-	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	-	-	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	0.005 U	0.005 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	0.005 U	0.005 U
Methylene chloride	mg/L	-	-	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>B-9~6/25/2009~N~LB</i>	<i>B-9~11/16/2009~N~LB</i>	<i>GW-12636-120310-BW-019</i>	<i>GW-12636-051111-SSH-104</i>
<i>Sample Date:</i>		<i>6/25/2009</i>	<i>11/16/2009</i>	<i>12/3/2010</i>	<i>5/11/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	-	-	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	-	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	0.001 U	0.001 U
Vinyl chloride	mg/L	-	-	0.001 U	0.001 U
Xylenes (total)	mg/L	-	-	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>	<i>B-9~6/25/2009~N~LB</i>	<i>B-9~11/16/2009~N~LB</i>	<i>GW-12636-120310-BW-019</i>	<i>GW-12636-051111-SSH-104</i>
<i>Sample Date:</i>	<i>6/25/2009</i>	<i>11/16/2009</i>	<i>12/3/2010</i>	<i>5/11/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:**

B-9
B-9~6/25/2009~N~LB
6/25/2009

B-9
B-9~11/16/2009~N~LB
11/16/2009

B-9
GW-12636-120310-BW-019
12/3/2010

B-9
GW-12636-051111-SSH-104
5/11/2011

Parameters:**Units****Metals**

Aluminum	mg/L	-	-	0.704 ^{ba}	0.268 ^{ba}
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	-	-	0.00023 J	0.002 U
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	-	-	0.0033 J	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	-	-	0.0173 J	0.0101 J
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	-	-	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	-	-	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	-	-	0.005 U	0.005 U
Chromium (dissolved)	mg/L	0.005 U	0.005 U	-	-
Cobalt	mg/L	-	-	0.0019 J	0.0022 J
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	-	-	0.0031	0.002 U
Copper (dissolved)	mg/L	0.001 U	0.004 U	-	-
Iron	mg/L	-	-	1.01 ^{ba}	0.302 ^{ba}
Iron (dissolved)	mg/L	0.059	-	-	-
Lead	mg/L	-	-	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	-	-	0.391 ^{ba}	0.211 ^{ba}
Manganese (dissolved)	mg/L	0.173 ^{ba}	-	-	-
Mercury	mg/L	-	-	0.0002 UJ	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	-	0.0072 J	0.0035 J
Nickel (dissolved)	mg/L	0.005 U	0.016	-	-
Selenium	mg/L	-	-	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-9</i>	<i>B-9</i>
<i>Sample ID:</i>		<i>B-9~6/25/2009~N~LB</i>	<i>B-9~11/16/2009~N~LB</i>	<i>GW-12636-120310-BW-019</i>	<i>GW-12636-051111-SSH-104</i>
<i>Sample Date:</i>		<i>6/25/2009</i>	<i>11/16/2009</i>	<i>12/3/2010</i>	<i>5/11/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	-	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	65.3	-	-	-
Thallium	mg/L	-	-	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	-	-	0.0012 J	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	-	-	0.0211 U	0.02 U
Zinc (dissolved)	mg/L	0.005 U	0.008	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	2700	3030	-	-
Cyanide (amenable)	mg/L	-	-	0.010 U	0.010 U
Cyanide (total)	mg/L	-	-	-	-
pH	s.u.	6.7	6.7	-	-
Temperature, field	Deg C	19.8	12.7	-	-
Total organic carbon (TOC)	mg/L	1.6	3	-	-
Total organic halides (TOX)	mg/L	0.03 U	0.0841	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-18A</i>	<i>B-18A</i>
<i>Sample ID:</i>		<i>GW-12636-091411-JY-015</i>	<i>GW-12636-120711-JY-415</i>	<i>GW-12636-091411-JY-020</i>	<i>GW-12636-120511-JY-406</i>
<i>Sample Date:</i>		<i>9/14/2011</i>	<i>12/7/2011</i>	<i>9/14/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-18A</i>	<i>B-18A</i>
<i>Sample ID:</i>		<i>GW-12636-091411-JY-015</i>	<i>GW-12636-120711-JY-415</i>	<i>GW-12636-091411-JY-020</i>	<i>GW-12636-120511-JY-406</i>
<i>Sample Date:</i>		<i>9/14/2011</i>	<i>12/7/2011</i>	<i>9/14/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-18A</i>	<i>B-18A</i>
<i>Sample ID:</i>		<i>GW-12636-091411-JY-015</i>	<i>GW-12636-120711-JY-415</i>	<i>GW-12636-091411-JY-020</i>	<i>GW-12636-120511-JY-406</i>
<i>Sample Date:</i>		<i>9/14/2011</i>	<i>12/7/2011</i>	<i>9/14/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-9</i>	<i>B-9</i>	<i>B-18A</i>	<i>B-18A</i>
<i>Sample ID:</i>	<i>GW-12636-091411-JY-015</i>	<i>GW-12636-120711-JY-415</i>	<i>GW-12636-091411-JY-020</i>	<i>GW-12636-120511-JY-406</i>
<i>Sample Date:</i>	<i>9/14/2011</i>	<i>12/7/2011</i>	<i>9/14/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:**Sample ID:****Sample Date:****Parameters:****Units****Metals**

		B-9 GW-12636-091411-JY-015 9/14/2011	B-9 GW-12636-120711-JY-415 12/7/2011	B-18A GW-12636-091411-JY-020 9/14/2011	B-18A GW-12636-120511-JY-406 12/5/2011
Aluminum	mg/L	0.022 J	0.083 ^{ba}	0.05 U	0.05 U
Aluminum (dissolved)	mg/L	-	-	0.05 U	0.05 U
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	0.002 U	0.002 U
Arsenic	mg/L	0.005 U	0.005 U	0.0038 J	0.0066
Arsenic (dissolved)	mg/L	-	-	0.005 U	0.0066
Barium	mg/L	0.011 J	0.011 J	0.033 J	0.034 J
Barium (dissolved)	mg/L	-	-	0.033 J	0.035 J
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	0.001 U	0.001 U
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-	0.005 U	0.005 U
Cobalt	mg/L	0.01	0.0024 J	0.007 U	0.0034 J
Cobalt (dissolved)	mg/L	-	-	0.007 U	0.003 J
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	-	-	0.002 U	0.002 U
Iron	mg/L	0.27	0.14	0.1 U	0.65 ^{ba}
Iron (dissolved)	mg/L	-	-	0.1 U	0.61 ^{ba}
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	0.003 U	0.003 U
Manganese	mg/L	6.8 J ^{ba}	0.31 ^{ba}	0.015	0.26 ^{ba}
Manganese (dissolved)	mg/L	-	-	0.025	0.26 ^{ba}
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	0.00019 J ^t	0.0002 U
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.066	0.0047 J	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-	0.0042 J	0.02 U
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-9</i>	<i>B-9</i>	<i>B-18A</i>	<i>B-18A</i>
<i>Sample ID:</i>		<i>GW-12636-091411-JY-015</i>	<i>GW-12636-120711-JY-415</i>	<i>GW-12636-091411-JY-020</i>	<i>GW-12636-120511-JY-406</i>
<i>Sample Date:</i>		<i>9/14/2011</i>	<i>12/7/2011</i>	<i>9/14/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	0.0002 U	0.0002 U
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	0.001 U	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	-	-	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	-	-	0.02 U	0.02 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>		<i>GW-12636-051211-SSH-106</i>	<i>GW-12636-091411-JY-016</i>	<i>GW-12636-091411-JY-017</i>	<i>GW-12636-120611-JY-412</i>
<i>Sample Date:</i>		<i>5/12/2011</i>	<i>9/14/2011</i>	<i>9/14/2011</i> <i>(Duplicate)</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 UJ	0.001 UJ	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.001 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 UJ	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.01 U	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.05 U	0.01 U	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.01 U	0.01 U	0.01 U
Acetone	mg/L	0.025 U	0.01 U	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 UJ	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>		<i>GW-12636-051211-SSH-106</i>	<i>GW-12636-091411-JY-016</i>	<i>GW-12636-091411-JY-017</i>	<i>GW-12636-120611-JY-412</i>
<i>Sample Date:</i>		<i>5/12/2011</i>	<i>9/14/2011</i>	<i>9/14/2011</i> <i>(Duplicate)</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 UJ	0.001 UJ	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 UJ	0.001 UJ	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.001 U	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>		<i>GW-12636-051211-SSH-106</i>	<i>GW-12636-091411-JY-016</i>	<i>GW-12636-091411-JY-017</i>	<i>GW-12636-120611-JY-412</i>
<i>Sample Date:</i>		<i>5/12/2011</i>	<i>9/14/2011</i>	<i>9/14/2011</i> <i>(Duplicate)</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>	<i>GW-12636-051211-SSH-106</i>	<i>GW-12636-091411-JY-016</i>	<i>GW-12636-091411-JY-017</i>	<i>GW-12636-120611-JY-412</i>
<i>Sample Date:</i>	<i>5/12/2011</i>	<i>9/14/2011</i>	<i>9/14/2011</i> <i>(Duplicate)</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>		<i>GW-12636-051211-SSH-106</i>	<i>GW-12636-091411-JY-016</i>	<i>GW-12636-091411-JY-017</i>	<i>GW-12636-120611-JY-412</i>
<i>Sample Date:</i>		<i>5/12/2011</i>	<i>9/14/2011</i>	<i>9/14/2011</i> <i>(Duplicate)</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	0.2 U	0.05 U	0.05 U	0.05 U
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	0.0671 J	0.068 J	0.067 J	0.072 J
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	0.0927 J	0.1 U	0.1 U	0.1 U
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	0.0065 J	0.0057 J	0.0032 J	0.015 U
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>	<i>B-19A</i>
<i>Sample ID:</i>		<i>GW-12636-051211-SSH-106</i>	<i>GW-12636-091411-JY-016</i>	<i>GW-12636-091411-JY-017</i>	<i>GW-12636-120611-JY-412</i>
<i>Sample Date:</i>		<i>5/12/2011</i>	<i>9/14/2011</i>	<i>9/14/2011</i> <i>(Duplicate)</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.00058 J
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.010 U	0.0050 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	-	0.0050 U	0.0050 U	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-19A</i>	<i>B-19AR</i>	<i>B-19AR</i>	<i>B-20D</i>
<i>Sample ID:</i>	GW-12636-120711-JY-412	GW-12636-0915-SSH-023	GW-12636-120811-JY-420	GW-12636-0915-SSH-025
<i>Sample Date:</i>	12/7/2011	9/15/2011	12/8/2011	9/15/2011
<i>Parameters:</i>	<i>Units</i>			
<i>Volatile Organic Compounds</i>				
1,1,1,2-Tetrachloroethane	mg/L	-	-	-
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 UJ	0.001 UJ
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	-	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-
2-Hexanone	mg/L	-	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.01 U	0.01 U
Acetone	mg/L	-	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-	-
Benzene	mg/L	-	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-
Bromodichloromethane	mg/L	-	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 U	0.001 U
Carbon disulfide	mg/L	-	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-19A</i>	<i>B-19AR</i>	<i>B-19AR</i>	<i>B-20D</i>
<i>Sample ID:</i>	<i>GW-12636-120711-JY-412</i>	<i>GW-12636-0915-SSH-023</i>	<i>GW-12636-120811-JY-420</i>	<i>GW-12636-0915-SSH-025</i>
<i>Sample Date:</i>	<i>12/7/2011</i>	<i>9/15/2011</i>	<i>12/8/2011</i>	<i>9/15/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-
Chloroethane	mg/L	-	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	-	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-
Dibromochloromethane	mg/L	-	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-
Ethyl ether	mg/L	-	-	-
Ethylbenzene	mg/L	-	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-
Iodomethane	mg/L	-	-	-
Isopropyl benzene	mg/L	-	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-	-
Methyl acetate	mg/L	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-
N-Butylbenzene	mg/L	-	-	-
N-Propylbenzene	mg/L	-	-	-
o-Xylene	mg/L	-	-	-
Styrene	mg/L	-	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-
tert-Butyl alcohol	mg/L	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-
tert-Butylbenzene	mg/L	-	-	-
Tetrachloroethene	mg/L	-	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-
Toluene	mg/L	-	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-19A</i>	<i>B-19AR</i>	<i>B-19AR</i>	<i>B-20D</i>
<i>Sample ID:</i>	GW-12636-120711-JY-412	GW-12636-0915-SSH-023	GW-12636-120811-JY-420	GW-12636-0915-SSH-025
<i>Sample Date:</i>	12/7/2011	9/15/2011	12/8/2011	9/15/2011
<i>Parameters:</i>	<i>Units</i>			
trans-1,2-Dichloroethene	mg/L	-	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-
Trichloroethene	mg/L	-	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U
Vinyl chloride	mg/L	-	0.001 U	0.001 U
Xylenes (total)	mg/L	-	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>				
1,2,4-Trichlorobenzene	mg/L	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-
2-Chloronaphthalene	mg/L	-	-	-
2-Chlorophenol	mg/L	-	-	-
2-Methylnaphthalene	mg/L	-	-	-
2-Methylphenol	mg/L	-	-	-
2-Nitroaniline	mg/L	-	-	-
2-Nitrophenol	mg/L	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-
3-Nitroaniline	mg/L	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-
4-Chloroaniline	mg/L	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-
4-Methylphenol	mg/L	-	-	-
4-Nitroaniline	mg/L	-	-	-
4-Nitrophenol	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-19A</i>	<i>B-19AR</i>	<i>B-19AR</i>	<i>B-20D</i>
<i>Sample ID:</i>	GW-12636-120711-JY-412	GW-12636-0915-SSH-023	GW-12636-120811-JY-420	GW-12636-0915-SSH-025
<i>Sample Date:</i>	12/7/2011	9/15/2011	12/8/2011	9/15/2011
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:*

B-19A
GW-12636-120711-JY-412
12/7/2011

B-19AR
GW-12636-0915-SSH-023
9/15/2011

B-19AR
GW-12636-120811-JY-420
12/8/2011

B-20D
GW-12636-0915-SSH-025
9/15/2011

*Parameters:**Units***Metals**

Aluminum	mg/L	-	4 ^{ua}	9.2 ^{ua}	1.1 ^{ua}
Aluminum (dissolved)	mg/L	0.05 U	1.6 ^{ua}	3.4 ^{ua}	0.085 ^{ua}
Antimony	mg/L	-	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Arsenic	mg/L	-	0.0035 J	0.0086	0.04 ^{ua}
Arsenic (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.036 ^{ua}
Barium	mg/L	-	0.072 J	0.13	0.05 J
Barium (dissolved)	mg/L	0.071 J	0.045 J	0.077 J	0.042 J
Beryllium	mg/L	-	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	-	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chromium	mg/L	-	0.0078	0.03 ^t	0.005 U
Chromium (dissolved)	mg/L	0.005 U	0.005 U	0.011	0.005 U
Cobalt	mg/L	-	0.0027 J	0.0056 J	0.007 U
Cobalt (dissolved)	mg/L	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	-	0.0045 U	0.0096	0.0037 U
Copper (dissolved)	mg/L	0.002 U	0.0052	0.0045	0.002 U
Iron	mg/L	-	5.1 ^{ua}	12 ^{ua}	3.4 ^{ua}
Iron (dissolved)	mg/L	0.1 U	0.23	4.4 ^{ua}	1.8 ^{ua}
Lead	mg/L	-	0.0029 J	0.0023 J	0.003 U
Lead (dissolved)	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	-	0.12 ^{ua}	0.26 ^{ua}	0.08 ^{ua}
Manganese (dissolved)	mg/L	0.015 U	0.0071 J	0.094 ^{ua}	0.047
Mercury	mg/L	-	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	0.01 J	0.023	0.02 U
Nickel (dissolved)	mg/L	0.02 U	0.02 U	0.0079 J	0.02 U
Selenium	mg/L	-	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-19A</i>	<i>B-19AR</i>	<i>B-19AR</i>	<i>B-20D</i>
<i>Sample ID:</i>		<i>GW-12636-120711-JY-412</i>	<i>GW-12636-0915-SSH-023</i>	<i>GW-12636-120811-JY-420</i>	<i>GW-12636-0915-SSH-025</i>
<i>Sample Date:</i>		<i>12/7/2011</i>	<i>9/15/2011</i>	<i>12/8/2011</i>	<i>9/15/2011</i>
<i>Parameters:</i>		<i>Units</i>			
Silver	mg/L	-	0.00053 ^u	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	-	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.00027 J	0.001 U	0.00025 J	0.001 U
Vanadium	mg/L	-	0.0096 ^u	0.023 ^u	0.004 U
Vanadium (dissolved)	mg/L	0.004 U	0.004 U	0.0089 ^u	0.004 U
Zinc	mg/L	-	0.035 U	0.039 U	0.02 U
Zinc (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	-	0.0050 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	-	0.0050 U	0.0050 U	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-20D</i>	<i>B-21D</i>	<i>B-21D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120811-JY-421</i>	<i>GW-12636-0915-SSH-024</i>	<i>GW-12636-120811-JY-422</i>	<i>B-27D~12/8/2005~N~LB</i>
<i>Sample Date:</i>		<i>12/8/2011</i>	<i>9/15/2011</i>	<i>12/8/2011</i>	<i>12/8/2005</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 UJ	0.001 U	-
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	-
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	-
Acetone	mg/L	0.01 U	0.01 U	0.01 U	-
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	-
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	-
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	-
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	-
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-20D</i>	<i>B-21D</i>	<i>B-21D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120811-JY-421</i>	<i>GW-12636-0915-SSH-024</i>	<i>GW-12636-120811-JY-422</i>	<i>B-27D~12/8/2005~N~LB</i>
<i>Sample Date:</i>		<i>12/8/2011</i>	<i>9/15/2011</i>	<i>12/8/2011</i>	<i>12/8/2005</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	-
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	-
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	-
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	-
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	-
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	-
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	-
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	-
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	-
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	-
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	-
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	-
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-20D</i>	<i>B-21D</i>	<i>B-21D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120811-JY-421</i>	<i>GW-12636-0915-SSH-024</i>	<i>GW-12636-120811-JY-422</i>	<i>B-27D~12/8/2005~N~LB</i>
<i>Sample Date:</i>		<i>12/8/2011</i>	<i>9/15/2011</i>	<i>12/8/2011</i>	<i>12/8/2005</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	-
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	-
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	-
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	-
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-20D</i>	<i>B-21D</i>	<i>B-21D</i>	<i>B-27D</i>
<i>Sample ID:</i>	GW-12636-120811-JY-421	GW-12636-0915-SSH-024	GW-12636-120811-JY-422	B-27D~12/8/2005~N~LB
<i>Sample Date:</i>	12/8/2011	9/15/2011	12/8/2011	12/8/2005
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:***B-20D****GW-12636-120811-JY-421****12/8/2011****B-21D****GW-12636-0915-SSH-024****9/15/2011****B-21D****GW-12636-120811-JY-422****12/8/2011****B-27D****B-27D~12/8/2005~N~LB****12/8/2005***Parameters:**Units**Metals*

Aluminum	mg/L	0.52 ^{ba}	0.17 ^{ba}	3.7 ^{ba}	-
Aluminum (dissolved)	mg/L	0.034 J	0.05 U	0.1 ^{ba}	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	-
Antimony (dissolved)	mg/L	0.002 U	0.002 U	0.002 U	-
Arsenic	mg/L	0.039 ^{ba}	0.054 ^{ba}	0.045 ^{ba}	-
Arsenic (dissolved)	mg/L	0.036 ^{ba}	0.048 ^{ba}	0.042 ^{ba}	-
Barium	mg/L	0.053 J	0.16	0.18	-
Barium (dissolved)	mg/L	0.049 J	0.15	0.16	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	-
Beryllium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	-
Cadmium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	-
Chromium	mg/L	0.005 U	0.0025 J	0.0067	-
Chromium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.009
Cobalt	mg/L	0.007 U	0.0018 J	0.003 J	-
Cobalt (dissolved)	mg/L	0.007 U	0.007 U	0.007 U	-
Copper	mg/L	0.0026 U	0.002 U	0.0073	-
Copper (dissolved)	mg/L	0.002 U	0.002 U	0.001 J	0.004 U
Iron	mg/L	2.5 ^{ba}	4.4 ^{ba}	7 ^{ba}	-
Iron (dissolved)	mg/L	1.5 ^{ba}	1 ^{ba}	1.2 ^{ba}	0.24
Lead	mg/L	0.003 U	0.0022 J	0.003 U	-
Lead (dissolved)	mg/L	0.003 U	0.003 U	0.003 U	-
Manganese	mg/L	0.064 ^{ba}	0.15 ^{ba}	0.18 ^{ba}	-
Manganese (dissolved)	mg/L	0.049	0.035	0.05	0.14 ^{ba}
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	-
Mercury (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.0055 J	0.0065 J	-
Nickel (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.006
Selenium	mg/L	0.005 U	0.005 U	0.005 U	-
Selenium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-20D</i>	<i>B-21D</i>	<i>B-21D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120811-JY-421</i>	<i>GW-12636-0915-SSH-024</i>	<i>GW-12636-120811-JY-422</i>	<i>B-27D~12/8/2005~N~LB</i>
<i>Sample Date:</i>		<i>12/8/2011</i>	<i>9/15/2011</i>	<i>12/8/2011</i>	<i>12/8/2005</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	-
Silver (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	-
Sodium (dissolved)	mg/L	-	-	-	34.2
Thallium	mg/L	0.001 U	0.001 U	0.001 U	-
Thallium (dissolved)	mg/L	0.00015 J	0.001 U	0.001 U	-
Vanadium	mg/L	0.0025 J	0.0047 ^a	0.01 ^a	-
Vanadium (dissolved)	mg/L	0.00072 J	0.004 U	0.004 U	-
Zinc	mg/L	0.02 U	0.039 U	0.039	-
Zinc (dissolved)	mg/L	0.02 U	0.02 U	0.02	0.01 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	714
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	-
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	-
pH	s.u.	-	-	-	5 ^{bu}
Temperature, field	Deg C	-	-	-	4.8
Total organic carbon (TOC)	mg/L	-	-	-	3.7
Total organic halides (TOX)	mg/L	-	-	-	0.03 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>B-27D~6/27/2006~N~LB</i>	<i>B-27D~11/30/2006~N~LB</i>	<i>B-27D~6/8/2007~N~LB</i>	<i>B-27D~11/15/2007~N~LB</i>
<i>Sample Date:</i>		<i>6/27/2006</i>	<i>11/30/2006</i>	<i>6/8/2007</i>	<i>11/15/2007</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,2-Trichloroethane	mg/L	-	-	-	-
1,1-Dichloroethane	mg/L	-	-	-	-
1,1-Dichloroethene	mg/L	-	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-	-
1,2-Dichlorobenzene	mg/L	-	-	-	-
1,2-Dichloroethane	mg/L	-	-	-	-
1,2-Dichloropropane	mg/L	-	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-	-
Acetone	mg/L	-	-	-	-
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	-	-	-	-
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	-	-	-	-
Bromoform	mg/L	-	-	-	-
Bromomethane (Methyl bromide)	mg/L	-	-	-	-
Carbon disulfide	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>					
<i>Sample Date:</i>					
		B-27D	B-27D	B-27D	B-27D
		B-27D~6/27/2006~N~LB	B-27D~11/30/2006~N~LB	B-27D~6/8/2007~N~LB	B-27D~11/15/2007~N~LB
		6/27/2006	11/30/2006	6/8/2007	11/15/2007
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-
cis-1,3-Dichloropropene	mg/L	-	-	-	-
Cyclohexane	mg/L	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	-	-
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-
Methylene chloride	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>B-27D~6/27/2006~N~LB</i>	<i>B-27D~11/30/2006~N~LB</i>	<i>B-27D~6/8/2007~N~LB</i>	<i>B-27D~11/15/2007~N~LB</i>
<i>Sample Date:</i>		<i>6/27/2006</i>	<i>11/30/2006</i>	<i>6/8/2007</i>	<i>11/15/2007</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	-	-	-	-
trans-1,3-Dichloropropene	mg/L	-	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-	-
Vinyl chloride	mg/L	-	-	-	-
Xylenes (total)	mg/L	-	-	-	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>					
<i>Sample Date:</i>					
	B-27D	B-27D	B-27D	B-27D	
	B-27D~6/27/2006~N~LB	B-27D~11/30/2006~N~LB	B-27D~6/8/2007~N~LB	B-27D~11/15/2007~N~LB	
	6/27/2006	11/30/2006	6/8/2007	11/15/2007	
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>B-27D~6/27/2006~N~LB</i>	<i>B-27D~11/30/2006~N~LB</i>	<i>B-27D~6/8/2007~N~LB</i>	<i>B-27D~11/15/2007~N~LB</i>
<i>Sample Date:</i>		<i>6/27/2006</i>	<i>11/30/2006</i>	<i>6/8/2007</i>	<i>11/15/2007</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	-	-	-	-
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	-	-	-	-
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	-	-	-	-
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	-	-	-	-
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	-	-	-	-
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	-	-	-	-
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	-	-	-	-
Chromium (dissolved)	mg/L	0.006	0.005 U	0.009	0.002
Cobalt	mg/L	-	-	-	-
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	-	-	-	-
Copper (dissolved)	mg/L	0.004 U	0.004 U	0.002	0.001
Iron	mg/L	-	-	-	-
Iron (dissolved)	mg/L	1.05 ^{ua}	-	1.52 ^{ua}	-
Lead	mg/L	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	-	-	-	-
Manganese (dissolved)	mg/L	0.11 ^{ua}	-	0.058 ^{ua}	-
Mercury	mg/L	-	-	-	-
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	-	-	-
Nickel (dissolved)	mg/L	0.007	0.005 U	0.003	0.005
Selenium	mg/L	-	-	-	-
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>B-27D~6/27/2006~N~LB</i>	<i>B-27D~11/30/2006~N~LB</i>	<i>B-27D~6/8/2007~N~LB</i>	<i>B-27D~11/15/2007~N~LB</i>
<i>Sample Date:</i>		<i>6/27/2006</i>	<i>11/30/2006</i>	<i>6/8/2007</i>	<i>11/15/2007</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	-	-	-
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	32.3	-	36.3	-
Thallium	mg/L	-	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	-	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	-	-	-	-
Zinc (dissolved)	mg/L	0.006	0.006	0.036	0.032
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	644	540	628	649
Cyanide (amenable)	mg/L	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-
pH	s.u.	7.1	7.5	6.6	7.3
Temperature, field	Deg C	13.5	11.7	14.6	11.6
Total organic carbon (TOC)	mg/L	1.3	1 U	4	1.9
Total organic halides (TOX)	mg/L	0.03 U	0.03 U	0.0257	0.03 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>	<i>B-27D~6/26/2008~N~LB</i>	<i>B-27D~11/21/2008~N~LB</i>	<i>B-27D~6/25/2009~N~LB</i>	<i>B-27D~11/18/2009~N~LB</i>
<i>Sample Date:</i>	<i>6/26/2008</i>	<i>11/21/2008</i>	<i>6/25/2009</i>	<i>11/18/2009</i>
<i>Parameters:</i>	<i>Units</i>			
<i>Volatile Organic Compounds</i>				
1,1,1,2-Tetrachloroethane	mg/L	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	-
1,1,2,2-Tetrachloroethane	mg/L	-	-	-
1,1,2-Trichloroethane	mg/L	-	-	-
1,1-Dichloroethane	mg/L	-	-	-
1,1-Dichloroethene	mg/L	-	-	-
1,2,3-Trichlorobenzene	mg/L	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	-
1,2,4-Trimethylbenzene	mg/L	-	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	-
1,2-Dichlorobenzene	mg/L	-	-	-
1,2-Dichloroethane	mg/L	-	-	-
1,2-Dichloropropane	mg/L	-	-	-
1,3,5-Trimethylbenzene	mg/L	-	-	-
1,3-Dichlorobenzene	mg/L	-	-	-
1,4-Dichlorobenzene	mg/L	-	-	-
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	-
2-Chloroethyl vinyl ether	mg/L	-	-	-
2-Hexanone	mg/L	-	-	-
2-Methylnaphthalene	mg/L	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	-
Acetone	mg/L	-	-	-
Acrylonitrile	mg/L	-	-	-
Benzene	mg/L	-	-	-
Bromobenzene	mg/L	-	-	-
Bromodichloromethane	mg/L	-	-	-
Bromoform	mg/L	-	-	-
Bromomethane (Methyl bromide)	mg/L	-	-	-
Carbon disulfide	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>B-27D~6/26/2008~N~LB</i>	<i>B-27D~11/21/2008~N~LB</i>	<i>B-27D~6/25/2009~N~LB</i>	<i>B-27D~11/18/2009~N~LB</i>
<i>Sample Date:</i>		<i>6/26/2008</i>	<i>11/21/2008</i>	<i>6/25/2009</i>	<i>11/18/2009</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	-	-	-
Chlorobenzene	mg/L	-	-	-	-
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	-	-
Chloroform (Trichloromethane)	mg/L	-	-	-	-
Chloromethane (Methyl chloride)	mg/L	-	-	-	-
cis-1,2-Dichloroethene	mg/L	-	-	-	-
cis-1,3-Dichloropropene	mg/L	-	-	-	-
Cyclohexane	mg/L	-	-	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	-	-
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	-	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	-	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	-	-
Methyl cyclohexane	mg/L	-	-	-	-
Methyl tert butyl ether (MTBE)	mg/L	-	-	-	-
Methylene chloride	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	-	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	-	-
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>	<i>B-27D~6/26/2008~N~LB</i>	<i>B-27D~11/21/2008~N~LB</i>	<i>B-27D~6/25/2009~N~LB</i>	<i>B-27D~11/18/2009~N~LB</i>
<i>Sample Date:</i>	<i>6/26/2008</i>	<i>11/21/2008</i>	<i>6/25/2009</i>	<i>11/18/2009</i>
<i>Parameters:</i>	<i>Units</i>			
trans-1,2-Dichloroethene	mg/L	-	-	-
trans-1,3-Dichloropropene	mg/L	-	-	-
trans-1,4-Dichloro-2-butene	mg/L	-	-	-
Trichloroethene	mg/L	-	-	-
Trichlorofluoromethane (CFC-11)	mg/L	-	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	-
Vinyl chloride	mg/L	-	-	-
Xylenes (total)	mg/L	-	-	-
<i>Semi-volatile Organic Compounds</i>				
1,2,4-Trichlorobenzene	mg/L	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-
2-Chloronaphthalene	mg/L	-	-	-
2-Chlorophenol	mg/L	-	-	-
2-Methylnaphthalene	mg/L	-	-	-
2-Methylphenol	mg/L	-	-	-
2-Nitroaniline	mg/L	-	-	-
2-Nitrophenol	mg/L	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-
3-Nitroaniline	mg/L	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-
4-Chloroaniline	mg/L	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-
4-Methylphenol	mg/L	-	-	-
4-Nitroaniline	mg/L	-	-	-
4-Nitrophenol	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>	<i>B-27D~6/26/2008~N~LB</i>	<i>B-27D~11/21/2008~N~LB</i>	<i>B-27D~6/25/2009~N~LB</i>	<i>B-27D~11/18/2009~N~LB</i>
<i>Sample Date:</i>	<i>6/26/2008</i>	<i>11/21/2008</i>	<i>6/25/2009</i>	<i>11/18/2009</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>B-27D~6/26/2008~N~LB</i>	<i>B-27D~11/21/2008~N~LB</i>	<i>B-27D~6/25/2009~N~LB</i>	<i>B-27D~11/18/2009~N~LB</i>
<i>Sample Date:</i>		<i>6/26/2008</i>	<i>11/21/2008</i>	<i>6/25/2009</i>	<i>11/18/2009</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	-	-	-	-
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	-	-	-	-
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	-	-	-	-
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	-	-	-	-
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	-	-	-	-
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	-	-	-	-
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	-	-	-	-
Chromium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	mg/L	-	-	-	-
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	-	-	-	-
Copper (dissolved)	mg/L	0.001 U	0.001 U	0.001	0.004 U
Iron	mg/L	-	-	-	-
Iron (dissolved)	mg/L	0.3	-	2.03 ^{ua}	-
Lead	mg/L	-	-	-	-
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	-	-	-	-
Manganese (dissolved)	mg/L	0.059 ^{ua}	-	0.052 ^{ua}	-
Mercury	mg/L	-	-	-	-
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	-	-	-
Nickel (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium	mg/L	-	-	-	-
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>B-27D~6/26/2008~N~LB</i>	<i>B-27D~11/21/2008~N~LB</i>	<i>B-27D~6/25/2009~N~LB</i>	<i>B-27D~11/18/2009~N~LB</i>
<i>Sample Date:</i>		<i>6/26/2008</i>	<i>11/21/2008</i>	<i>6/25/2009</i>	<i>11/18/2009</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	-	-	-
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	33.9	-	37.2	-
Thallium	mg/L	-	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	-	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	-	-	-	-
Zinc (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	659	667	651	653
Cyanide (amenable)	mg/L	-	-	-	-
Cyanide (total)	mg/L	-	-	-	-
pH	s.u.	7.1	6.8	6.8	7.3
Temperature, field	Deg C	16.3	6.6	16.5	11.2
Total organic carbon (TOC)	mg/L	1.7	1.3	1 U	2
Total organic halides (TOX)	mg/L	0.03 U	0.03 U	0.03 U	0.03 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120310-BW-017</i>	<i>GW-12636-051211-SSH-108</i>	<i>GW-12636-091411-JY-018</i>	<i>GW-12636-120811-JY-423</i>
<i>Sample Date:</i>		<i>12/3/2010</i>	<i>5/12/2011</i>	<i>9/14/2011</i>	<i>12/8/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.05 U	0.05 U	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.01 U	0.01 U
Acetone	mg/L	0.025 U	0.025 U	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120310-BW-017</i>	<i>GW-12636-051211-SSH-108</i>	<i>GW-12636-091411-JY-018</i>	<i>GW-12636-120811-JY-423</i>
<i>Sample Date:</i>		<i>12/3/2010</i>	<i>5/12/2011</i>	<i>9/14/2011</i>	<i>12/8/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120310-BW-017</i>	<i>GW-12636-051211-SSH-108</i>	<i>GW-12636-091411-JY-018</i>	<i>GW-12636-120811-JY-423</i>
<i>Sample Date:</i>		<i>12/3/2010</i>	<i>5/12/2011</i>	<i>9/14/2011</i>	<i>12/8/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>	<i>GW-12636-120310-BW-017</i>	<i>GW-12636-051211-SSH-108</i>	<i>GW-12636-091411-JY-018</i>	<i>GW-12636-120811-JY-423</i>
<i>Sample Date:</i>	<i>12/3/2010</i>	<i>5/12/2011</i>	<i>9/14/2011</i>	<i>12/8/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**Parameters:**Units***Metals**

		<i>B-27D</i> GW-12636-120310-BW-017 12/3/2010	<i>B-27D</i> GW-12636-051211-SSH-108 5/12/2011	<i>B-27D</i> GW-12636-091411-JY-018 9/14/2011	<i>B-27D</i> GW-12636-120811-JY-423 12/8/2011
Aluminum	mg/L	15.1 ^{ba}	1.05 ^{ba}	0.76 ^{ba}	1.5 ^{ba}
Aluminum (dissolved)	mg/L	-	-	0.072 ^{ba}	0.05 U
Antimony	mg/L	0.00049 J	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	0.002 U	0.002 U
Arsenic	mg/L	0.0644 ^{ba}	0.0454 ^{ba}	0.044 ^{ba}	0.053 ^{ba}
Arsenic (dissolved)	mg/L	-	-	0.045 ^{ba}	0.052 ^{ba}
Barium	mg/L	0.28	0.195	0.18	0.2
Barium (dissolved)	mg/L	-	-	0.18	0.19
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	0.001 U	0.001 U
Chromium	mg/L	0.033 ^t	0.005 U	0.005 U	0.014 ^t
Chromium (dissolved)	mg/L	-	-	0.005 U	0.005 U
Cobalt	mg/L	0.0127	0.007 U	0.007 U	0.0027 J
Cobalt (dissolved)	mg/L	-	-	0.007 U	0.007 U
Copper	mg/L	0.0258	0.0025 U	0.002 U	0.0031
Copper (dissolved)	mg/L	-	-	0.002 U	0.002 U
Iron	mg/L	27.9 ^{ba}	2.82 ^{ba}	1.9 ^{ba}	3.8 ^{ba}
Iron (dissolved)	mg/L	-	-	1.1 ^{ba}	1 ^{ba}
Lead	mg/L	0.0123 ^{ba}	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	0.003 U	0.003 U
Manganese	mg/L	0.584 ^{ba}	0.0637 ^{ba}	0.037 J	0.09 ^{ba}
Manganese (dissolved)	mg/L	-	-	0.028	0.033
Mercury	mg/L	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	0.0002 U	0.0002 U
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.0328	0.02 U	0.02 U	0.015 J
Nickel (dissolved)	mg/L	-	-	0.02 U	0.005 J
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>	<i>B-27D</i>
<i>Sample ID:</i>		<i>GW-12636-120310-BW-017</i>	<i>GW-12636-051211-SSH-108</i>	<i>GW-12636-091411-JY-018</i>	<i>GW-12636-120811-JY-423</i>
<i>Sample Date:</i>		<i>12/3/2010</i>	<i>5/12/2011</i>	<i>9/14/2011</i>	<i>12/8/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	0.0002 U	0.0002 U
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	0.0017 U	0.001 U
Vanadium	mg/L	0.0403 ^u	0.004 U	0.004 U	0.0052 ^u
Vanadium (dissolved)	mg/L	-	-	0.004 U	0.004 U
Zinc	mg/L	0.105 J	0.0209 U	0.02 U	0.028
Zinc (dissolved)	mg/L	-	-	0.02 U	0.02 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.010 U	0.010 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	-	-	0.0050 U	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>BH-101</i>	<i>BH-103</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120511-SH-BH101</i>	<i>GW-12636-120511-SH-BH103</i>	<i>MW-1</i>	<i>W-111496-BM-008</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/5/2011</i>	<i>11/14/1996</i>	<i>11/14/1996</i>
					<i>(other)</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	-	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	-	0.001 U
1,1-Dichloroethane	mg/L	0.00081 J	0.001 U	0.001	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	-	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	-	-
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.00016 J	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	-	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	-	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	-	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	-	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	-	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	-	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	-	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	-	0.05 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.01 U	0.01 U	-	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	-	0.05 U
Acetone	mg/L	0.01 U	0.01 U	-	0.1 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	-	0.005 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	-	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	-	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	-	0.05 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>BH-101</i>	<i>BH-103</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120511-SH-BH101</i>	<i>GW-12636-120511-SH-BH103</i>	<i>MW-1</i>	<i>W-111496-BM-008</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/5/2011</i>	<i>11/14/1996</i>	<i>11/14/1996</i>
					<i>(other)</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	-	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	-	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	-	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	-	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	-	0.005
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	-	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	-	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	-	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	-	-
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	-	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	-	-
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	-	-
Methyl cyclohexane	mg/L	0.001 U	0.001 U	-	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	-	-
Methylene chloride	mg/L	0.005 U	0.005 U	-	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	-	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.00014 J	0.0006	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>BH-101</i>	<i>BH-103</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120511-SH-BH101</i>	<i>GW-12636-120511-SH-BH103</i>	<i>MW-1</i>	<i>W-111496-BM-008</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/5/2011</i>	<i>11/14/1996</i>	<i>11/14/1996</i>
					<i>(other)</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.0017	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	-	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.0048	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	-	-
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	-	-
Vinyl chloride	mg/L	0.001 U	0.001 U	-	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	-	0.003 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>BH-101</i>	<i>BH-103</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>	<i>GW-12636-120511-SH-BH101</i>	<i>GW-12636-120511-SH-BH103</i>	<i>MW-1</i>	<i>W-111496-BM-008</i>
<i>Sample Date:</i>	<i>12/5/2011</i>	<i>12/5/2011</i>	<i>11/14/1996</i>	<i>11/14/1996</i>
				<i>(other)</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:***BH-101****GW-12636-120511-SH-BH101****12/5/2011****BH-103****GW-12636-120511-SH-BH103****12/5/2011****MW-1****MW-1****11/14/1996****MW-1****W-111496-BM-008****11/14/1996****(other)***Parameters:**Units***Metals**

Aluminum	mg/L	53 ^{ba}	0.47 ^{ba}	-	-
Aluminum (dissolved)	mg/L	0.89 ^{ba}	0.05 U	-	-
Antimony	mg/L	0.00059 J	0.002 U	-	-
Antimony (dissolved)	mg/L	0.002 U	0.002 U	-	-
Arsenic	mg/L	0.028 ^{ba}	0.005 U	U	-
Arsenic (dissolved)	mg/L	0.005 U	0.005 U	-	-
Barium	mg/L	0.86	0.35	U	-
Barium (dissolved)	mg/L	0.16	0.39	-	-
Beryllium	mg/L	0.0045 ^{ba}	0.001 U	-	-
Beryllium (dissolved)	mg/L	0.001 U	0.001 U	-	-
Cadmium	mg/L	0.0072 ^{ba}	0.001 U	-	-
Cadmium (dissolved)	mg/L	0.001 U	0.001 U	-	-
Chromium	mg/L	0.11 ^{ba}	0.005 U	-	-
Chromium (dissolved)	mg/L	0.005 U	0.005 U	-	-
Cobalt	mg/L	0.049 ^u	0.0049 J	-	-
Cobalt (dissolved)	mg/L	0.0058 J	0.0053 J	-	-
Copper	mg/L	0.09	0.0025	U	-
Copper (dissolved)	mg/L	0.002 U	0.002 U	-	-
Iron	mg/L	74 ^{ba}	5.4 ^{ba}	-	-
Iron (dissolved)	mg/L	1.7 ^{ba}	4.6 ^{ba}	-	-
Lead	mg/L	0.068 ^{ba}	0.003 U	U	-
Lead (dissolved)	mg/L	0.003 U	0.003 U	-	-
Manganese	mg/L	3.8 ^{ba}	1.3 ^{ba}	-	-
Manganese (dissolved)	mg/L	1.5 ^{ba}	1.4 ^{ba}	-	-
Mercury	mg/L	0.00032 ^t	0.0002 U	-	-
Mercury (dissolved)	mg/L	0.0002 U	0.0002 U	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.12 ^{ba}	0.0087 J	-	-
Nickel (dissolved)	mg/L	0.0063 J	0.0095 J	-	-
Selenium	mg/L	0.005 U	0.005 U	U	-
Selenium (dissolved)	mg/L	0.005 U	0.005 U	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>BH-101</i>	<i>BH-103</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120511-SH-BH101</i>	<i>GW-12636-120511-SH-BH103</i>	<i>MW-1</i>	<i>W-111496-BM-008</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/5/2011</i>	<i>11/14/1996</i>	<i>11/14/1996</i>
					<i>(other)</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.00015 J	0.0002 U	-	-
Silver (dissolved)	mg/L	0.0002 U	0.0002 U	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	-	-
Thallium (dissolved)	mg/L	0.001 U	0.001 U	-	-
Vanadium	mg/L	0.14 ^{um}	0.001 J	-	-
Vanadium (dissolved)	mg/L	0.00093 J	0.004 U	-	-
Zinc	mg/L	0.28	0.022	U	-
Zinc (dissolved)	mg/L	0.015 J	0.013 J	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	0.0002 U
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	0.0002 U
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	0.0004 U
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	0.0002 U
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	0.0002 U
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	0.0002 U
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	0.0002 U
Total PCBs	mg/L	-	-	-	0.0002 U
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	-	-
Cyanide (total)	mg/L	0.0050 U	0.0050 U	-	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120210-BW-011</i>	<i>GW-12636-051311-SSH-110</i>	<i>GW-12636-091211-JY-005</i>	<i>GW-12636-120711-JY-414</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/7/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 UJ	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.05 U	0.05 U	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.01 U	0.01 U
Acetone	mg/L	0.025 U	0.025 U	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 UJ	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120210-BW-011</i>	<i>GW-12636-051311-SSH-110</i>	<i>GW-12636-091211-JY-005</i>	<i>GW-12636-120711-JY-414</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/7/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.00023 J	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 UJ	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120210-BW-011</i>	<i>GW-12636-051311-SSH-110</i>	<i>GW-12636-091211-JY-005</i>	<i>GW-12636-120711-JY-414</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/7/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U

Semi-volatile Organic Compounds

1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>	<i>GW-12636-120210-BW-011</i>	<i>GW-12636-051311-SSH-110</i>	<i>GW-12636-091211-JY-005</i>	<i>GW-12636-120711-JY-414</i>
<i>Sample Date:</i>	<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/7/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:*

MW-1 GW-12636-120210-BW-011 12/2/2010	MW-1 GW-12636-051311-SSH-110 5/13/2011	MW-1 GW-12636-091211-JY-005 9/12/2011	MW-1 GW-12636-120711-JY-414 12/7/2011
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*Parameters:**Units***Metals**

Aluminum	mg/L	1.85 ^{ba}	0.633 ^{ba}	0.32 ^{ba}	0.11 ^{ba}
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	0.00036 J	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	0.0094	0.005 U	0.005 U	0.0065
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	0.0566 J	0.0445 J	0.045 J	0.053 J
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	0.0035 J	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	0.0032 J	0.007 U	0.0029 J	0.007 U
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	0.028	0.0083	0.004	0.0043
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	3.59 ^{ba}	0.857 ^{ba}	1.2 ^{ba}	0.24
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	0.0142 ^{ba}	0.0033	0.0033	0.003 U
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	0.164 ^{ba}	0.0567 ^{ba}	0.4 ^{ba}	0.025
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.0116 J	0.0037 J	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>	<i>MW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120210-BW-011</i>	<i>GW-12636-051311-SSH-110</i>	<i>GW-12636-091211-JY-005</i>	<i>GW-12636-120711-JY-414</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/7/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	0.0043	0.004 U	0.004 U	0.0027 J
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	0.196 J	0.0809	0.042	0.029 U
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.010 U	0.010 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	-	-	0.0050 U	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		MW-2	MW-2	MW-2	MW-2
<i>Sample ID:</i>		MW-2	W-8692-111496-SF-011	GW-12636-120310-BW-014	GW-12636-051311-SSH-113
<i>Sample Date:</i>		11/14/1996	11/14/1996 (other)	12/3/2010	5/13/2011
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	-	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	0.005 U	0.005 UJ
1,2,4-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.05 U	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	-	0.05 U	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.05 U	0.05 U	0.05 U
Acetone	mg/L	-	0.1 U	0.025 U	0.025 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	-	0.005 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	-	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	U	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	-	0.05 U	0.005 U	0.005 UJ

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		MW-2	MW-2	MW-2	MW-2
<i>Sample ID:</i>		MW-2	W-8692-111496-SF-011	GW-12636-120310-BW-014	GW-12636-051311-SSH-113
<i>Sample Date:</i>		11/14/1996	11/14/1996 (other)	12/3/2010	5/13/2011
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	-	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	0.005 U	0.005 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.005 U	0.005 U	0.005 UJ
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.0005	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.0007	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:		MW-2	MW-2	MW-2	MW-2
Sample ID:		MW-2	W-8692-111496-SF-011	GW-12636-120310-BW-014	GW-12636-051311-SSH-113
Sample Date:		11/14/1996	11/14/1996	12/3/2010	5/13/2011
			<i>(other)</i>		
Parameters:	Units				
trans-1,2-Dichloroethene	mg/L	U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.0044	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	-	0.001 U	0.001 UJ
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	0.001 U	0.001 U
Vinyl chloride	mg/L	-	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	-	0.003 U	0.002 U	0.002 U

Semi-volatile Organic Compounds

1,2,4-Trichlorobenzene	mg/L	-	0.005 U	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	0.005 U	-	-
2,4,5-Trichlorophenol	mg/L	-	0.05 U	-	-
2,4,6-Trichlorophenol	mg/L	-	0.005 U	-	-
2,4-Dichlorophenol	mg/L	-	0.005 U	-	-
2,4-Dimethylphenol	mg/L	-	0.005 U	-	-
2,4-Dinitrophenol	mg/L	-	0.02 U	-	-
2,4-Dinitrotoluene	mg/L	-	0.005 U	-	-
2,6-Dinitrotoluene	mg/L	-	0.005 U	-	-
2-Chloronaphthalene	mg/L	-	0.005 U	-	-
2-Chlorophenol	mg/L	-	0.005 U	-	-
2-Methylnaphthalene	mg/L	-	0.005 U	-	-
2-Methylphenol	mg/L	-	0.005 U	-	-
2-Nitroaniline	mg/L	-	0.02 U	-	-
2-Nitrophenol	mg/L	0.0018	0.005 U	-	-
3,3'-Dichlorobenzidine	mg/L	-	0.02 U	-	-
3-Nitroaniline	mg/L	-	0.02 U	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	0.02 U	-	-
4-Bromophenyl phenyl ether	mg/L	-	0.005 U	-	-
4-Chloro-3-methylphenol	mg/L	-	0.005 U	-	-
4-Chloroaniline	mg/L	-	0.02 U	-	-
4-Chlorophenyl phenyl ether	mg/L	-	0.005 U	-	-
4-Methylphenol	mg/L	-	0.005 U	-	-
4-Nitroaniline	mg/L	-	0.02 U	-	-
4-Nitrophenol	mg/L	-	0.02 U	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	MW-2	MW-2	MW-2	MW-2
<i>Sample ID:</i>	MW-2	W-8692-111496-SF-011	GW-12636-120310-BW-014	GW-12636-051311-SSH-113
<i>Sample Date:</i>	11/14/1996	11/14/1996 (other)	12/3/2010	5/13/2011
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	0.00016	0.005 U	-
Acenaphthylene	mg/L	-	0.005 U	-
Anthracene	mg/L	-	0.005 U	-
Benzo(a)anthracene	mg/L	-	0.005 U	-
Benzo(a)pyrene	mg/L	-	0.005 U	-
Benzo(b)fluoranthene	mg/L	-	0.005 U	-
Benzo(g,h,i)perylene	mg/L	-	0.005 U	-
Benzo(k)fluoranthene	mg/L	-	0.005 U	-
bis(2-Chloroethoxy)methane	mg/L	-	0.005 U	-
bis(2-Chloroethyl)ether	mg/L	-	0.005 U	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	0.005 U	-
Butyl benzylphthalate (BBP)	mg/L	-	0.005 U	-
Carbazole	mg/L	-	0.005 U	-
Chrysene	mg/L	-	0.005 U	-
Dibenz(a,h)anthracene	mg/L	-	0.005 U	-
Dibenzofuran	mg/L	-	0.005 U	-
Diethyl phthalate	mg/L	-	0.005 U	-
Dimethyl phthalate	mg/L	-	0.005 U	-
Di-n-butylphthalate (DBP)	mg/L	0.0007	0.005 U	-
Di-n-octyl phthalate (DnOP)	mg/L	-	0.005 U	-
Fluoranthene	mg/L	-	0.005 U	-
Fluorene	mg/L	0.00014	0.005 U	-
Hexachlorobenzene	mg/L	-	0.005 U	-
Hexachlorobutadiene	mg/L	-	0.005 U	-
Hexachlorocyclopentadiene	mg/L	-	0.005 U	-
Hexachloroethane	mg/L	-	0.005 U	-
Indeno(1,2,3-cd)pyrene	mg/L	-	0.005 U	-
Isophorone	mg/L	-	0.005 U	-
Naphthalene	mg/L	0.00017	0.005 U	-
Nitrobenzene	mg/L	-	0.005 U	-
N-Nitrosodi-n-propylamine	mg/L	-	0.005 U	-
N-Nitrosodiphenylamine	mg/L	-	0.005 U	-
Pentachlorophenol	mg/L	-	0.02 U	-
Phenanthrene	mg/L	0.0006	0.005 U	-
Phenol	mg/L	-	0.005 U	-
Pyrene	mg/L	-	0.005 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		MW-2	MW-2	MW-2	MW-2
<i>Sample ID:</i>		MW-2	W-8692-111496-SF-011	GW-12636-120310-BW-014	GW-12636-051311-SSH-113
<i>Sample Date:</i>		11/14/1996	11/14/1996 (other)	12/3/2010	5/13/2011
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	-	-	0.508 ^{ba}	0.213 ^{ba}
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	-	-	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	U	-	0.0279 ^{ba}	0.0046 J
Arsenic (dissolved)	mg/L	-	0.005 U	-	-
Barium	mg/L	0.54	-	0.279	0.0515 J
Barium (dissolved)	mg/L	-	0.2 U	-	-
Beryllium	mg/L	-	-	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	-	-	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	0.0005 U	-	-
Chromium	mg/L	-	-	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	0.05 U	-	-
Cobalt	mg/L	-	-	0.0056 J	0.0024 J
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	U	-	0.0041	0.0026 U
Copper (dissolved)	mg/L	-	0.025 U	-	-
Iron	mg/L	-	-	24.8 ^{ba}	8.27 ^{ba}
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	U	-	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	0.003 U	-	-
Manganese	mg/L	-	-	2.12 ^{ba}	0.541 ^{ba}
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	-	-	0.0002 UJ	0.0002 U
Mercury (dissolved)	mg/L	-	0.0002 U	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	-	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	U	-	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	0.0095 ^r	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		MW-2	MW-2	MW-2	MW-2
<i>Sample ID:</i>		MW-2	W-8692-111496-SF-011	GW-12636-120310-BW-014	GW-12636-051311-SSH-113
<i>Sample Date:</i>		11/14/1996	11/14/1996 (other)	12/3/2010	5/13/2011
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	-	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	0.0005 U	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	-	-	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	-	-	0.0014 J	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	U	-	0.043 J	0.0351 U
Zinc (dissolved)	mg/L	-	0.02 U	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	-	-	0.010 U	0.010 U
Cyanide (total)	mg/L	-	-	-	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-2</i>	<i>MW-2</i>	<i>MW-2-02</i>	<i>MW-3-02</i>
<i>Sample ID:</i>		<i>GW-12636-091211-JY-003</i>	<i>GW-12636-120611-JY-409</i>	<i>GW-12636-112910-BW-002</i>	<i>GW-12636-120210-BW-007</i>
<i>Sample Date:</i>		<i>9/12/2011</i>	<i>12/6/2011</i>	<i>11/29/2010</i>	<i>12/2/2010</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.01 U	0.01 U	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.05 U	0.05 U
Acetone	mg/L	0.01 U	0.01 U	0.025 U	0.025 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 UJ
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-2</i>	<i>MW-2</i>	<i>MW-2-02</i>	<i>MW-3-02</i>
<i>Sample ID:</i>		<i>GW-12636-091211-JY-003</i>	<i>GW-12636-120611-JY-409</i>	<i>GW-12636-112910-BW-002</i>	<i>GW-12636-120210-BW-007</i>
<i>Sample Date:</i>		<i>9/12/2011</i>	<i>12/6/2011</i>	<i>11/29/2010</i>	<i>12/2/2010</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.005 U	0.005 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 UJ	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-2</i>	<i>MW-2</i>	<i>MW-2-02</i>	<i>MW-3-02</i>
<i>Sample ID:</i>		<i>GW-12636-091211-JY-003</i>	<i>GW-12636-120611-JY-409</i>	<i>GW-12636-112910-BW-002</i>	<i>GW-12636-120210-BW-007</i>
<i>Sample Date:</i>		<i>9/12/2011</i>	<i>12/6/2011</i>	<i>11/29/2010</i>	<i>12/2/2010</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	MW-2	MW-2	MW-2-02	MW-3-02
<i>Sample ID:</i>	GW-12636-091211-JY-003	GW-12636-120611-JY-409	GW-12636-112910-BW-002	GW-12636-120210-BW-007
<i>Sample Date:</i>	9/12/2011	12/6/2011	11/29/2010	12/2/2010
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:*

MW-2
GW-12636-091211-JY-003
9/12/2011

MW-2
GW-12636-120611-JY-409
12/6/2011

MW-2-02
GW-12636-112910-BW-002
11/29/2010

MW-3-02
GW-12636-120210-BW-007
12/2/2010

*Parameters:**Units**Metals*

Aluminum	mg/L	0.036 J	0.051 ^{ua}	0.2 U	0.2 U
Aluminum (dissolved)	mg/L	0.05 U	0.05 U	-	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	0.002 U	0.002 U	-	-
Arsenic	mg/L	0.01	0.005 U	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	0.0075	0.005 U	-	-
Barium	mg/L	0.22	0.23	0.126	0.0956 J
Barium (dissolved)	mg/L	0.23	0.23	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	0.001 U	-	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	0.001 U	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	0.005 U	0.005 U	-	-
Cobalt	mg/L	0.0023 J	0.0076	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	0.0059 J	0.0072	-	-
Copper	mg/L	0.00044 J	0.002 U	0.002 U	0.0032
Copper (dissolved)	mg/L	0.00056 J	0.002 U	-	-
Iron	mg/L	16 ^{ua}	12 ^{ua}	0.1 U	0.0825 J
Iron (dissolved)	mg/L	14 ^{ua}	11 ^{ua}	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	0.003 U	-	-
Manganese	mg/L	2.5 ^{ua}	2.6 ^{ua}	0.576 ^{ua}	1.95 ^{ua}
Manganese (dissolved)	mg/L	2.7 ^{ua}	2.6 ^{ua}	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ
Mercury (dissolved)	mg/L	0.0002 U	0.0002 U	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.0061 J
Nickel (dissolved)	mg/L	0.02 U	0.02 U	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	0.005 U	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-2</i>	<i>MW-2</i>	<i>MW-2-02</i>	<i>MW-3-02</i>
<i>Sample ID:</i>		<i>GW-12636-091211-JY-003</i>	<i>GW-12636-120611-JY-409</i>	<i>GW-12636-112910-BW-002</i>	<i>GW-12636-120210-BW-007</i>
<i>Sample Date:</i>		<i>9/12/2011</i>	<i>12/6/2011</i>	<i>11/29/2010</i>	<i>12/2/2010</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	0.0002 U	0.0002 U	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.001 U	0.001 U	-	-
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	0.004 U	0.004 U	-	-
Zinc	mg/L	0.0082 J	0.017 J	0.02 U	0.02 U
Zinc (dissolved)	mg/L	0.02 U	0.011 J	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.010 U	0.010 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	-	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>		<i>GW-12636-112910-BW-001</i>	<i>GW-12636-051111-SSH-101</i>	<i>GW-12636-091311-JY-009</i>	<i>GW-12636-120511-JY-403</i>
<i>Sample Date:</i>		<i>11/29/2010</i>	<i>5/11/2011</i>	<i>9/13/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.05 U	0.05 U	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.05 U	0.01 U	0.01 U
Acetone	mg/L	0.025 U	0.025 U	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>		<i>GW-12636-112910-BW-001</i>	<i>GW-12636-051111-SSH-101</i>	<i>GW-12636-091311-JY-009</i>	<i>GW-12636-120511-JY-403</i>
<i>Sample Date:</i>		<i>11/29/2010</i>	<i>5/11/2011</i>	<i>9/13/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 U	0.001 UJ	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 UJ	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>		<i>GW-12636-112910-BW-001</i>	<i>GW-12636-051111-SSH-101</i>	<i>GW-12636-091311-JY-009</i>	<i>GW-12636-120511-JY-403</i>
<i>Sample Date:</i>		<i>11/29/2010</i>	<i>5/11/2011</i>	<i>9/13/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U

Semi-volatile Organic Compounds

1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>	<i>GW-12636-112910-BW-001</i>	<i>GW-12636-051111-SSH-101</i>	<i>GW-12636-091311-JY-009</i>	<i>GW-12636-120511-JY-403</i>
<i>Sample Date:</i>	<i>11/29/2010</i>	<i>5/11/2011</i>	<i>9/13/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>		<i>GW-12636-112910-BW-001</i>	<i>GW-12636-051111-SSH-101</i>	<i>GW-12636-091311-JY-009</i>	<i>GW-12636-120511-JY-403</i>
<i>Sample Date:</i>		<i>11/29/2010</i>	<i>5/11/2011</i>	<i>9/13/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	0.157 J ^{ba}	0.101 J ^{ba}	0.05 U	0.05 U
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	0.00035 J	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	0.119	0.105	0.11	0.11
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	0.0025 U	0.002 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	1.41 ^{ba}	0.101	0.1 U	0.1 U
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	0.0063 ^{ba}	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	0.426 ^{ba}	0.0418	0.023 J	0.01 J
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>	<i>MW-4-02</i>
<i>Sample ID:</i>		<i>GW-12636-112910-BW-001</i>	<i>GW-12636-051111-SSH-101</i>	<i>GW-12636-091311-JY-009</i>	<i>GW-12636-120511-JY-403</i>
<i>Sample Date:</i>		<i>11/29/2010</i>	<i>5/11/2011</i>	<i>9/13/2011</i>	<i>12/5/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.0015 U	0.001 U
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.010 U	0.010 U	0.0050 U	0.0050 U
Cyanide (total)	mg/L	-	-	0.0050 U	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-404</i>	<i>GW-12636-120210-BW-004</i>	<i>MW-15-10</i>	<i>GW-12636-051411-SSH-118</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/2/2010</i>	<i>12/2/2010</i>	<i>5/14/2011</i>
		<i>(Duplicate)</i>		<i>(other)</i>	
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	0.001 U	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	0.005 U	-
1,2,3-Trichloropropane	mg/L	-	-	0.001 U	-
1,2,3-Trimethylbenzene	mg/L	-	-	0.001 U	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.005 U	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.005 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.025 U	0.005 U	0.00072 J
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.01 U	0.05 U	0.005 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	0.005 U X	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	0.001 U	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.05 U	0.005 U	0.05 U
Acetone	mg/L	0.01 U	0.0025 J	0.02 U	0.025 U
Acrylonitrile	mg/L	-	-	0.005 U Z	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.00024 J
Bromobenzene	mg/L	-	-	0.001 U	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.0022
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.005 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.001 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-404</i>	<i>GW-12636-120210-BW-004</i>	<i>MW-15-10</i>	<i>GW-12636-051411-SSH-118</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/2/2010</i>	<i>12/2/2010</i>	<i>5/14/2011</i>
		<i>(Duplicate)</i>		<i>(other)</i>	
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	0.001 U	-
Chloroethane	mg/L	0.001 U	0.001 U	0.005 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.00079 J	0.001 U	0.006
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.005 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.005 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	0.001 U	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.0012
Dibromomethane	mg/L	-	-	0.001 U	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 UJ	0.005 U 5	0.001 U
Diisopropyl ether	mg/L	-	-	0.005 U	-
Ethyl ether	mg/L	-	-	0.005 U	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	0.005 U	-
Iodomethane	mg/L	-	-	0.001 U	-
Isopropyl benzene	mg/L	0.001 U	0.005 U	0.001 U	0.005 U
m&p-Xylenes	mg/L	-	-	0.002 U	-
Methyl acetate	mg/L	0.01 U	0.01 U	-	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	-	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.001 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 UJ	0.005 U	0.005 U
Naphthalene	mg/L	-	-	0.005 U X	-
N-Butylbenzene	mg/L	-	-	0.001 U	-
N-Propylbenzene	mg/L	-	-	0.001 U	-
o-Xylene	mg/L	-	-	0.001 U	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	0.005 U	-
tert-Butyl alcohol	mg/L	-	-	0.05 U	-
tert-Butyl ethyl ether	mg/L	-	-	0.005 U	-
tert-Butylbenzene	mg/L	-	-	0.001 U	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	0.005 U	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.00018 J

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-404</i>	<i>GW-12636-120210-BW-004</i>	<i>MW-15-10</i>	<i>GW-12636-051411-SSH-118</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/2/2010</i>	<i>12/2/2010</i>	<i>5/14/2011</i>
		<i>(Duplicate)</i>		<i>(other)</i>	
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	0.005 U Z	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	-	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	-	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-404</i>	<i>GW-12636-120210-BW-004</i>	<i>MW-15-10</i>	<i>GW-12636-051411-SSH-118</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/2/2010</i>	<i>12/2/2010</i>	<i>5/14/2011</i>
		<i>(Duplicate)</i>		<i>(other)</i>	
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-404</i>	<i>GW-12636-120210-BW-004</i>	<i>MW-15-10</i>	<i>GW-12636-051411-SSH-118</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/2/2010</i>	<i>12/2/2010</i>	<i>5/14/2011</i>
		<i>(Duplicate)</i>		<i>(other)</i>	
<i>Parameters:</i>	<i>Units</i>				
Metals					
Aluminum	mg/L	0.05 U	3.19 ^{ba}	-	3.74 ^{ba}
Aluminum (dissolved)	mg/L	-	0.2 U	-	-
Antimony	mg/L	0.002 U	0.00022 J	0.001 U	0.00039 J
Antimony (dissolved)	mg/L	-	0.002 U	-	-
Arsenic	mg/L	0.005 U	0.0192 ^{ba}	0.017 ^{ba}	0.0044 J
Arsenic (dissolved)	mg/L	-	0.0193 ^{ba}	-	-
Barium	mg/L	0.11	0.132	0.12	0.118
Barium (dissolved)	mg/L	-	0.119	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	0.001 U	-	-
Cadmium	mg/L	0.001 U	0.001 U	0.0002 U	0.001 U
Cadmium (dissolved)	mg/L	-	0.001 U	-	-
Chromium	mg/L	0.005 U	0.0049 J	0.004	0.007
Chromium (dissolved)	mg/L	-	0.005 U	-	-
Cobalt	mg/L	0.007 U	0.0019 J	0.015 U	0.0025 J
Cobalt (dissolved)	mg/L	-	0.007 U	-	-
Copper	mg/L	0.002 U	0.0033	0.0024	0.0055
Copper (dissolved)	mg/L	-	0.002 U	-	-
Iron	mg/L	0.1 U	4.29 ^{ba}	3.1 ^{ba}	4.47 ^{ba}
Iron (dissolved)	mg/L	-	0.259	-	-
Lead	mg/L	0.003 U	0.003 U	0.0012	0.0024 J
Lead (dissolved)	mg/L	-	0.003 U	-	-
Manganese	mg/L	0.01 J	0.153 ^{ba}	0.14 ^{ba}	0.133 ^{ba}
Manganese (dissolved)	mg/L	-	0.103 ^{ba}	-	-
Mercury	mg/L	0.0002 U	0.0002 UJ	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	0.0002 U	-	-
Molybdenum	mg/L	-	-	0.025 U	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.0052 J	0.004	0.0051 J
Nickel (dissolved)	mg/L	-	0.02 U	-	-
Selenium	mg/L	0.005 U	0.005 U	0.001 U	0.005 U
Selenium (dissolved)	mg/L	-	0.005 U	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-4-02</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-404</i>	<i>GW-12636-120210-BW-004</i>	<i>MW-15-10</i>	<i>GW-12636-051411-SSH-118</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>12/2/2010</i>	<i>12/2/2010</i>	<i>5/14/2011</i>
		<i>(Duplicate)</i>		<i>(other)</i>	
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	0.0002 U	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.002 U	0.001 U
Thallium (dissolved)	mg/L	-	0.001 U	-	-
Vanadium	mg/L	0.004 U	0.008 ^u	0.0055 ^u	0.0094 ^u
Vanadium (dissolved)	mg/L	-	0.004 U	-	-
Zinc	mg/L	0.0053 J	0.02 U	0.01 U	0.0329 U
Zinc (dissolved)	mg/L	-	0.02 U	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	0.010 U	-	0.010 U
Cyanide (total)	mg/L	0.0050 U	-	-	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>GW-12636-091311-JY-011</i>	<i>GW-12636-091311-JY-013</i>	<i>GW-12636-120711-JY-417</i>	<i>GW-12636-120210-BW-005</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>9/13/2011</i>	<i>12/7/2011</i>	<i>12/2/2010</i>
			<i>(Duplicate)</i>		
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	0.0012 J
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.05 U
Acetone	mg/L	0.01 U	0.01 U	0.01 U	0.006 J
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.00015 J	0.00014 J	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>GW-12636-091311-JY-011</i>	<i>GW-12636-091311-JY-013</i>	<i>GW-12636-120711-JY-417</i>	<i>GW-12636-120210-BW-005</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>9/13/2011</i>	<i>12/7/2011</i>	<i>12/2/2010</i>
			<i>(Duplicate)</i>		
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.0012	0.00085 J	0.00061 J	0.00055 J
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 UJ	0.001 U	0.001 UJ
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 UJ
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>GW-12636-091311-JY-011</i>	<i>GW-12636-091311-JY-013</i>	<i>GW-12636-120711-JY-417</i>	<i>GW-12636-120210-BW-005</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>9/13/2011</i>	<i>12/7/2011</i>	<i>12/2/2010</i>
			<i>(Duplicate)</i>		
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>	<i>GW-12636-091311-JY-011</i>	<i>GW-12636-091311-JY-013</i>	<i>GW-12636-120711-JY-417</i>	<i>GW-12636-120210-BW-005</i>
<i>Sample Date:</i>	<i>9/13/2011</i>	<i>9/13/2011</i>	<i>12/7/2011</i>	<i>12/2/2010</i>
<i>Parameters:</i>	<i>Units</i>	<i>(Duplicate)</i>		
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:*

MW-15-10
GW-12636-091311-JY-011
9/13/2011

MW-15-10
GW-12636-091311-JY-013
9/13/2011
(Duplicate)

MW-15-10
GW-12636-120711-JY-417
12/7/2011

MW-16-10
GW-12636-120210-BW-005
12/2/2010

*Parameters:**Units**Metals*

Aluminum	mg/L	0.11 ^{ua}	0.08 ^{ua}	0.098 ^{ua}	27.6 ^{ua}
Aluminum (dissolved)	mg/L	0.029 J	0.02 J	0.05 U	0.2 U
Antimony	mg/L	0.002 U	0.002 U	0.002 U	0.00078 J
Antimony (dissolved)	mg/L	0.002 U	0.002 U	0.002 U	0.00035 J
Arsenic	mg/L	0.0061	0.0054	0.0071	0.0304 ^{ua}
Arsenic (dissolved)	mg/L	0.0087	0.0084	0.0047 J	0.0086
Barium	mg/L	0.16	0.16	0.2	0.33
Barium (dissolved)	mg/L	0.16	0.16	0.2	0.159
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.0535 ^{ua}
Chromium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	0.0209
Cobalt (dissolved)	mg/L	0.007 U	0.007 U	0.007 U	0.007 U
Copper	mg/L	0.002 U	0.002 U	0.002 U	0.0351
Copper (dissolved)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Iron	mg/L	1.9 ^{ua}	1.9 ^{ua}	2.4 ^{ua}	50.1 ^{ua}
Iron (dissolved)	mg/L	1.8 ^{ua}	1.7 ^{ua}	2.1 ^{ua}	0.188
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.0205 ^{ua}
Lead (dissolved)	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Manganese	mg/L	0.11 J ^{ua}	0.11 J ^{ua}	0.13 ^{ua}	1.3 ^{ua}
Manganese (dissolved)	mg/L	0.11 ^{ua}	0.11 ^{ua}	0.12 ^{ua}	0.0809 ^{ua}
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ
Mercury (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	0.0473
Nickel (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-15-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>GW-12636-091311-JY-011</i>	<i>GW-12636-091311-JY-013</i>	<i>GW-12636-120711-JY-417</i>	<i>GW-12636-120210-BW-005</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>9/13/2011</i>	<i>12/7/2011</i>	<i>12/2/2010</i>
			<i>(Duplicate)</i>		
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.000083 J	0.0002 U
Silver (dissolved)	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.001 U	0.001 U	0.00016 J	0.001 U
Vanadium	mg/L	0.004 U	0.004 U	0.00065 J	0.0705 ^{out}
Vanadium (dissolved)	mg/L	0.004 U	0.004 U	0.004 U	0.004 U
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.121 J
Zinc (dissolved)	mg/L	0.02 U	0.02 U	0.02 U	0.02 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.010 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U	0.0050 U	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>MW-16-10</i>	<i>GW-12636-051411-SSH-119</i>	<i>GW-12636-051411-SSH-120</i>	<i>GW-12636-091411-JY-014</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/14/2011</i>	<i>5/14/2011</i>	<i>9/14/2011</i>
		<i>(other)</i>		<i>(Duplicate)</i>	
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	0.001 U	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	0.005 U	-	-	-
1,2,3-Trichloropropane	mg/L	0.001 U	-	-	-
1,2,3-Trimethylbenzene	mg/L	0.001 U	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.005 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.005 U	0.001 U	0.001 U	0.001 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.005 U	0.00066 J	0.00066 J	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	0.005 U	0.05 U	0.05 U	0.01 U
2-Methylnaphthalene	mg/L	0.005 U X	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	0.001 U	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.005 U	0.05 U	0.05 U	0.01 U
Acetone	mg/L	0.02 U	0.025 U	0.025 U	0.0038 J
Acrylonitrile	mg/L	0.005 U Z	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	0.001 U	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.0022	0.0022	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.005 U	0.001 U	0.001 U	0.001 UJ
Carbon disulfide	mg/L	0.001 U	0.00029 J	0.00029 J	0.00074 J

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>MW-16-10</i>	<i>GW-12636-051411-SSH-119</i>	<i>GW-12636-051411-SSH-120</i>	<i>GW-12636-091411-JY-014</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/14/2011</i>	<i>5/14/2011</i>	<i>9/14/2011</i>
		<i>(other)</i>		<i>(Duplicate)</i>	
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	0.001 U	-	-	-
Chloroethane	mg/L	0.005 U	0.001 U	0.001 U	0.001 UJ
Chloroform (Trichloromethane)	mg/L	0.001 U	0.01	0.0099	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.005 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.005 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	0.001 U	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.00097 J	0.00094 J	0.001 U
Dibromomethane	mg/L	0.001 U	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.005 U 5	0.001 U	0.001 U	0.001 UJ
Diisopropyl ether	mg/L	0.005 U	-	-	-
Ethyl ether	mg/L	0.005 U	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	0.005 U	-	-	-
Iodomethane	mg/L	0.001 U	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.005 U	0.005 U	0.001 U
m&p-Xylenes	mg/L	0.002 U	-	-	-
Methyl acetate	mg/L	-	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	0.005 U X	-	-	-
N-Butylbenzene	mg/L	0.001 U	-	-	-
N-Propylbenzene	mg/L	0.001 U	-	-	-
o-Xylene	mg/L	0.001 U	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	0.005 U	-	-	-
tert-Butyl alcohol	mg/L	0.05 U	-	-	-
tert-Butyl ethyl ether	mg/L	0.005 U	-	-	-
tert-Butylbenzene	mg/L	0.001 U	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	0.005 U	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>MW-16-10</i>	<i>GW-12636-051411-SSH-119</i>	<i>GW-12636-051411-SSH-120</i>	<i>GW-12636-091411-JY-014</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/14/2011</i>	<i>5/14/2011</i>	<i>9/14/2011</i>
		<i>(other)</i>		<i>(Duplicate)</i>	
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	0.005 U Z	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	-	0.002 U	0.002 U	0.002 U

Semi-volatile Organic Compounds

1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		MW-16-10	MW-16-10	MW-16-10	MW-16-10
<i>Sample ID:</i>		MW-16-10	GW-12636-051411-SSH-119	GW-12636-051411-SSH-120	GW-12636-091411-JY-014
<i>Sample Date:</i>		12/2/2010	5/14/2011	5/14/2011	9/14/2011
		(other)		(Duplicate)	
<i>Parameters:</i>	<i>Units</i>				
Acenaphthene	mg/L	-	-	-	-
Acenaphthylene	mg/L	-	-	-	-
Anthracene	mg/L	-	-	-	-
Benzo(a)anthracene	mg/L	-	-	-	-
Benzo(a)pyrene	mg/L	-	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-
Carbazole	mg/L	-	-	-	-
Chrysene	mg/L	-	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-	-
Dibenzofuran	mg/L	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-
Fluoranthene	mg/L	-	-	-	-
Fluorene	mg/L	-	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	-
Isophorone	mg/L	-	-	-	-
Naphthalene	mg/L	-	-	-	-
Nitrobenzene	mg/L	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-
Phenanthrene	mg/L	-	-	-	-
Phenol	mg/L	-	-	-	-
Pyrene	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>MW-16-10</i>	<i>GW-12636-051411-SSH-119</i>	<i>GW-12636-051411-SSH-120</i>	<i>GW-12636-091411-JY-014</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/14/2011</i>	<i>5/14/2011</i>	<i>9/14/2011</i>
		<i>(other)</i>		<i>(Duplicate)</i>	
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	-	0.397 ^{ba}	0.314 ^{ba}	0.13 ^{ba}
Aluminum (dissolved)	mg/L	-	-	-	0.05 U
Antimony	mg/L	-	0.00034 J	0.00023 J	0.002 U
Antimony (dissolved)	mg/L	0.001 U	-	-	0.002 U
Arsenic	mg/L	-	0.0055	0.0059	0.0072
Arsenic (dissolved)	mg/L	0.0061	-	-	0.0079
Barium	mg/L	-	0.182	0.205	0.23
Barium (dissolved)	mg/L	0.14	-	-	0.23
Beryllium	mg/L	-	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	-	-	0.001 U
Cadmium	mg/L	-	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.0002 U	-	-	0.001 U
Chromium	mg/L	-	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	0.001	-	-	0.005 U
Cobalt	mg/L	-	0.007 U	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	0.015 U	-	-	0.007 U
Copper	mg/L	-	0.002 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	0.001 U	-	-	0.002 U
Iron	mg/L	-	0.657 ^{ba}	0.551 ^{ba}	0.31 ^{ba}
Iron (dissolved)	mg/L	0.02 U	-	-	0.3
Lead	mg/L	-	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.001 U	-	-	0.003 U
Manganese	mg/L	-	0.112 ^{ba}	0.11 ^{ba}	0.13 ^{ba}
Manganese (dissolved)	mg/L	0.063 ^{ba}	-	-	0.13 ^{ba}
Mercury	mg/L	-	0.0002 U	0.0002 U	0.00019 J ⁺
Mercury (dissolved)	mg/L	0.0002 U	-	-	0.0002 U
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	0.025 U	-	-	-
Nickel	mg/L	-	0.02 U	0.02 U	0.02 U
Nickel (dissolved)	mg/L	0.002 U	-	-	0.02 U
Selenium	mg/L	-	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.001 U	-	-	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>	<i>MW-16-10</i>
<i>Sample ID:</i>		<i>MW-16-10</i>	<i>GW-12636-051411-SSH-119</i>	<i>GW-12636-051411-SSH-120</i>	<i>GW-12636-091411-JY-014</i>
<i>Sample Date:</i>		<i>12/2/2010</i>	<i>5/14/2011</i>	<i>5/14/2011</i>	<i>9/14/2011</i>
		<i>(other)</i>		<i>(Duplicate)</i>	
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	0.0002 U	0.0002 U	0.00036 U
Silver (dissolved)	mg/L	0.0002 U	-	-	0.0002 U
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	-	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.002 U	-	-	0.001 U
Vanadium	mg/L	-	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	0.002 U	-	-	0.004 U
Zinc	mg/L	-	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	0.01 U	-	-	0.02 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	-	0.010 U	0.010 U	0.0050 U
Cyanide (total)	mg/L	-	-	-	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>MW-16-10</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>	<i>GW-12636-120711-JY-416</i>	<i>PFW-1</i>	<i>GW-12636-100802-DD-001</i>	<i>GW-12636-100802-DD-002</i>
<i>Sample Date:</i>	<i>12/7/2011</i>	<i>4/1/1997</i>	<i>10/8/2002</i>	<i>10/8/2002</i>
<i>Parameters:</i>	<i>Units</i>			
<i>Volatile Organic Compounds</i>				
1,1,1,2-Tetrachloroethane	mg/L	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	-	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	-	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	-	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	-	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	-	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	-	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	0.01 U	-
2-Hexanone	mg/L	0.01 U	-	0.01 U
2-Methylnaphthalene	mg/L	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	-	0.01 U
Acetone	mg/L	0.01 U	-	0.01 U
Acrylonitrile	mg/L	-	-	-
Benzene	mg/L	0.001 U	0.005 U	0.001 U
Bromobenzene	mg/L	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U
Carbon disulfide	mg/L	0.001 J	-	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120711-JY-416</i>	<i>PFW-1</i>	<i>GW-12636-100802-DD-001</i>	<i>GW-12636-100802-DD-002</i>
<i>Sample Date:</i>		<i>12/7/2011</i>	<i>4/1/1997</i>	<i>10/8/2002</i>	<i>10/8/2002</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.002 U	0.002 U
Chloroform (Trichloromethane)	mg/L	0.00057 J	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.002 U	0.002 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.0005 U	0.0005 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	-	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	0.003 U	-	-
Methyl acetate	mg/L	0.01 U	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	-	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.001 U	0.001 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	0.003 U	-	-
Styrene	mg/L	0.001 U	-	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120711-JY-416</i>	<i>PFW-1</i>	<i>GW-12636-100802-DD-001</i>	<i>GW-12636-100802-DD-002</i>
<i>Sample Date:</i>		<i>12/7/2011</i>	<i>4/1/1997</i>	<i>10/8/2002</i>	<i>10/8/2002</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.0005 U	0.0005 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	-	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	-	0.001 U	0.001 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>MW-16-10</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>	<i>GW-12636-120711-JY-416</i>	<i>PFW-1</i>	<i>GW-12636-100802-DD-001</i>	<i>GW-12636-100802-DD-002</i>
<i>Sample Date:</i>	<i>12/7/2011</i>	<i>4/1/1997</i>	<i>10/8/2002</i>	<i>10/8/2002</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:	MW-16-10	PFW-1	PFW-1	PFW-1
Sample ID:	GW-12636-120711-JY-416	PFW-1	GW-12636-100802-DD-001	GW-12636-100802-DD-002
Sample Date:	12/7/2011	4/1/1997	10/8/2002	10/8/2002
Parameters:	Units			
Metals				
Aluminum	mg/L	0.028 J	-	-
Aluminum (dissolved)	mg/L	-	-	-
Antimony	mg/L	0.002 U	-	-
Antimony (dissolved)	mg/L	-	-	-
Arsenic	mg/L	0.0099	0.04 ^{ou}	-
Arsenic (dissolved)	mg/L	-	-	-
Barium	mg/L	0.31	0.55	-
Barium (dissolved)	mg/L	-	-	-
Beryllium	mg/L	0.001 U	-	-
Beryllium (dissolved)	mg/L	-	-	-
Cadmium	mg/L	0.001 U	0.0005 U	-
Cadmium (dissolved)	mg/L	-	-	-
Chromium	mg/L	0.005 U	0.05 U	-
Chromium (dissolved)	mg/L	-	-	-
Cobalt	mg/L	0.007 U	-	-
Cobalt (dissolved)	mg/L	-	-	-
Copper	mg/L	0.002 U	0.025 U	-
Copper (dissolved)	mg/L	-	-	-
Iron	mg/L	1.8 ^{ou}	-	-
Iron (dissolved)	mg/L	-	-	-
Lead	mg/L	0.003 U	0.003 U	-
Lead (dissolved)	mg/L	-	-	0.003 U
Manganese	mg/L	0.13 ^{ou}	-	-
Manganese (dissolved)	mg/L	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	-
Mercury (dissolved)	mg/L	-	-	-
Molybdenum	mg/L	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-
Nickel	mg/L	0.02 U	-	-
Nickel (dissolved)	mg/L	-	-	-
Selenium	mg/L	0.005 U	0.005 U	-
Selenium (dissolved)	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>MW-16-10</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>		<i>GW-12636-120711-JY-416</i>	<i>PFW-1</i>	<i>GW-12636-100802-DD-001</i>	<i>GW-12636-100802-DD-002</i>
<i>Sample Date:</i>		<i>12/7/2011</i>	<i>4/1/1997</i>	<i>10/8/2002</i>	<i>10/8/2002</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0005 U	-	-
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	-	-	-
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	0.004 U	-	-	-
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	0.02 U	0.02 U	-	-
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	-	-	-
Cyanide (total)	mg/L	0.0050 U	-	-	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>	<i>GW-12636-100902-DD-003</i>	<i>GW-12636-120210-BW-006</i>	<i>GW-12636-051311-SSH-116</i>	<i>GW-12636-091311-JY-010</i>
<i>Sample Date:</i>	<i>10/9/2002</i>	<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>			
<i>Volatile Organic Compounds</i>				
1,1,1,2-Tetrachloroethane	mg/L	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.005 U	0.005 UJ
1,2,4-Trimethylbenzene	mg/L	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	-	-
2-Hexanone	mg/L	0.01 U	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.05 U	0.05 U
Acetone	mg/L	0.01 U	0.025 U	0.025 U
Acrylonitrile	mg/L	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.001 U	0.005 U	0.005 UJ

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>		<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample Date:</i>		<i>GW-12636-100902-DD-003</i>	<i>GW-12636-120210-BW-006</i>	<i>GW-12636-051311-SSH-116</i>	<i>GW-12636-091311-JY-010</i>
		<i>10/9/2002</i>	<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.002 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.002 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.0005 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	0.005 U	0.005 U	0.001 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Methylene chloride	mg/L	0.001 U	0.005 U	0.005 UJ	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>		<i>GW-12636-100902-DD-003</i>	<i>GW-12636-120210-BW-006</i>	<i>GW-12636-051311-SSH-116</i>	<i>GW-12636-091311-JY-010</i>
<i>Sample Date:</i>		<i>10/9/2002</i>	<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.0005 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.001 U	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>	<i>GW-12636-100902-DD-003</i>	<i>GW-12636-120210-BW-006</i>	<i>GW-12636-051311-SSH-116</i>	<i>GW-12636-091311-JY-010</i>
<i>Sample Date:</i>	<i>10/9/2002</i>	<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>		<i>GW-12636-100902-DD-003</i>	<i>GW-12636-120210-BW-006</i>	<i>GW-12636-051311-SSH-116</i>	<i>GW-12636-091311-JY-010</i>
<i>Sample Date:</i>		<i>10/9/2002</i>	<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	-	0.2 U	0.2 U	0.05 U
Aluminum (dissolved)	mg/L	-	-	-	0.05 U
Antimony	mg/L	-	0.00029 J	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	-	0.002 U
Arsenic	mg/L	-	0.489 ^{bu}	0.0596 ^{bu}	0.062 ^{bu}
Arsenic (dissolved)	mg/L	-	-	-	0.044 ^{bu}
Barium	mg/L	-	0.201	0.154	0.14
Barium (dissolved)	mg/L	-	-	-	0.13
Beryllium	mg/L	-	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	0.001 U
Cadmium	mg/L	-	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	0.001 U
Chromium	mg/L	-	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-	-	0.005 U
Cobalt	mg/L	-	0.007 U	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	-	-	-	0.007 U
Copper	mg/L	-	0.002 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	-	-	-	0.002 U
Iron	mg/L	-	17 ^{bu}	1.83 ^{bu}	2 ^{bu}
Iron (dissolved)	mg/L	-	-	-	1.4 ^{bu}
Lead	mg/L	-	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	-	-	0.003 U
Manganese	mg/L	-	0.06 ^{bu}	0.0334	0.026 J
Manganese (dissolved)	mg/L	-	-	-	0.025
Mercury	mg/L	-	0.0002 UJ	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	0.0002 U
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	0.02 U	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-	-	0.02 U
Selenium	mg/L	-	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>	<i>PFW-1</i>
<i>Sample ID:</i>		<i>GW-12636-100902-DD-003</i>	<i>GW-12636-120210-BW-006</i>	<i>GW-12636-051311-SSH-116</i>	<i>GW-12636-091311-JY-010</i>
<i>Sample Date:</i>		<i>10/9/2002</i>	<i>12/2/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	0.0002 U
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	-	0.001 U	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	-	0.001 U
Vanadium	mg/L	-	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	0.004 U
Zinc	mg/L	-	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	-	-	-	0.02 U
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	-	0.010 U	0.010 U	0.0050 U
Cyanide (total)	mg/L	-	-	-	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-402</i>	<i>PFW-2</i>	<i>PFW-2D</i>	<i>GW-12636-120310-BW-012</i>	<i>GW-12636-120310-BW-013</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>4/1/1997</i>	<i>4/1/1997</i>	<i>12/3/2010</i>	<i>12/3/2010</i>
				<i>(Duplicate)</i>		<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	-	-	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	-	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	-	-	0.001 UJ	0.001 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	-	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	-	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	-	-	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	0.01 U	0.01 U	-	-
2-Hexanone	mg/L	0.01 U	-	-	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	-	-	0.05 U	0.05 U
Acetone	mg/L	0.01 U	-	-	0.025 U	0.025 U
Acrylonitrile	mg/L	-	-	-	-	-
Benzene	mg/L	0.001 U	0.005 U	0.005 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ	0.001 UJ
Carbon disulfide	mg/L	0.005 U	-	-	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-402</i>	<i>PFW-2</i>	<i>PFW-2D</i>	<i>GW-12636-120310-BW-012</i>	<i>GW-12636-120310-BW-013</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>4/1/1997</i>	<i>4/1/1997</i>	<i>12/3/2010</i>	<i>12/3/2010</i>
				<i>(Duplicate)</i>		<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>					
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	-	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-	-
Ethyl ether	mg/L	-	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-	-
Iodomethane	mg/L	-	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	-	-	0.005 U	0.005 U
m&p-Xylenes	mg/L	-	0.003 U	0.003 U	-	-
Methyl acetate	mg/L	0.01 U	-	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	-	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	-	-	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-	-
o-Xylene	mg/L	-	0.003 U	0.003 U	-	-
Styrene	mg/L	0.001 U	-	-	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-402</i>	<i>PFW-2</i>	<i>PFW-2D</i>	<i>GW-12636-120310-BW-012</i>	<i>GW-12636-120310-BW-013</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>4/1/1997</i>	<i>4/1/1997</i>	<i>12/3/2010</i>	<i>12/3/2010</i>
				<i>(Duplicate)</i>		<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>					
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	-	-	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	-	-	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>						
1,2,4-Trichlorobenzene	mg/L	-	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-402</i>	<i>PFW-2</i>	<i>PFW-2D</i>	<i>GW-12636-120310-BW-012</i>	<i>GW-12636-120310-BW-013</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>4/1/1997</i>	<i>4/1/1997</i>	<i>12/3/2010</i>	<i>12/3/2010</i>
				<i>(Duplicate)</i>		<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>					
Acenaphthene	mg/L	-	0.005 U	-	-	-
Acenaphthylene	mg/L	-	0.005 U	-	-	-
Anthracene	mg/L	-	0.005 U	-	-	-
Benzo(a)anthracene	mg/L	-	0.005 U	-	-	-
Benzo(a)pyrene	mg/L	-	0.005 U	-	-	-
Benzo(b)fluoranthene	mg/L	-	0.005 U	-	-	-
Benzo(g,h,i)perylene	mg/L	-	0.005 U	-	-	-
Benzo(k)fluoranthene	mg/L	-	0.005 U	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-	-	-
Carbazole	mg/L	-	-	-	-	-
Chrysene	mg/L	-	0.005 U	-	-	-
Dibenz(a,h)anthracene	mg/L	-	0.005 U	-	-	-
Dibenzofuran	mg/L	-	-	-	-	-
Diethyl phthalate	mg/L	-	-	-	-	-
Dimethyl phthalate	mg/L	-	-	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-	-	-
Fluoranthene	mg/L	-	0.005 U	-	-	-
Fluorene	mg/L	-	0.005 U	-	-	-
Hexachlorobenzene	mg/L	-	-	-	-	-
Hexachlorobutadiene	mg/L	-	-	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-	-	-
Hexachloroethane	mg/L	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	0.005 U	-	-	-
Isophorone	mg/L	-	-	-	-	-
Naphthalene	mg/L	-	0.005 U	-	-	-
Nitrobenzene	mg/L	-	-	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-	-	-
Pentachlorophenol	mg/L	-	-	-	-	-
Phenanthrene	mg/L	-	0.005 U	-	-	-
Phenol	mg/L	-	-	-	-	-
Pyrene	mg/L	-	0.005 U	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-402</i>	<i>PFW-2</i>	<i>PFW-2D</i>	<i>GW-12636-120310-BW-012</i>	<i>GW-12636-120310-BW-013</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>4/1/1997</i>	<i>4/1/1997</i>	<i>12/3/2010</i>	<i>12/3/2010</i>
				<i>(Duplicate)</i>		<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>					
<i>Metals</i>						
Aluminum	mg/L	0.022 J	-	-	0.2 U	0.2 U
Aluminum (dissolved)	mg/L	0.05 U	-	-	-	-
Antimony	mg/L	0.00014 J	-	-	0.002 U	0.002 U
Antimony (dissolved)	mg/L	0.002 U	-	-	-	-
Arsenic	mg/L	0.079 ^{bu}	0.005 U	0.005 U	0.0032 J	0.005 U
Arsenic (dissolved)	mg/L	0.033 ^{bu}	-	-	-	-
Barium	mg/L	0.15	0.61	0.61	0.0585 J	0.0574 J
Barium (dissolved)	mg/L	0.14	-	-	-	-
Beryllium	mg/L	0.001 U	-	-	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	0.001 U	-	-	-	-
Cadmium	mg/L	0.001 U	0.0005 U	0.0005 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	0.001 U	-	-	-	-
Chromium	mg/L	0.005 U	0.05 U	0.05 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	0.005 U	-	-	-	-
Cobalt	mg/L	0.007 U	-	-	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	0.007 U	-	-	-	-
Copper	mg/L	0.002 U	0.025 U	0.025 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	0.002 U	-	-	-	-
Iron	mg/L	2.7 ^{bu}	-	-	0.701 ^{bu}	0.684 ^{bu}
Iron (dissolved)	mg/L	1.1 ^{bu}	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	-	-	-	-
Manganese	mg/L	0.036	-	-	0.963 ^{bu}	0.91 ^{bu}
Manganese (dissolved)	mg/L	0.031	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 UJ	0.0002 UJ
Mercury (dissolved)	mg/L	0.0002 U	-	-	-	-
Molybdenum	mg/L	-	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-	-
Nickel	mg/L	0.02 U	-	-	0.02 U	0.02 U
Nickel (dissolved)	mg/L	0.02 U	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	0.005 U	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-1</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>
<i>Sample ID:</i>		<i>GW-12636-120511-JY-402</i>	<i>PFW-2</i>	<i>PFW-2D</i>	<i>GW-12636-120310-BW-012</i>	<i>GW-12636-120310-BW-013</i>
<i>Sample Date:</i>		<i>12/5/2011</i>	<i>4/1/1997</i>	<i>4/1/1997</i>	<i>12/3/2010</i>	<i>12/3/2010</i>
				<i>(Duplicate)</i>		<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>					
Silver	mg/L	0.0001 J	0.0005 U	0.0005 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	0.0002 U	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-	-
Thallium	mg/L	0.001 U	-	-	0.001 U	0.001 U
Thallium (dissolved)	mg/L	0.001 U	-	-	-	-
Vanadium	mg/L	0.004 U	-	-	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	0.004 U	-	-	-	-
Zinc	mg/L	0.0071 J	0.02 U	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	0.02 U	-	-	-	-
<i>Pesticides</i>						
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-	-
Total PCBs	mg/L	-	-	-	-	-
<i>General Chemistry</i>						
Conductance, specific	umhos/cm	-	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	-	-	0.010 U	0.010 U
Cyanide (total)	mg/L	0.0050 U	-	-	-	-
pH	s.u.	-	-	-	-	-
Temperature, field	Deg C	-	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-4</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-111</i>	<i>GW-12636-091211-JY-004</i>	<i>GW-12636-120611-JY-411</i>	<i>PFW-4</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>4/1/1997</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 UJ	0.001 U	0.001 U	-
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.01 U	0.01 U	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	0.01 U
2-Hexanone	mg/L	0.05 U	0.01 U	0.01 U	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.01 U	0.01 U	-
Acetone	mg/L	0.025 U	0.01 U	0.01 U	-
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 UJ	0.005 U	0.005 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-4</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-111</i>	<i>GW-12636-091211-JY-004</i>	<i>GW-12636-120611-JY-411</i>	<i>PFW-4</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>4/1/1997</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.001 U	0.001 U	-
m&p-Xylenes	mg/L	-	-	-	0.003 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	-
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	-
Methylene chloride	mg/L	0.005 UJ	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	0.003 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-4</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-111</i>	<i>GW-12636-091211-JY-004</i>	<i>GW-12636-120611-JY-411</i>	<i>PFW-4</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>4/1/1997</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	-
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-4</i>
<i>Sample ID:</i>	<i>GW-12636-051311-SSH-111</i>	<i>GW-12636-091211-JY-004</i>	<i>GW-12636-120611-JY-411</i>	<i>PFW-4</i>
<i>Sample Date:</i>	<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>4/1/1997</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-4</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-111</i>	<i>GW-12636-091211-JY-004</i>	<i>GW-12636-120611-JY-411</i>	<i>PFW-4</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>4/1/1997</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	0.2 U	0.022 J	0.05 U	-
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	-
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	0.0473 J	0.056 J	0.046 J	1.6
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	-
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.0005 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.05 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	0.007 U	0.007 U	0.007 U	-
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	0.002 U	0.0003 J	0.002 U	0.025 U
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	0.541 ^{ua}	0.97 ^{ua}	0.36 ^{ua}	-
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	0.581 ^{ua}	1.4 ^{ua}	0.54 ^{ua}	-
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	-
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-2</i>	<i>PFW-4</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-111</i>	<i>GW-12636-091211-JY-004</i>	<i>GW-12636-120611-JY-411</i>	<i>PFW-4</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>4/1/1997</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0005 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.0023 U	0.00042 J	-
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	-
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.02
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.010 U	0.0050 U	0.0050 U	-
Cyanide (total)	mg/L	-	0.0050 U	0.0050 U	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-4</i>	<i>PFW-4</i>	<i>PFW-4</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>GW-12636-051111-SSH-102</i>	<i>GW-12636-051111-SSH-103</i>	<i>GW-12636-091211-JY-002</i>	<i>PFW-9</i>
<i>Sample Date:</i>		<i>5/11/2011</i>	<i>5/11/2011</i>	<i>9/12/2011</i>	<i>4/1/1997</i>
			<i>(Duplicate)</i>		
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 U	0.005 U	0.001 U	-
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.025 U	0.0025 J	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	0.01 U
2-Hexanone	mg/L	0.05 U	0.05 U	0.01 U	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.00087 J	0.0009 J	0.0013 J	-
Acetone	mg/L	0.025 U	0.025 U	0.012	-
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U	0.005 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-4</i>	<i>PFW-4</i>	<i>PFW-4</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>GW-12636-051111-SSH-102</i>	<i>GW-12636-051111-SSH-103</i>	<i>GW-12636-091211-JY-002</i>	<i>PFW-9</i>
<i>Sample Date:</i>		<i>5/11/2011</i>	<i>5/11/2011</i>	<i>9/12/2011</i>	<i>4/1/1997</i>
<i>Parameters:</i>	<i>Units</i>		<i>(Duplicate)</i>		
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.005 U	0.001 U	-
m&p-Xylenes	mg/L	-	-	-	0.003 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	-
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	-
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	0.003 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-4</i>	<i>PFW-4</i>	<i>PFW-4</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>GW-12636-051111-SSH-102</i>	<i>GW-12636-051111-SSH-103</i>	<i>GW-12636-091211-JY-002</i>	<i>PFW-9</i>
<i>Sample Date:</i>		<i>5/11/2011</i>	<i>5/11/2011</i>	<i>9/12/2011</i>	<i>4/1/1997</i>
			<i>(Duplicate)</i>		
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	-
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>				
<i>Sample ID:</i>				
<i>Sample Date:</i>				
	PFW-4	PFW-4	PFW-4	PFW-9
	GW-12636-051111-SSH-102	GW-12636-051111-SSH-103	GW-12636-091211-JY-002	PFW-9
	5/11/2011	5/11/2011	9/12/2011	4/1/1997
		(Duplicate)		
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

*Sample Location:**Sample ID:**Sample Date:**Parameters:**Units**Metals*

		PFW-4 GW-12636-051111-SSH-102 5/11/2011	PFW-4 GW-12636-051111-SSH-103 5/11/2011 (Duplicate)	PFW-4 GW-12636-091211-JY-002 9/12/2011	PFW-9 PFW-9 4/1/1997
Aluminum	mg/L	3.76 ^{ba}	3.87 ^{ba}	0.4 ^{ba}	-
Aluminum (dissolved)	mg/L	-	-	0.073 ^{ba}	-
Antimony	mg/L	0.0022	0.0021	0.002 U	-
Antimony (dissolved)	mg/L	-	-	0.002 U	-
Arsenic	mg/L	0.0034 J	0.0035 J	0.0044 J	0.005 U
Arsenic (dissolved)	mg/L	-	-	0.0034 J	-
Barium	mg/L	0.0318 J	0.0321 J	0.012 J	0.97
Barium (dissolved)	mg/L	-	-	0.0084 J	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	-
Beryllium (dissolved)	mg/L	-	-	0.001 U	-
Cadmium	mg/L	0.00066 J	0.001 U	0.001 U	0.0005 U
Cadmium (dissolved)	mg/L	-	-	0.001 U	-
Chromium	mg/L	0.0163 ^t	0.0164 ^t	0.005 U	0.05 U
Chromium (dissolved)	mg/L	-	-	0.005 U	-
Cobalt	mg/L	0.0022 J	0.0024 J	0.007 U	-
Cobalt (dissolved)	mg/L	-	-	0.007 U	-
Copper	mg/L	0.0267	0.0269	0.028	0.025 U
Copper (dissolved)	mg/L	-	-	0.0028	-
Iron	mg/L	5.62 ^{ba}	5.71 ^{ba}	0.66 ^{ba}	-
Iron (dissolved)	mg/L	-	-	0.1 U	-
Lead	mg/L	0.0356 ^{ba}	0.0358 ^{ba}	0.013 ^{ba}	0.009 ^{ba}
Lead (dissolved)	mg/L	-	-	0.003 U	-
Manganese	mg/L	0.0962 ^{ba}	0.0982 ^{ba}	0.031	-
Manganese (dissolved)	mg/L	-	-	0.017	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	0.0002 U	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.0085 J	0.0086 J	0.02 U	-
Nickel (dissolved)	mg/L	-	-	0.02 U	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	0.005 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		PFW-4	PFW-4	PFW-4	PFW-9
<i>Sample ID:</i>		GW-12636-051111-SSH-102	GW-12636-051111-SSH-103	GW-12636-091211-JY-002	PFW-9
<i>Sample Date:</i>		5/11/2011	5/11/2011 (Duplicate)	9/12/2011	4/1/1997
<i>Parameters:</i>		<i>Units</i>			
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0005 U
Silver (dissolved)	mg/L	-	-	0.0002 U	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.001 U	-
Thallium (dissolved)	mg/L	-	-	0.001 U	-
Vanadium	mg/L	0.0108 ^u	0.0111 ^u	0.0025 J	-
Vanadium (dissolved)	mg/L	-	-	0.0014 J	-
Zinc	mg/L	0.186	0.2	0.025	0.02 U
Zinc (dissolved)	mg/L	-	-	0.02 U	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.010 U	0.010 U	0.0050 U	-
Cyanide (total)	mg/L	-	-	0.0058 ^t	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>W-12636-060700-KMV-506</i>	<i>GW-12636-101702-DD-007</i>	<i>GW-12636-120210-BW-008</i>	<i>GW-12636-120210-BW-009</i>
<i>Sample Date:</i>		<i>6/7/2000</i>	<i>10/17/2002</i>	<i>12/2/2010</i>	<i>12/2/2010</i>
					<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	-	-	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	-	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	-	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	-	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	-	-	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	-	0.005 U	0.005 U
1,2,4-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	-	0.001 UJ	0.001 UJ
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	-	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	-	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	-	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	-	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	-	-	-
2-Hexanone	mg/L	-	-	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	-	0.05 U	0.05 U
Acetone	mg/L	-	-	0.025 U	0.025 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	-	-	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	-	-	0.001 U	0.001 U
Bromoform	mg/L	-	-	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	-	0.001 UJ	0.001 UJ
Carbon disulfide	mg/L	-	-	0.005 U	0.005 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>W-12636-060700-KMV-506</i>	<i>GW-12636-101702-DD-007</i>	<i>GW-12636-120210-BW-008</i>	<i>GW-12636-120210-BW-009</i>
<i>Sample Date:</i>		<i>6/7/2000</i>	<i>10/17/2002</i>	<i>12/2/2010</i>	<i>12/2/2010</i>
					<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	-	-	0.001 U	0.001 U
Chlorobenzene	mg/L	-	-	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	-	-	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	-	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	-	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	-	-	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.001 U
Cyclohexane	mg/L	-	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	-	-	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	-	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	-	-	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	-	-	0.005 U	0.005 U
m&p-Xylenes	mg/L	-	-	-	-
Methyl acetate	mg/L	-	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	-	0.005 U	0.005 U
Methylene chloride	mg/L	-	-	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	-
Styrene	mg/L	-	-	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	-	-	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	-	-	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		PFW-9	PFW-9	PFW-9	PFW-9
<i>Sample ID:</i>		W-12636-060700-KMV-506	GW-12636-101702-DD-007	GW-12636-120210-BW-008	GW-12636-120210-BW-009
<i>Sample Date:</i>		6/7/2000	10/17/2002	12/2/2010	12/2/2010 (Duplicate)
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	-	-	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	-	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	-	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	-	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	-	0.001 U	0.001 U
Vinyl chloride	mg/L	-	-	0.001 U	0.001 U
Xylenes (total)	mg/L	-	-	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>
<i>Sample ID:</i>	<i>W-12636-060700-KMV-506</i>	<i>GW-12636-101702-DD-007</i>	<i>GW-12636-120210-BW-008</i>	<i>GW-12636-120210-BW-009</i>
<i>Sample Date:</i>	<i>6/7/2000</i>	<i>10/17/2002</i>	<i>12/2/2010</i>	<i>12/2/2010</i>
				<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>W-12636-060700-KMV-506</i>	<i>GW-12636-101702-DD-007</i>	<i>GW-12636-120210-BW-008</i>	<i>GW-12636-120210-BW-009</i>
<i>Sample Date:</i>		<i>6/7/2000</i>	<i>10/17/2002</i>	<i>12/2/2010</i>	<i>12/2/2010</i> <i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	-	-	1.3 J ^{ba}	0.524 J ^{ba}
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	-	-	0.00036 J	0.00026 J
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	-	-	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	-	-	0.0367 J	0.0343 J
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	-	-	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	-	-	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	-	-	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	-	-	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	-	-	0.0075 J	0.0035 J
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	-	-	7.78 J ^{ba}	2.93 J ^{ba}
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	-	-	0.003 U	0.003 U
Lead (dissolved)	mg/L	0.003 U	0.003 U	-	-
Manganese	mg/L	-	-	0.0519 J ^{ba}	0.0208 J
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	-	-	0.0002 UJ	0.0002 UJ
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	-	0.0034 J	0.02 U
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	-	-	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>
<i>Sample ID:</i>		<i>W-12636-060700-KMV-506</i>	<i>GW-12636-101702-DD-007</i>	<i>GW-12636-120210-BW-008</i>	<i>GW-12636-120210-BW-009</i>
<i>Sample Date:</i>		<i>6/7/2000</i>	<i>10/17/2002</i>	<i>12/2/2010</i>	<i>12/2/2010</i>
					<i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	-	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	-	-	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	-	-	0.0015 J	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	-	-	0.0546 J	0.0218 UJ
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	-	-	0.010 U	0.010 U
Cyanide (total)	mg/L	-	-	-	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-10</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-112</i>	<i>GW-12636-091211-JY-006</i>	<i>GW-12636-120611-JY-410</i>	<i>PFW-10</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>3/31/1997</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.005 UJ	0.001 U	0.001 U	-
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	-
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	-
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.025 U	0.01 U	0.01 U	-
2-Chloroethyl vinyl ether	mg/L	-	-	-	0.01 U
2-Hexanone	mg/L	0.05 U	0.01 U	0.01 U	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.05 U	0.01 U	0.01 U	-
Acetone	mg/L	0.025 U	0.01 U	0.01 U	-
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.005 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 UJ	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 UJ	0.005 U	0.005 U	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-10</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-112</i>	<i>GW-12636-091211-JY-006</i>	<i>GW-12636-120611-JY-410</i>	<i>PFW-10</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>3/31/1997</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.005 U	0.001 U	0.001 U	-
m&p-Xylenes	mg/L	-	-	-	0.003 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	-
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	-
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U	0.005 U	-
Methylene chloride	mg/L	0.005 UJ	0.005 U	0.005 U	0.005 U
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	-	-	0.003 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	-
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-10</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-112</i>	<i>GW-12636-091211-JY-006</i>	<i>GW-12636-120611-JY-410</i>	<i>PFW-10</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>3/31/1997</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 UJ	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	-
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	-
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-10</i>
<i>Sample ID:</i>	<i>GW-12636-051311-SSH-112</i>	<i>GW-12636-091211-JY-006</i>	<i>GW-12636-120611-JY-410</i>	<i>PFW-10</i>
<i>Sample Date:</i>	<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>3/31/1997</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-10</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-112</i>	<i>GW-12636-091211-JY-006</i>	<i>GW-12636-120611-JY-410</i>	<i>PFW-10</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>3/31/1997</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	0.2 U	0.05 U	0.05 U	-
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	0.002 U	0.002 U	0.002 U	-
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	0.005 U	0.0033 J	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	0.0193 J	0.05 J	0.037 J	2.6 ^{ua}
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	0.001 U	0.001 U	0.001 U	-
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	0.001 U	0.001 U	0.001 U	0.0005 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	0.005 U	0.005 U	0.005 U	0.05 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	0.007 U	0.002 J	0.007 U	-
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	0.002 U	0.0004 J	0.002 U	0.025 U
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	0.232	2 ^{ua}	0.089 J	-
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.003 U	0.004
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	0.008 J	0.41 ^{ua}	0.015 U	-
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	0.02 U	0.02 U	-
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-9</i>	<i>PFW-10</i>
<i>Sample ID:</i>		<i>GW-12636-051311-SSH-112</i>	<i>GW-12636-091211-JY-006</i>	<i>GW-12636-120611-JY-410</i>	<i>PFW-10</i>
<i>Sample Date:</i>		<i>5/13/2011</i>	<i>9/12/2011</i>	<i>12/6/2011</i>	<i>3/31/1997</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0002 U	0.0002 U	0.0005 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	0.001 U	0.00054 J	-
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	0.004 U	0.004 U	0.004 U	-
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	0.02 U	0.02 U	0.02 U	0.05
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.010 U	0.0050 U	0.0050 U	-
Cyanide (total)	mg/L	-	0.0050 U	0.0050 U	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

Sample Location:	PFW-10	PFW-10	PFW-10	PFW-10
Sample ID:	GW-12636-101702-DD-006	GW-12636-120310-BW-018	GW-12636-051311-SSH-114	GW-12636-091311-JY-008
Sample Date:	10/17/2002	12/3/2010	5/13/2011	9/13/2011
Parameters:	Units			
Volatile Organic Compounds				
1,1,1,2-Tetrachloroethane	mg/L	-	-	-
1,1,1-Trichloroethane	mg/L	-	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	-	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	-	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	-	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	-	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-
1,2,4-Trichlorobenzene	mg/L	-	0.005 U	0.005 UJ
1,2,4-Trimethylbenzene	mg/L	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	-	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	-	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	-	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	-	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	-	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	-	-
2-Hexanone	mg/L	-	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	-	0.05 U	0.05 U
Acetone	mg/L	-	0.0092 J	0.025 U
Acrylonitrile	mg/L	-	-	-
Benzene	mg/L	-	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-
Bromodichloromethane	mg/L	-	0.001 U	0.001 U
Bromoform	mg/L	-	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	-	0.001 UJ	0.001 U
Carbon disulfide	mg/L	-	0.005 U	0.005 UJ

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>
<i>Sample ID:</i>	<i>GW-12636-101702-DD-006</i>	<i>GW-12636-120310-BW-018</i>	<i>GW-12636-051311-SSH-114</i>	<i>GW-12636-091311-JY-008</i>
<i>Sample Date:</i>	<i>10/17/2002</i>	<i>12/3/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Carbon tetrachloride	mg/L	-	0.001 U	0.001 U
Chlorobenzene	mg/L	-	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-
Chloroethane	mg/L	-	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	-	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	-	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	-	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U
Cyclohexane	mg/L	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-
Dibromochloromethane	mg/L	-	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	-	0.001 U	0.001 UJ
Diisopropyl ether	mg/L	-	-	-
Ethyl ether	mg/L	-	-	-
Ethylbenzene	mg/L	-	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-
Iodomethane	mg/L	-	-	-
Isopropyl benzene	mg/L	-	0.005 U	0.001 U
m&p-Xylenes	mg/L	-	-	-
Methyl acetate	mg/L	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	-	0.005 U	0.005 U
Methylene chloride	mg/L	-	0.005 U	0.005 UJ
Naphthalene	mg/L	-	-	-
N-Butylbenzene	mg/L	-	-	-
N-Propylbenzene	mg/L	-	-	-
o-Xylene	mg/L	-	-	-
Styrene	mg/L	-	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-
tert-Butyl alcohol	mg/L	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-
tert-Butylbenzene	mg/L	-	-	-
Tetrachloroethene	mg/L	-	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-
Toluene	mg/L	-	0.00062 J	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>					
<i>Sample ID:</i>		<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>
<i>Sample Date:</i>		<i>GW-12636-101702-DD-006</i>	<i>GW-12636-120310-BW-018</i>	<i>GW-12636-051311-SSH-114</i>	<i>GW-12636-091311-JY-008</i>
		<i>10/17/2002</i>	<i>12/3/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	-	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	-	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	-	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	-	0.001 U	0.001 UJ	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	-	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	-	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	-	0.002 U	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>
<i>Sample ID:</i>	<i>GW-12636-101702-DD-006</i>	<i>GW-12636-120310-BW-018</i>	<i>GW-12636-051311-SSH-114</i>	<i>GW-12636-091311-JY-008</i>
<i>Sample Date:</i>	<i>10/17/2002</i>	<i>12/3/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>
<i>Sample ID:</i>		<i>GW-12636-101702-DD-006</i>	<i>GW-12636-120310-BW-018</i>	<i>GW-12636-051311-SSH-114</i>	<i>GW-12636-091311-JY-008</i>
<i>Sample Date:</i>		<i>10/17/2002</i>	<i>12/3/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	-	0.2 U	0.2 U	0.05 U
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	-	0.002 U	0.002 U	0.002 U
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	-	0.005 U	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	-	0.0458 J	0.0465 J	0.045 J
Barium (dissolved)	mg/L	0.0565	-	-	-
Beryllium	mg/L	-	0.001 U	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	-	0.001 U	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	-	0.005 U	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	-	0.007 U	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	-	0.002 U	0.002 U	0.002 U
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	-	0.1 U	0.1 U	0.1 U
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	-	0.003 U	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	-	0.16 ^{ua}	0.0719 ^{ua}	0.047
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	-	0.0002 UJ	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	-	0.0036 J	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	-	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>	<i>PFW-10</i>
<i>Sample ID:</i>		<i>GW-12636-101702-DD-006</i>	<i>GW-12636-120310-BW-018</i>	<i>GW-12636-051311-SSH-114</i>	<i>GW-12636-091311-JY-008</i>
<i>Sample Date:</i>		<i>10/17/2002</i>	<i>12/3/2010</i>	<i>5/13/2011</i>	<i>9/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	-	0.0002 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	-	0.001 U	0.001 U	0.0015 U
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	-	0.004 U	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	-	0.02 U	0.02 U	0.02 U
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	-	0.010 U	0.010 U	0.0050 U
Cyanide (total)	mg/L	-	-	-	0.0050 U
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-11</i>	<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-120611-JY-407</i>	<i>PFW-11</i>	<i>GW-12636-120210-BW-010</i>	<i>GW-12636-051311-SSH-115</i>
<i>Sample Date:</i>		<i>12/6/2011</i>	<i>4/1/1997</i>	<i>12/2/2010</i>	<i>5/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1,2-Tetrachloroethane	mg/L	-	-	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-	-	-
1,2,3-Trichloropropane	mg/L	-	-	-	-
1,2,3-Trimethylbenzene	mg/L	-	-	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	-	0.005 U	0.005 UJ
1,2,4-Trimethylbenzene	mg/L	0.001 U	-	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	-	0.001 UJ	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	-	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	-	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	-	0.025 U	0.025 U
2-Chloroethyl vinyl ether	mg/L	-	0.01 U	-	-
2-Hexanone	mg/L	0.01 U	-	0.05 U	0.05 U
2-Methylnaphthalene	mg/L	-	-	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	-	0.05 U	0.05 U
Acetone	mg/L	0.01 U	-	0.025 U	0.025 U
Acrylonitrile	mg/L	-	-	-	-
Benzene	mg/L	0.001 U	0.005 U	0.001 U	0.001 U
Bromobenzene	mg/L	-	-	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 UJ	0.001 U
Carbon disulfide	mg/L	0.00015 J	-	0.005 U	0.005 UJ

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-11</i>	<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-120611-JY-407</i>	<i>PFW-11</i>	<i>GW-12636-120210-BW-010</i>	<i>GW-12636-051311-SSH-115</i>
<i>Sample Date:</i>		<i>12/6/2011</i>	<i>4/1/1997</i>	<i>12/2/2010</i>	<i>5/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-	-	-
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	-	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dibromomethane	mg/L	-	-	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Diisopropyl ether	mg/L	-	-	-	-
Ethyl ether	mg/L	-	-	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-	-	-
Iodomethane	mg/L	-	-	-	-
Isopropyl benzene	mg/L	0.001 U	-	0.005 U	0.005 U
m&p-Xylenes	mg/L	-	0.003 U	-	-
Methyl acetate	mg/L	0.01 U	-	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	-	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	-	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U	0.005 U	0.005 UJ
Naphthalene	mg/L	-	-	-	-
N-Butylbenzene	mg/L	-	-	-	-
N-Propylbenzene	mg/L	-	-	-	-
o-Xylene	mg/L	-	0.003 U	-	-
Styrene	mg/L	0.001 U	-	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-	-	-
tert-Butyl alcohol	mg/L	-	-	-	-
tert-Butyl ethyl ether	mg/L	-	-	-	-
tert-Butylbenzene	mg/L	-	-	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-	-	-
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-11</i>	<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-120611-JY-407</i>	<i>PFW-11</i>	<i>GW-12636-120210-BW-010</i>	<i>GW-12636-051311-SSH-115</i>
<i>Sample Date:</i>		<i>12/6/2011</i>	<i>4/1/1997</i>	<i>12/2/2010</i>	<i>5/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-	-	-
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 UJ
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	-	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	-	0.002 U	0.002 U
<i>Semi-volatile Organic Compounds</i>					
1,2,4-Trichlorobenzene	mg/L	-	-	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-	-	-
2,4,5-Trichlorophenol	mg/L	-	-	-	-
2,4,6-Trichlorophenol	mg/L	-	-	-	-
2,4-Dichlorophenol	mg/L	-	-	-	-
2,4-Dimethylphenol	mg/L	-	-	-	-
2,4-Dinitrophenol	mg/L	-	-	-	-
2,4-Dinitrotoluene	mg/L	-	-	-	-
2,6-Dinitrotoluene	mg/L	-	-	-	-
2-Chloronaphthalene	mg/L	-	-	-	-
2-Chlorophenol	mg/L	-	-	-	-
2-Methylnaphthalene	mg/L	-	-	-	-
2-Methylphenol	mg/L	-	-	-	-
2-Nitroaniline	mg/L	-	-	-	-
2-Nitrophenol	mg/L	-	-	-	-
3,3'-Dichlorobenzidine	mg/L	-	-	-	-
3-Nitroaniline	mg/L	-	-	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-	-	-
4-Bromophenyl phenyl ether	mg/L	-	-	-	-
4-Chloro-3-methylphenol	mg/L	-	-	-	-
4-Chloroaniline	mg/L	-	-	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-	-	-
4-Methylphenol	mg/L	-	-	-	-
4-Nitroaniline	mg/L	-	-	-	-
4-Nitrophenol	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>	<i>PFW-10</i>	<i>PFW-11</i>	<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>	<i>GW-12636-120611-JY-407</i>	<i>PFW-11</i>	<i>GW-12636-120210-BW-010</i>	<i>GW-12636-051311-SSH-115</i>
<i>Sample Date:</i>	<i>12/6/2011</i>	<i>4/1/1997</i>	<i>12/2/2010</i>	<i>5/13/2011</i>
<i>Parameters:</i>	<i>Units</i>			
Acenaphthene	mg/L	-	-	-
Acenaphthylene	mg/L	-	-	-
Anthracene	mg/L	-	-	-
Benzo(a)anthracene	mg/L	-	-	-
Benzo(a)pyrene	mg/L	-	-	-
Benzo(b)fluoranthene	mg/L	-	-	-
Benzo(g,h,i)perylene	mg/L	-	-	-
Benzo(k)fluoranthene	mg/L	-	-	-
bis(2-Chloroethoxy)methane	mg/L	-	-	-
bis(2-Chloroethyl)ether	mg/L	-	-	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-	-	-
Butyl benzylphthalate (BBP)	mg/L	-	-	-
Carbazole	mg/L	-	-	-
Chrysene	mg/L	-	-	-
Dibenz(a,h)anthracene	mg/L	-	-	-
Dibenzofuran	mg/L	-	-	-
Diethyl phthalate	mg/L	-	-	-
Dimethyl phthalate	mg/L	-	-	-
Di-n-butylphthalate (DBP)	mg/L	-	-	-
Di-n-octyl phthalate (DnOP)	mg/L	-	-	-
Fluoranthene	mg/L	-	-	-
Fluorene	mg/L	-	-	-
Hexachlorobenzene	mg/L	-	-	-
Hexachlorobutadiene	mg/L	-	-	-
Hexachlorocyclopentadiene	mg/L	-	-	-
Hexachloroethane	mg/L	-	-	-
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-
Isophorone	mg/L	-	-	-
Naphthalene	mg/L	-	-	-
Nitrobenzene	mg/L	-	-	-
N-Nitrosodi-n-propylamine	mg/L	-	-	-
N-Nitrosodiphenylamine	mg/L	-	-	-
Pentachlorophenol	mg/L	-	-	-
Phenanthrene	mg/L	-	-	-
Phenol	mg/L	-	-	-
Pyrene	mg/L	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-11</i>	<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-120611-JY-407</i>	<i>PFW-11</i>	<i>GW-12636-120210-BW-010</i>	<i>GW-12636-051311-SSH-115</i>
<i>Sample Date:</i>		<i>12/6/2011</i>	<i>4/1/1997</i>	<i>12/2/2010</i>	<i>5/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Metals</i>					
Aluminum	mg/L	0.05 U	-	1.57 ^{ba}	0.172 J ^{ba}
Aluminum (dissolved)	mg/L	-	-	-	-
Antimony	mg/L	0.00016 J	-	0.00046 J	0.002 U
Antimony (dissolved)	mg/L	-	-	-	-
Arsenic	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-	-	-
Barium	mg/L	0.046 J	1.1	0.0726 J	0.0793 J
Barium (dissolved)	mg/L	-	-	-	-
Beryllium	mg/L	0.001 U	-	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-	-	-
Cadmium	mg/L	0.001 U	0.0006	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-	-	-
Chromium	mg/L	0.005 U	0.05 U	0.0053	0.005 U
Chromium (dissolved)	mg/L	-	-	-	-
Cobalt	mg/L	0.007 U	-	0.0017 J	0.007 U
Cobalt (dissolved)	mg/L	-	-	-	-
Copper	mg/L	0.002 U	0.025 U	0.0135	0.0048
Copper (dissolved)	mg/L	-	-	-	-
Iron	mg/L	0.1 U	-	2.73 ^{ba}	0.202
Iron (dissolved)	mg/L	-	-	-	-
Lead	mg/L	0.003 U	0.003 U	0.0125 ^{ba}	0.003 U
Lead (dissolved)	mg/L	-	-	-	-
Manganese	mg/L	0.024	-	0.056 ^{ba}	0.0317
Manganese (dissolved)	mg/L	-	-	-	-
Mercury	mg/L	0.0002 U	0.0002 U	0.0002 UJ	0.0002 U
Mercury (dissolved)	mg/L	-	-	-	-
Molybdenum	mg/L	-	-	-	-
Molybdenum (dissolved)	mg/L	-	-	-	-
Nickel	mg/L	0.02 U	-	0.006 J	0.02 U
Nickel (dissolved)	mg/L	-	-	-	-
Selenium	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-10</i>	<i>PFW-11</i>	<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-120611-JY-407</i>	<i>PFW-11</i>	<i>GW-12636-120210-BW-010</i>	<i>GW-12636-051311-SSH-115</i>
<i>Sample Date:</i>		<i>12/6/2011</i>	<i>4/1/1997</i>	<i>12/2/2010</i>	<i>5/13/2011</i>
<i>Parameters:</i>	<i>Units</i>				
Silver	mg/L	0.0002 U	0.0005 U	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-	-	-
Sodium (dissolved)	mg/L	-	-	-	-
Thallium	mg/L	0.001 U	-	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-	-	-
Vanadium	mg/L	0.004 U	-	0.0032 J	0.004 U
Vanadium (dissolved)	mg/L	-	-	-	-
Zinc	mg/L	0.012 J	0.02 U	0.0563 J	0.02 U
Zinc (dissolved)	mg/L	-	-	-	-
<i>Pesticides</i>					
Aroclor-1016 (PCB-1016)	mg/L	-	-	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-	-	-
Total PCBs	mg/L	-	-	-	-
<i>General Chemistry</i>					
Conductance, specific	umhos/cm	-	-	-	-
Cyanide (amenable)	mg/L	0.0050 U	-	0.010 U	0.010 U
Cyanide (total)	mg/L	0.0050 U	-	-	-
pH	s.u.	-	-	-	-
Temperature, field	Deg C	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-
Total organic halides (TOX)	mg/L	-	-	-	-

**HISTORICAL RESULTS FOR THE 2010 2011 MONITORING WELL NETWORK
FORMER PEREGRINE (US) INC. COLDWATER ROAD FACILITY
GENESEE TOWNSHIP, MICHIGAN**

<i>Sample Location:</i>		<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-091311-JY-012</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>		
<i>Volatile Organic Compounds</i>			
1,1,1,2-Tetrachloroethane	mg/L	-	-
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U
1,2,3-Trichlorobenzene	mg/L	-	-
1,2,3-Trichloropropane	mg/L	-	-
1,2,3-Trimethylbenzene	mg/L	-	-
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U
1,2,4-Trimethylbenzene	mg/L	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U
1,3,5-Trimethylbenzene	mg/L	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U
2-Chloroethyl vinyl ether	mg/L	-	-
2-Hexanone	mg/L	0.01 U	0.01 U
2-Methylnaphthalene	mg/L	-	-
2-Phenylbutane (sec-Butylbenzene)	mg/L	-	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U
Acetone	mg/L	0.01 U	0.01 U
Acrylonitrile	mg/L	-	-
Benzene	mg/L	0.001 U	0.001 U
Bromobenzene	mg/L	-	-
Bromodichloromethane	mg/L	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U
Carbon disulfide	mg/L	0.005 U	0.005 U

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<i>Sample ID:</i>		<i>GW-12636-091311-JY-012</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>		
Carbon tetrachloride	mg/L	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U
Chlorobromomethane	mg/L	-	-
Chloroethane	mg/L	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U
Cymene (p-Isopropyltoluene)	mg/L	-	-
Dibromochloromethane	mg/L	0.001 U	0.001 U
Dibromomethane	mg/L	-	-
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 UJ	0.001 U
Diisopropyl ether	mg/L	-	-
Ethyl ether	mg/L	-	-
Ethylbenzene	mg/L	0.001 U	0.001 U
Hexachloroethane	mg/L	-	-
Iodomethane	mg/L	-	-
Isopropyl benzene	mg/L	0.001 U	0.001 U
m&p-Xylenes	mg/L	-	-
Methyl acetate	mg/L	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.005 U	0.005 U
Methylene chloride	mg/L	0.005 U	0.005 U
Naphthalene	mg/L	-	-
N-Butylbenzene	mg/L	-	-
N-Propylbenzene	mg/L	-	-
o-Xylene	mg/L	-	-
Styrene	mg/L	0.001 U	0.001 U
tert-Amyl methyl ether	mg/L	-	-
tert-Butyl alcohol	mg/L	-	-
tert-Butyl ethyl ether	mg/L	-	-
tert-Butylbenzene	mg/L	-	-
Tetrachloroethene	mg/L	0.001 U	0.001 U
Tetrahydrofuran	mg/L	-	-
Toluene	mg/L	0.001 U	0.001 U

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<i>Sample Location:</i>		<i>PFW-11</i>	<i>PFW-11</i>
<i>Sample ID:</i>		<i>GW-12636-091311-JY-012</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>12/6/2011</i>
 <i>Parameters:</i>	 <i>Units</i>		
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U
trans-1,4-Dichloro-2-butene	mg/L	-	-
Trichloroethene	mg/L	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U

Semi-volatile Organic Compounds

1,2,4-Trichlorobenzene	mg/L	-	-
2,2'-Oxybis(1-chloropropane) (bis(2-Chloroisopropyl) ether)	mg/L	-	-
2,4,5-Trichlorophenol	mg/L	-	-
2,4,6-Trichlorophenol	mg/L	-	-
2,4-Dichlorophenol	mg/L	-	-
2,4-Dimethylphenol	mg/L	-	-
2,4-Dinitrophenol	mg/L	-	-
2,4-Dinitrotoluene	mg/L	-	-
2,6-Dinitrotoluene	mg/L	-	-
2-Chloronaphthalene	mg/L	-	-
2-Chlorophenol	mg/L	-	-
2-Methylnaphthalene	mg/L	-	-
2-Methylphenol	mg/L	-	-
2-Nitroaniline	mg/L	-	-
2-Nitrophenol	mg/L	-	-
3,3'-Dichlorobenzidine	mg/L	-	-
3-Nitroaniline	mg/L	-	-
4,6-Dinitro-2-methylphenol	mg/L	-	-
4-Bromophenyl phenyl ether	mg/L	-	-
4-Chloro-3-methylphenol	mg/L	-	-
4-Chloroaniline	mg/L	-	-
4-Chlorophenyl phenyl ether	mg/L	-	-
4-Methylphenol	mg/L	-	-
4-Nitroaniline	mg/L	-	-
4-Nitrophenol	mg/L	-	-

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<i>Sample Date:</i>	<i>9/13/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>	
Acenaphthene	mg/L	-
Acenaphthylene	mg/L	-
Anthracene	mg/L	-
Benzo(a)anthracene	mg/L	-
Benzo(a)pyrene	mg/L	-
Benzo(b)fluoranthene	mg/L	-
Benzo(g,h,i)perylene	mg/L	-
Benzo(k)fluoranthene	mg/L	-
bis(2-Chloroethoxy)methane	mg/L	-
bis(2-Chloroethyl)ether	mg/L	-
bis(2-Ethylhexyl)phthalate (DEHP)	mg/L	-
Butyl benzylphthalate (BBP)	mg/L	-
Carbazole	mg/L	-
Chrysene	mg/L	-
Dibenz(a,h)anthracene	mg/L	-
Dibenzofuran	mg/L	-
Diethyl phthalate	mg/L	-
Dimethyl phthalate	mg/L	-
Di-n-butylphthalate (DBP)	mg/L	-
Di-n-octyl phthalate (DnOP)	mg/L	-
Fluoranthene	mg/L	-
Fluorene	mg/L	-
Hexachlorobenzene	mg/L	-
Hexachlorobutadiene	mg/L	-
Hexachlorocyclopentadiene	mg/L	-
Hexachloroethane	mg/L	-
Indeno(1,2,3-cd)pyrene	mg/L	-
Isophorone	mg/L	-
Naphthalene	mg/L	-
Nitrobenzene	mg/L	-
N-Nitrosodi-n-propylamine	mg/L	-
N-Nitrosodiphenylamine	mg/L	-
Pentachlorophenol	mg/L	-
Phenanthrene	mg/L	-
Phenol	mg/L	-
Pyrene	mg/L	-

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<i>Sample ID:</i>		<i>GW-12636-091311-JY-012</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>	<i>Units</i>		
<i>Metals</i>			
Aluminum	mg/L	0.031 J	0.077 ^{ua}
Aluminum (dissolved)	mg/L	-	-
Antimony	mg/L	0.002 U	0.00027 J
Antimony (dissolved)	mg/L	-	-
Arsenic	mg/L	0.005 U	0.005 U
Arsenic (dissolved)	mg/L	-	-
Barium	mg/L	0.069 J	0.073 J
Barium (dissolved)	mg/L	-	-
Beryllium	mg/L	0.001 U	0.001 U
Beryllium (dissolved)	mg/L	-	-
Cadmium	mg/L	0.001 U	0.001 U
Cadmium (dissolved)	mg/L	-	-
Chromium	mg/L	0.005 U	0.005 U
Chromium (dissolved)	mg/L	-	-
Cobalt	mg/L	0.007 U	0.007 U
Cobalt (dissolved)	mg/L	-	-
Copper	mg/L	0.002 U	0.0044
Copper (dissolved)	mg/L	-	-
Iron	mg/L	0.1 U	0.096 J
Iron (dissolved)	mg/L	-	-
Lead	mg/L	0.003 U	0.003 U
Lead (dissolved)	mg/L	-	-
Manganese	mg/L	0.055 J ^{ua}	0.012 J
Manganese (dissolved)	mg/L	-	-
Mercury	mg/L	0.0002 U	0.0002 U
Mercury (dissolved)	mg/L	-	-
Molybdenum	mg/L	-	-
Molybdenum (dissolved)	mg/L	-	-
Nickel	mg/L	0.02 U	0.02 U
Nickel (dissolved)	mg/L	-	-
Selenium	mg/L	0.005 U	0.005 U
Selenium (dissolved)	mg/L	-	-

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<i>Sample ID:</i>		<i>GW-12636-091311-JY-012</i>	<i>GW-12636-120611-JY-408</i>
<i>Sample Date:</i>		<i>9/13/2011</i>	<i>12/6/2011</i>
<i>Parameters:</i>		<i>Units</i>	
Silver	mg/L	0.0002 U	0.0002 U
Silver (dissolved)	mg/L	-	-
Sodium (dissolved)	mg/L	-	-
Thallium	mg/L	0.001 U	0.001 U
Thallium (dissolved)	mg/L	-	-
Vanadium	mg/L	0.004 U	0.004 U
Vanadium (dissolved)	mg/L	-	-
Zinc	mg/L	0.02 U	0.022
Zinc (dissolved)	mg/L	-	-
<i>Pesticides</i>			
Aroclor-1016 (PCB-1016)	mg/L	-	-
Aroclor-1221 (PCB-1221)	mg/L	-	-
Aroclor-1232 (PCB-1232)	mg/L	-	-
Aroclor-1242 (PCB-1242)	mg/L	-	-
Aroclor-1248 (PCB-1248)	mg/L	-	-
Aroclor-1254 (PCB-1254)	mg/L	-	-
Aroclor-1260 (PCB-1260)	mg/L	-	-
Total PCBs	mg/L	-	-
<i>General Chemistry</i>			
Conductance, specific	umhos/cm	-	-
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U
Cyanide (total)	mg/L	0.0050 U	0.0050 U
pH	s.u.	-	-
Temperature, field	Deg C	-	-
Total organic carbon (TOC)	mg/L	-	-
Total organic halides (TOX)	mg/L	-	-

Notes:

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

- - Not analyzed.

Criteria:

a - Groundwater Contact Criteria (2011) (GCC[A])

b - Non-Residential Drinking Water Criteria (2011) (NRDWC[B])

c - Non-Residential Groundwater Volatilization to Indoor Air Inhalation Criteria (2011) (NRGVIAIC[C])

d - Residential Drinking Water Criteria (2011) (RDWC[D])

e - Residential Groundwater Volatilization to Indoor Air Inhalation Criteria (2011) (RGVIAIC[E])

f - Groundwater Surface Water Interface (2011) (GSI[F])