

LIST OF FIGURES

- 1 Site Location Map
- 2 NJDEP GIS Land Use/Land Cover Map
- 3 NJDEP GIS Landscape Project Map
- 4 Regional Topographic Map
- 5 Site Plan with IA locations and Surface Water Bodies
- 6 NJDEP GIS and National Wetlands Maps
- 7 Regional Surficial Geology Map
- 8 Regional Bedrock Geology Map
- 9 Monitoring Well Location Map
- 10 Orientation of Bedrock Structures
- 11 Composite Histogram showing Fracture Frequency relative to Elevation
- 12 Potentiometric Map - Zone S1 (September 16, 2013)
- 13 Potentiometric Map - Zone S2 (September 16, 2013)
- 14 Potentiometric Map - Zone S3 (September 16, 2013)
- 15 Vertical Ground Water Flow - Geologic Cross-Section A-A'
- 16 Vertical Ground Water Flow - Geologic Cross-Section B-B'
- 17 Vertical Ground Water Flow - Geologic Cross-Section C-C'
- 18 Vertical Ground Water Flow - Geologic Cross-Sections D-D' and E-E'
- 19 Vertical Ground Water Flow - Geologic Cross-Section F-F'
- 20 Potentiometric Map - Zone D1 (September 16, 2013)
- 21 Potentiometric Map - Zone D2 (September 16, 2013)
- 22 Potentiometric Map - Zone D3 (September 16, 2013)
- 23 Zone S1 - VOCs in Ground Water >GWQS (September 2013 PDB Sampling Event)
- 24 Zone S2 - VOCs in Ground Water >GWQS (September 2013 PDB Sampling Event)
- 25 Zone S3 - VOCs in Ground Water >GWQS (September 2013 PDB Sampling Event)
- 26 Zone D1 - VOCs in Ground Water >GWQS (September 2013 PDB Sampling Event)
- 27 Zone D2 - VOCs in Ground Water >GWQS (September 2013 PDB Sampling Event)
- 28 Zone D3 - VOCs in Ground Water >GWQS (September 2013 PDB Sampling Event)
- 29 Zone D4 - VOCs in Ground Water >GWQS (September 2013 PDB Sampling Event)
- 30 Composite Map - All Hydrostratigraphic Zones: SVOCs and Pesticides in Ground Water > GWQS (September/October 2013 Low Flow Sampling Event)
- 31 Composite Map - Zone S1 to S3: 1,4-Dioxane in Ground Water > Interim GWQS (September/October 2013 Low Flow Sampling Event)
- 32 Composite Map - Zone D1 to D3: 1,4-Dioxane in Ground Water > Interim GWQS (September/October 2013 Low Flow Sampling Event)
- 33 Zone S1 - Metals in Ground Water > GWQS (September/October 2013 Low Flow Sampling Event)

LIST OF FIGURES (CONTINUED)

- 34 Zone S2 - Metals in Ground Water > GWQS (September/October 2013 Low Flow Sampling Event)
- 35 Zone S3 - Metals in Ground Water > GWQS (September/October 2013 Low Flow Sampling Event)
- 36 CVOC Distribution in Ground Water - Geologic Cross-Section A-A'
- 37 CVOC Distribution in Ground Water - Geologic Cross-Section B-B'
- 38 CVOC Distribution in Ground Water - Geologic Cross-Section C-C'
- 39 CVOC Distribution in Ground Water - Geologic Cross-Sections D-D' and E-E'
- 40 CVOC Distribution in Ground Water - Geologic Cross-Section F-F'
- 41 VOC Concentration Pie Charts Zone S1
- 42 VOC Concentration Pie Charts Zone S2
- 43 VOC Concentration Pie Charts Zone S3
- 44 VOC Concentration Pie Charts Zone D1
- 45 VOC Concentration Pie Charts Zone D2
- 46 VOC Concentration Pie Charts Zone D3

LIST OF TABLES

1	Sample Collection Summary – Ground Water and QA Samples
2	Summary of Hydrostratigraphic Zones
3	Well Construction Details
3-1	Site-Wide Well Construction Details
3-2	Remediation Well Construction Details
3-3	Monitoring Well Construction Details for Off-Site Wells Associated with Other Remedial Investigations
3-4	Surface Water Gauging Location Details
3-5	Temporary Well Borehole Sampling Summary
4	Ground Water Elevation Measurements – September 16, 2013 Synoptic Gauging Event
5	Ground Water Analytical Results
5-1	Ground Water Analytical Results Zone S1
5-2	Ground Water Analytical Results Zone S2
5-3	Ground Water Analytical Results Zone S3
5-4	Ground Water Analytical Results Zone D1
5-5	Ground Water Analytical Results Zone D2
5-6	Ground Water Analytical Results Zone D3
5-7	Ground Water Analytical Results Zone D4
5-8	Ground Water Analytical Results Field Blanks and Trip Blanks
5-9	Ground Water Analytical Results December 16, 2013
6	Summary of Calculated Vertical Hydraulic Gradients
7	Comprehensive Summary of Site Contaminants by IA and AOC

LIST OF APPENDICES

A	NJDEP comments on the Site-Wide Deep Bedrock RIWP and the Shallow Ground Water RIWP, and Responses to NJDEP comments
B	Well Boring logs
C	Quantum Surface Geophysical Survey Report
D	ARM Downhole Geophysical Report (and other support documentation)
E	Packer Testing - Hydraulic Yield Data
F	CH-16 Aquifer Pumping Test
G	Temporary Well Borehole Locations and Screening-level VOC Analytical Results
H	Monitoring Wells Documentation (well logs, construction details, Forms A and B)
I	Hydrographs Depicting Ground Water Elevations and Precipitation Over Time
J	Hydrographs for Comparisons between Wells and Surface Water Measurement Points
K	NJDEP Contour Map Reporting Forms
L	Ground Water Field Sampling Sheets
M	CDs: Laboratory Data Reports and Electronic Data Deliverables/Electronic Data Submission (EDD/EDS) and Data Usability Reports

LIST OF APPENDICES (CONTINUED)

N	Photo-documentation of Identified Structural Features and Geologic Cross-Sections Depicting Open Bedrock Fractures
O	LNAPL Forensic Report (Newfields)
P	W.L. Gore Passive Soil Gas Report
Q	Summary of IAs and Soil and Ground Water COCs by AOC
R	Ground Water Contaminant Distribution of Filtered/Unfiltered Al, Fe, Mn and Na in Zones S1, S2, and S3 (Figures R-1 through R-24)
S	PS&S Municipal Sewer Report
T	Updated Well Search Report
U	NJDEP Well Record Documentation
V	Ground Water Classification Exception Area (CEA) Supporting Documentation