Legend

- Borehole
- Geoprobe Groundwater
- Monitoring Well
- Piezometer
- Residential Well
- Waterloo Profile
- Abandoned Monitoring Well
- Historic Surface Water Location
- Transects
- Interpreted Parcel Boundaries
- Cross-Sections

Hydrogeological Investigation Locations

- Waterloo^APS Groundwater Profile Location
- Overburden Multi-Level System
- Bedrock Borehole
- Piezometers
- Discrete Groundwater Sampling Location

Notes:
1. Parcel boundaries interpretted from May 2012 Existing Site Plan (Drawing C-01) and the Town of North Smithfield (November 2013) and may not reflect on-the-ground accuracy.
2. Data displayed in NAD83 RI State Plane and NAVD88
3. Orthophotography from USGS, April 2014.
4. Overburden Multi-Level System identifier to correspond with A/B/C - deep / intermediate / shallow designation.
5. Piezometers at locations PZ-302 and PZ-303 are intended to gauge shallow groundwater elevations. Piezometers at locations PZ-6 and PZ-7 include a shallow (S) piezometer installed below the stream bed and a deep (D) piezometer two feet below the bottom of the shallow piezometer.
6. PVC liner represents approximate inferred aerial limits of PVC-capped "Hazardous Waste Area" from Figure 1-2 of 1988 OU 1 RI Report.

L&RR SUPERFUND SITE
NORTH SMITHFIELD, RHODE ISLAND

Site Plan

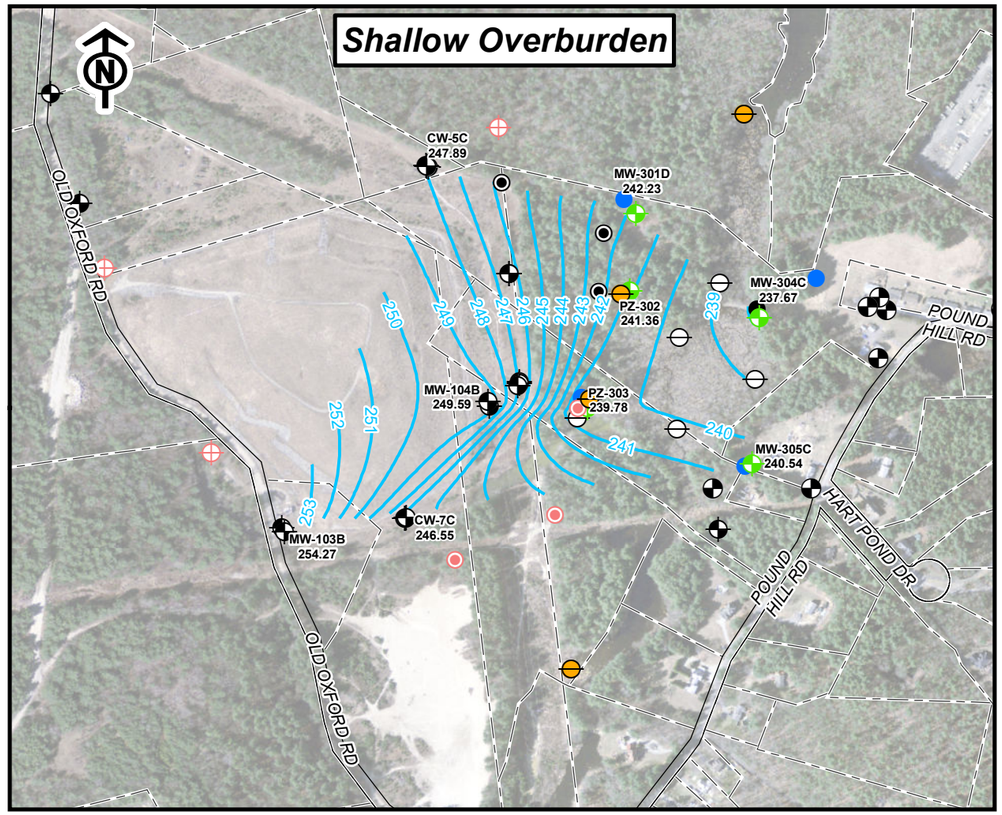
FIGURE 1a

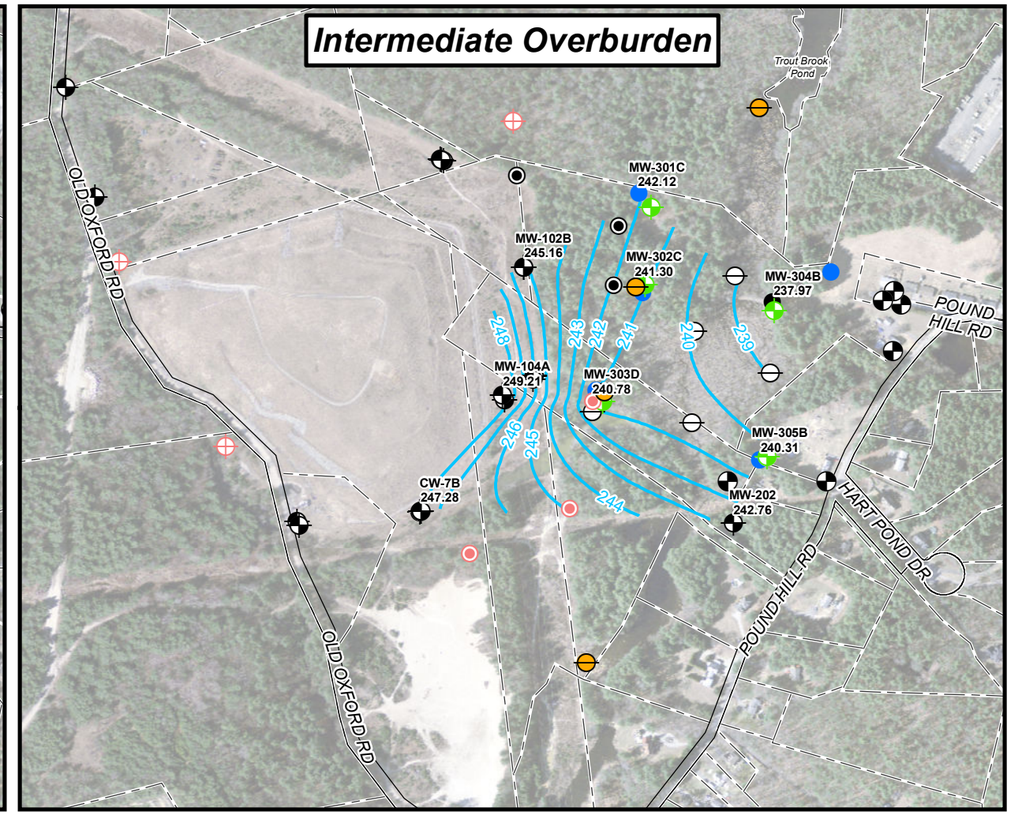
DRAFT

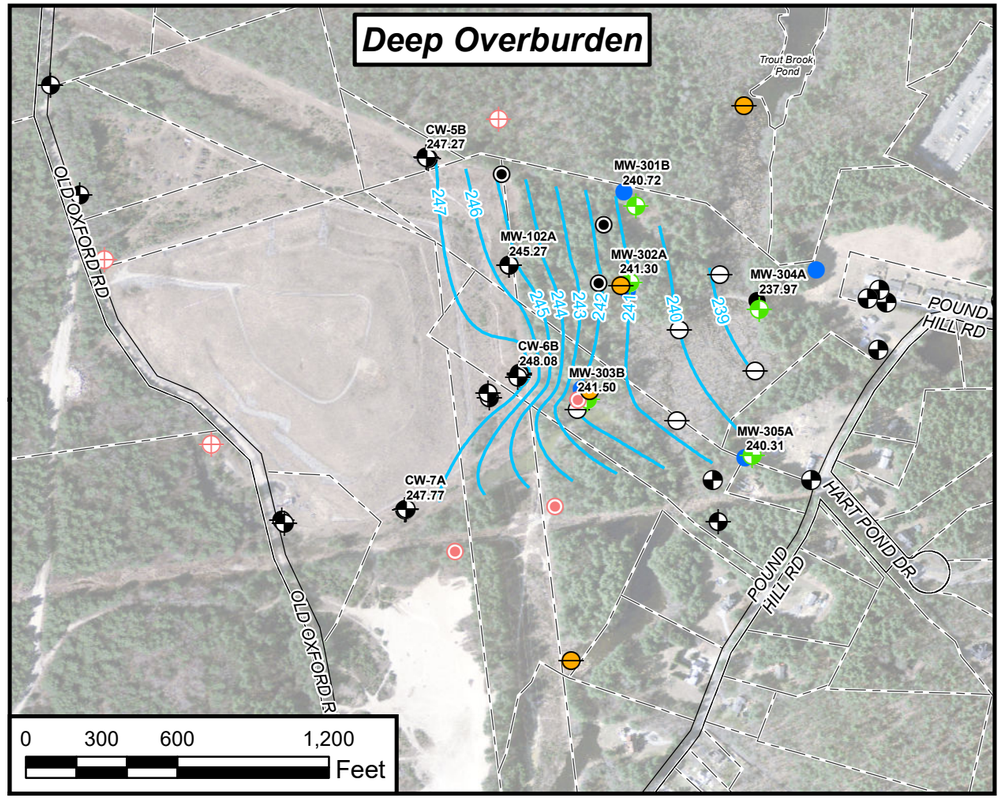
WOODARD & CURRAN

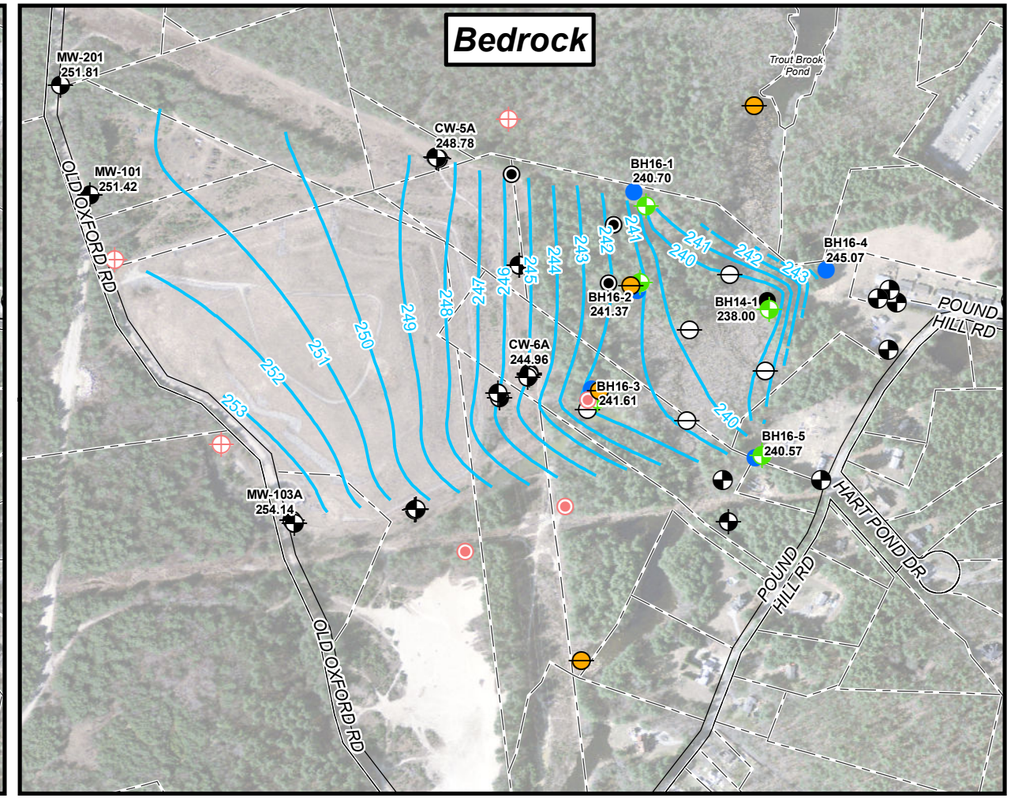
SCALE: 1 " = 300 '	Pre-ROD Data Submittal
DATE: **June** 2017	PROJECT #: 229620
DRAWN BY: SMO	DOC: Fig. 1a Site Plan.mxd

Figure Exported: 6/21/2017 By: solney Using: \\woodardcurran.net\share\Projects\229620\L&RR PRP Group - OU2 RIFS\wip\GIS\MXD\2017.06 Pre-ROD Data Submittal\Fig. 1a Site Plan.mxd









Legend

- Borehole
- Geoprobe Groundwater
- Monitoring Well
- Piezometer
- Residential Well
- Waterloo Profile
- Groundwater Elevation Contours (feet AMSL)
- Interpreted Parcel Boundaries

Hydrogeological Investigation Locations

- Waterloo[APS] Groundwater Profile Location
- Overburden Multi-Level System
- Bedrock Borehole
- Piezometers
- Discrete Groundwater Sampling Location

Notes:
1. Locations as shown are approximate and subject to change.
2. Parcel boundaries interpretted from May 2012 Existing Site Plan (Drawing C-01) and the Town of North Smithfield (November 2013) and may not reflect on-the-ground accuracy.
3. Data displayed in NAD83 RI State Plane and NAVD88
4. Orthophotography from USGS, April 2014.
5. Overburden Multi-Level System identifier to correspond with A/B/C - deep / intermediate / shallow designation.
6. Piezometers at locations PZ-302 and PZ-303 are intended to gauge shallow groundwater elevations. Piezometers at locations PZ-6 and PZ-7 include a shallow (S) piezometer installed below the stream bed and a deep (D) piezometer two feet below the bottom of the shallow piezometer.
7. Groundwater elevation contours presented in feet above mean sea level (ft AMSL) inferred using water level measurements obtained March 6, 2017.
8. Groundwater elevations at new monitoring locations calculated based on measuring point elevations surveyed April 5, 2017 by Diprete Engineering.
9. Bedrock contours utilize groundwater elevation data from open boreholes at BH16-2, BH4-1, and BH16-5. Multi-level systems had been installed at BH16-01, BH16-03, and BH16-04 at the time of water level measurements. For these locations, the groundwater elevation from the most productive zone was used for contour generation.
10. For each depth interval, groundwater elevations displayed (in ft AMSL) represent those utilized in contour generation.

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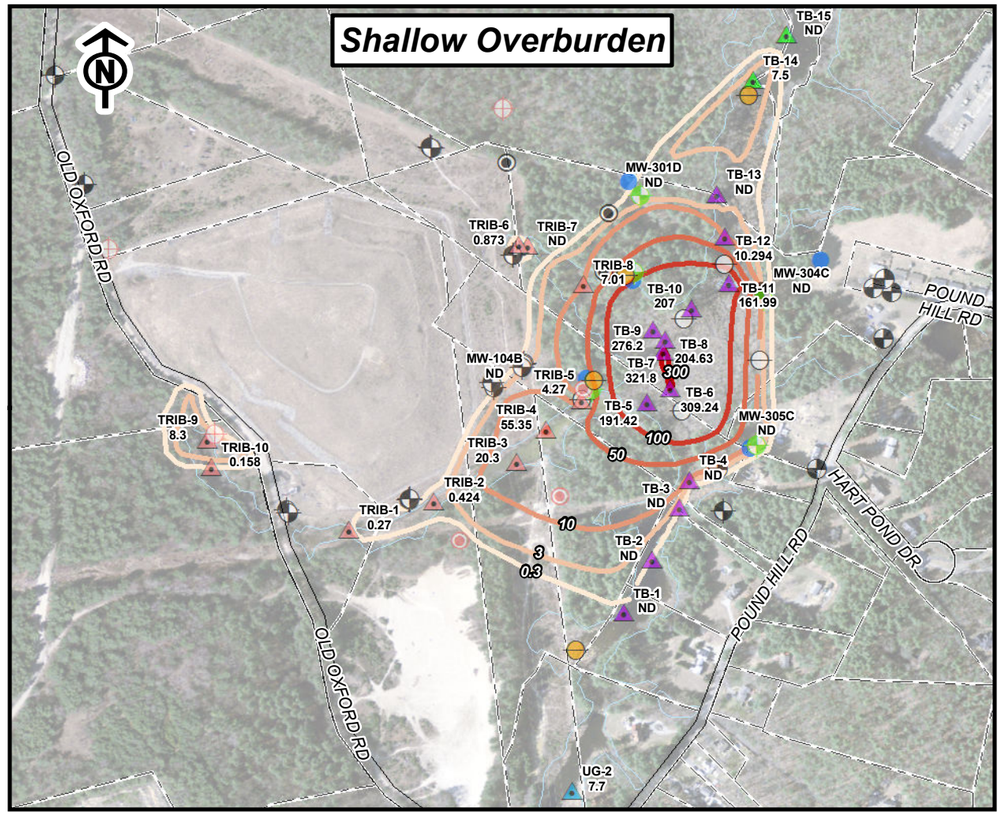
L&RR SUPERFUND SITE NORTH SMITHFIELD, RHODE ISLAND

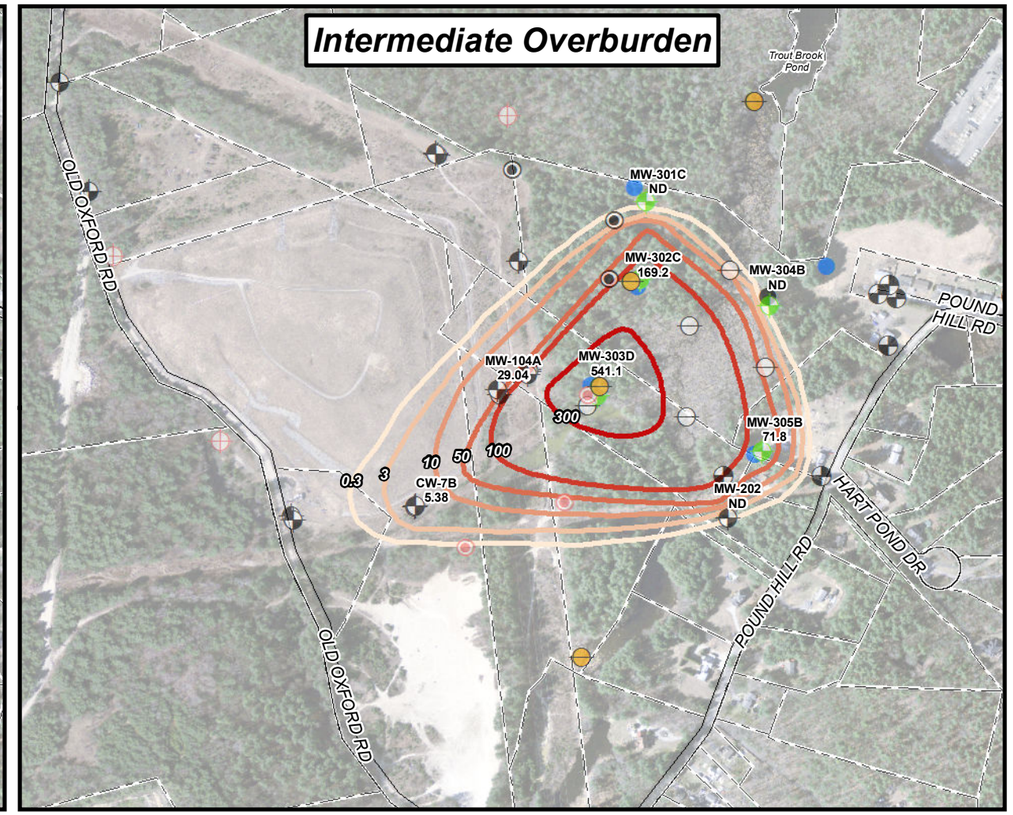
Groundwater Elevation Contours March 6, 2017

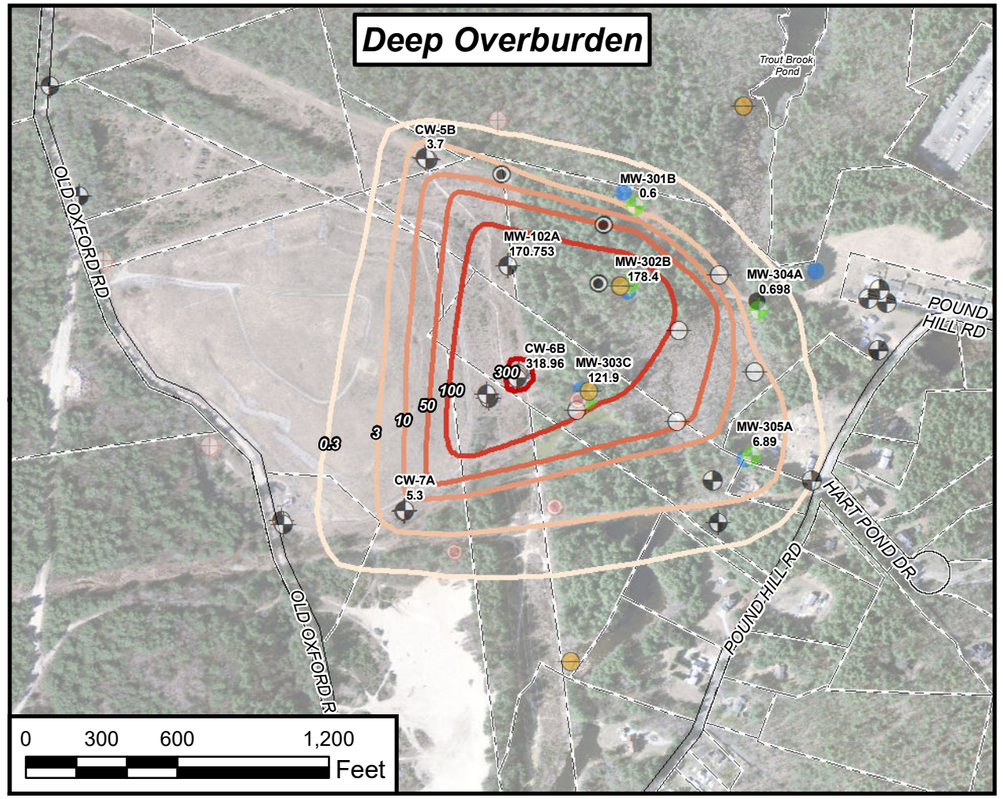
FIGURE 1b

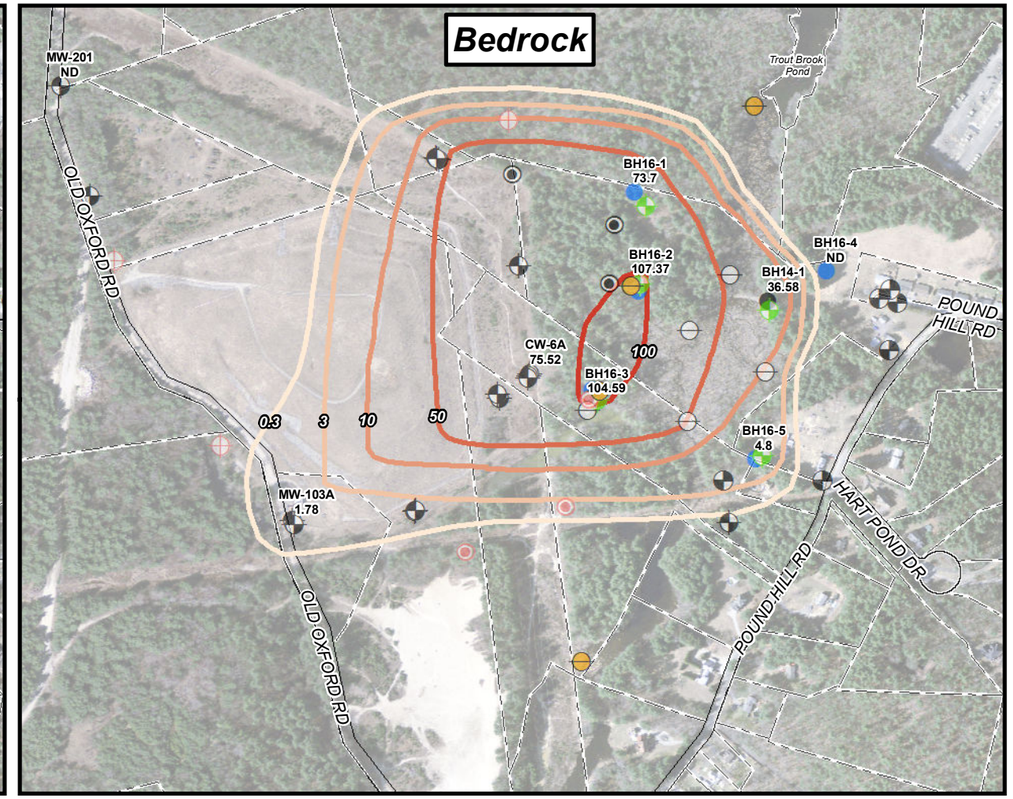
WOODARD & CURRAN

SCALE: 1 " = 600 '	OU 2 RI/FS
DATE: June 2017	PROJECT #: 229620
DRAWN BY: SMO	DOC: Fig. 1 GW Contours - March 2017.mxd









Legend

- Borehole
- Geoprobe Groundwater
- Monitoring Well
- Piezometer
- Residential Well
- Waterloo Profile
- Interpreted Parcel Boundaries
- Surveyed Extent of Wetland Features (July 2016)
- Approximate Extent of Wetland Features

Hydrogeological Investigation Locations

- Overburden Multi-Level System
- Bedrock Borehole
- Waterloo Groundwater Profile
- Discrete Groundwater
- Piezometer

Wetland Sampling Locations

- Upgradient
- Surface Water/Trout Brook Tributary
- Trout Brook & Associated Wetlands
- Downgradient

Total VOC Isopleths (ug/l)

- 0.3
- 3
- 10
- 50
- 100
- 300

Notes:
1. Locations as shown based survey conducted April 5, 2017 by Diprete Engineering.
2. Parcel boundaries interpretted from May 2012 Existing Site Plan (Drawing C-01) and the Town of North Smithfield (November 2013) and may not reflect on-the-ground accuracy.
3. Data displayed in NAD83 RI State Plane and NAVD88.
4. Orthophotography from USGS, April 2014.
5. Overburden Multi-Level System identifier to correspond with A/B/C - deep / intermediate / shallow designation.
6. Total volatile organic compound (TVOC) concentrations presented in micrograms per liter (ug/l) from wetland sampling conducted June 30 to July 7, 2016 (pore water results) and Pre-ROD groundwater sampling conducted March 6 to 9, 2017, April 18, 2017 (BH16-4), and May 8, 2017 (BH16-2) are a sum of all concentrations of VOCs detected above laboratory reporting limits at each sample location.
7. Shallow overburden concentrations include results of pore water samples collected in June/July 2016.
8. For MW-302 and MW-303, multiple sample zones overlapped the deep overburden category. For each well, the zone with the highest concentration was used for contouring.
9. For bedrock monitoring locations finished as multi-level sytems, the interval with the highest concentration of 1,4-dioxane was utilized for contouring.
10. Monitoring well MW-305 A/B/C was re-sampled on May 25, 2017. Concentrations of 1,4-dioxane and VOCs were not detected above the laboratory reporting limits.

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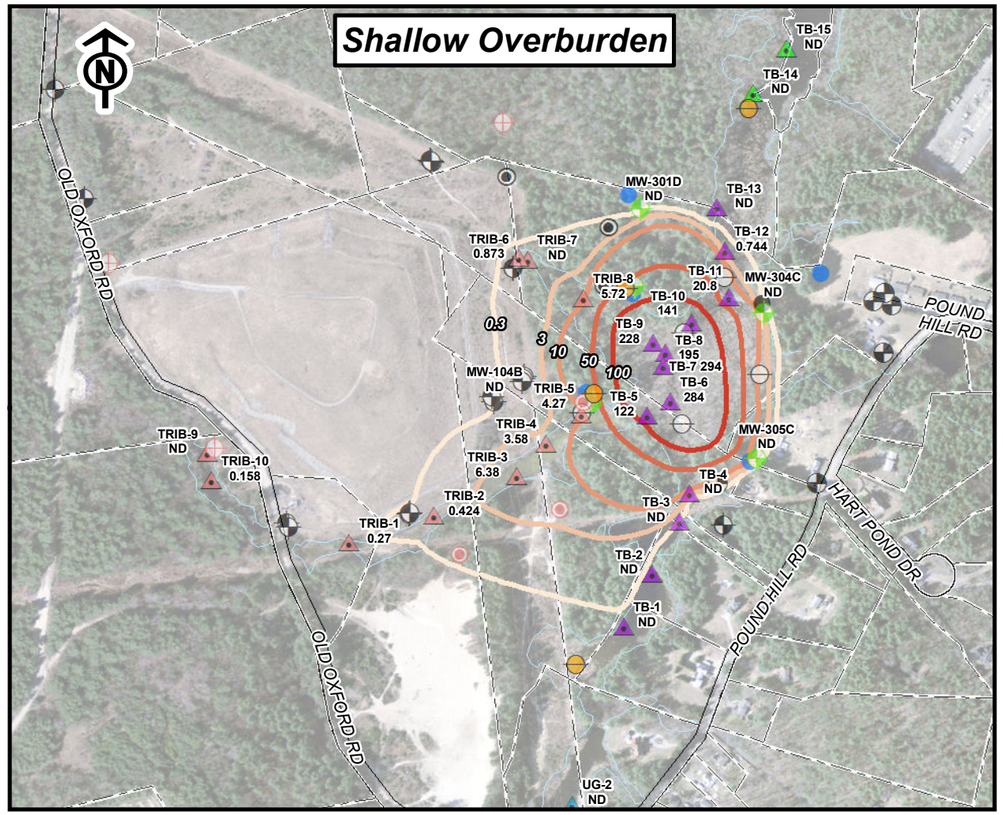
L&RR SUPERFUND SITE NORTH SMITHFIELD, RHODE ISLAND

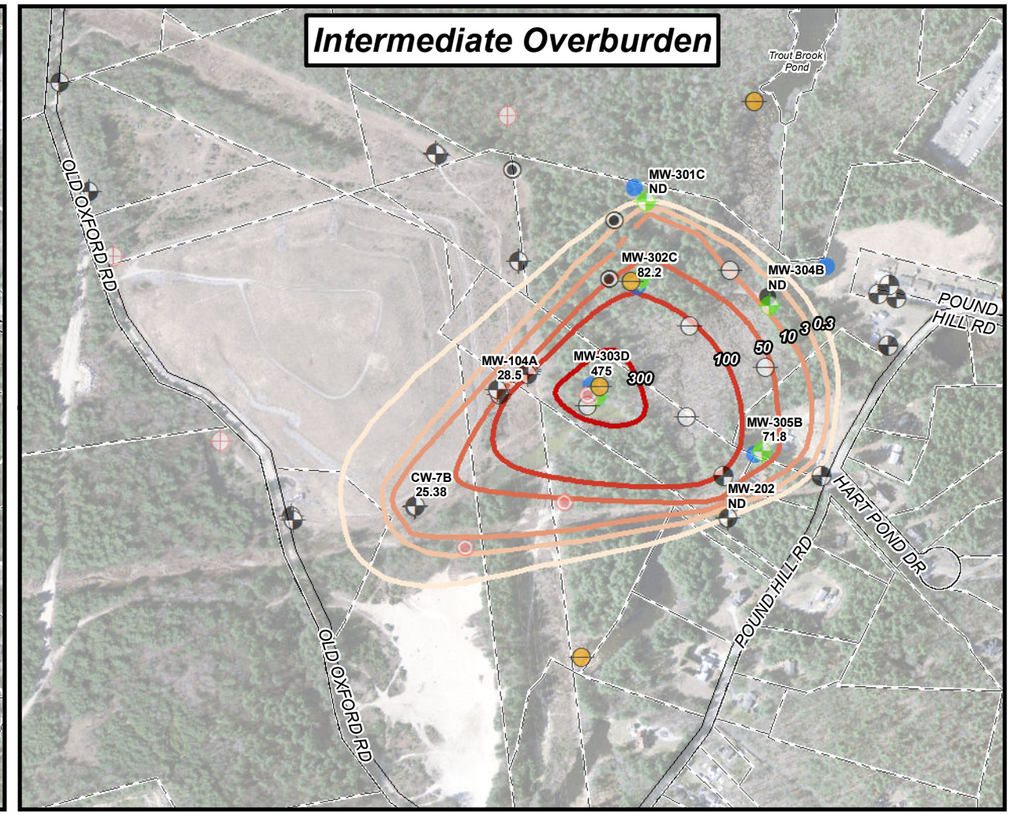
Total VOC Groundwater Isopleths

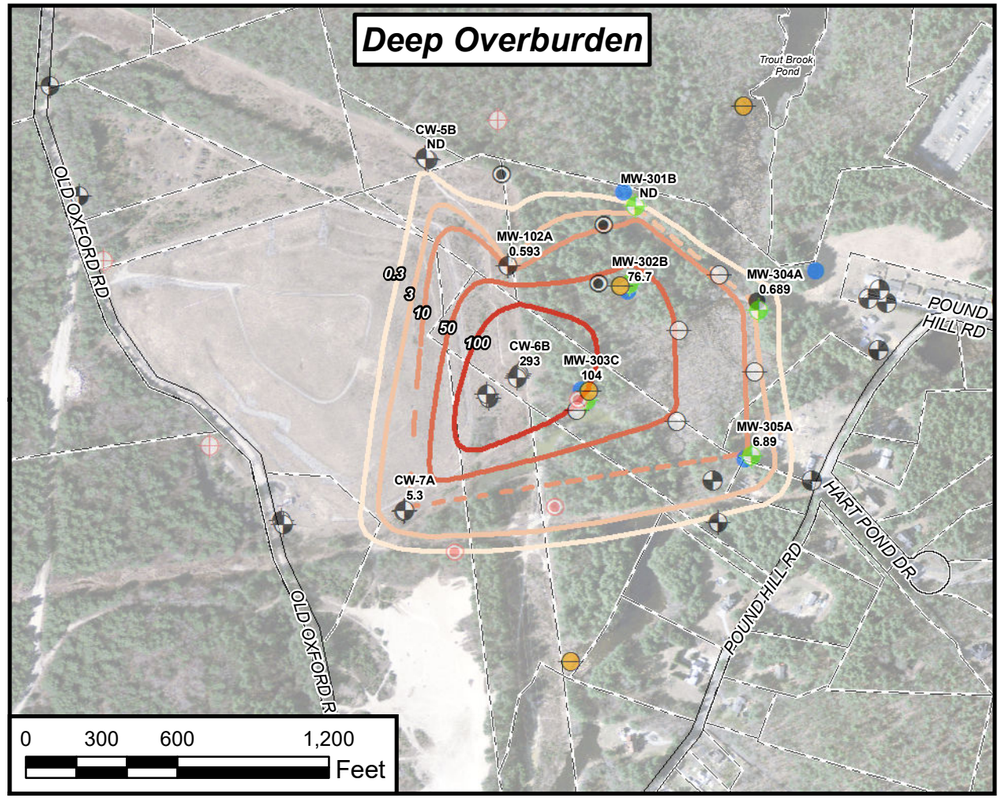
FIGURE 2a

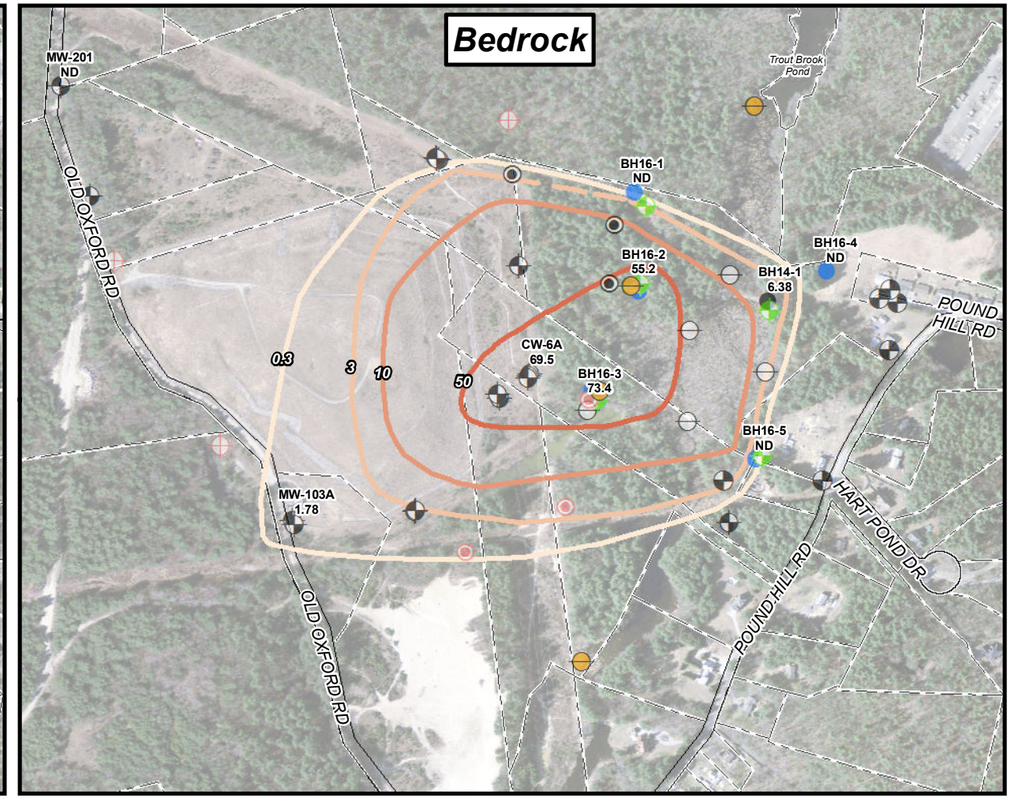
WOODARD & CURRAN

SCALE: 1 " = 600 '	OU 2 RI/FS
DATE: June 2017	PROJECT #: 229620
DRAWN BY: SMO	DOC: Fig. 2a TVOCs contours - March 2017.mxd









Legend

- Borehole
- Geoprobe Groundwater
- Monitoring Well
- Piezometer
- Residential Well
- Waterloo Profile
- Interpreted Parcel Boundaries
- Surveyed Extent of Wetland Features (July 2016)
- Approximate Extent of Wetland Features

Hydrogeological Investigation Locations

- Overburden Multi-Level System
- Bedrock Borehole
- Waterloo Groundwater Profile
- Discrete Groundwater
- Piezometer

Wetland Sampling Locations

- Upgradient
- Surface Water/Trout Brook Tributary
- Trout Brook & Associated Wetlands
- Downgradient

1,4-Dioxane Isopleths (ug/l)

- 0.3
- 3
- 10
- 50
- 100
- 300

Notes:
1. Locations as shown based survey conducted April 5, 2017 by Diprete Engineering.
2. Parcel boundaries interpretted from May 2012 Existing Site Plan (Drawing C-01) and the Town of North Smithfield (November 2013) and may not reflect on-the-ground accuracy.
3. Data displayed in NAD83 RI State Plane and NAVD88.
4. Orthophotography from USGS, April 2014.
5. Overburden Multi-Level System identifier to correspond with A/B/C - deep / intermediate / shallow designation.
6. 1,4-Dioxane concentrations presented in micrograms per liter (ug/l) from wetland sampling conducted June 30 to July 7, 2016 (pore water results) and Pre-ROD groundwater sampling conducted March 6 to 9, 2017, April 18, 2017 (BH16-4), and May 8, 2017 (BH16-2).
7. Shallow overburden concentrations include results of pore water samples collected in June/July 2016.
8. For MW-302 and MW-303, multiple sample zones overlapped the deep overburden category. For each well, the zone with the highest concentration was used for contouring.
9. For bedrock monitoring locations finished as multi-level sytems, the interval with the highest concentration of 1,4-dioxane was utilized for contouring.
10. Monitoring well MW-305 A/B/C was re-sampled on May 25, 2017. Concentrations of 1,4-dioxane and VOCs were not detected above the laboratory reporting limits.

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L&RR SUPERFUND SITE NORTH SMITHFIELD, RHODE ISLAND

1,4-Dioxane Groundwater Isopleths

FIGURE 2b

WOODARD & CURRAN

SCALE: 1 " = 600 '	OU 2 RI/FS
DATE: June 2017	PROJECT #: 229620
DRAWN BY: SMO	DOC: Fig. 2b 1,4-diox contours - March 2017.mxd

Lithology

- Silty Fine Sand
- Coarse to Fine Sand
- Sand and Clay
- Bedrock
- Fine to Medium Sand
- Sand and Gravel
- Clay
- Estimated Landfill Waste Depth (Offset)

Hydrology

- Surface Water/Wetland
- Groundwater Elevation (March 2017)

Bedrock Geophysics

- Possibly Transmissive Fracture
- Likely Transmissive Fracture

Well Construction

- CMT Screen
- Open Borehole
- Well Screen

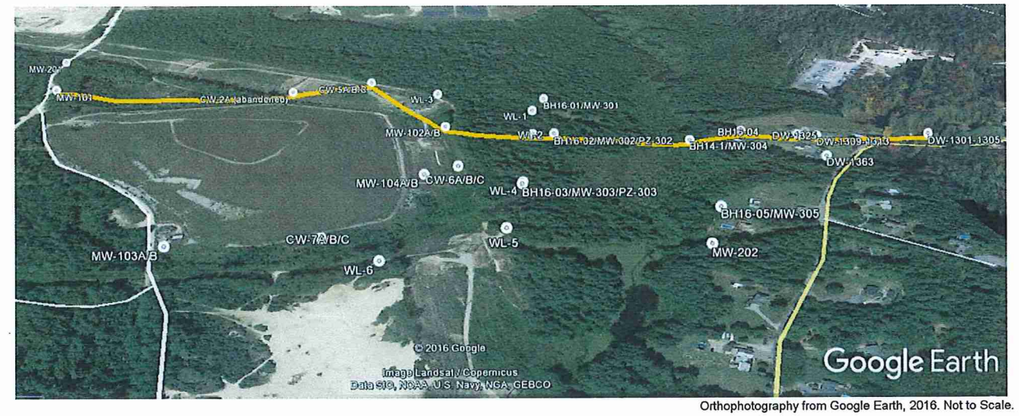
Groundwater Concentration

<0.144 / 0.593 1,4-Dioxane Concentration ug/L

ND / 0.593 Total VOC Concentration ug/L

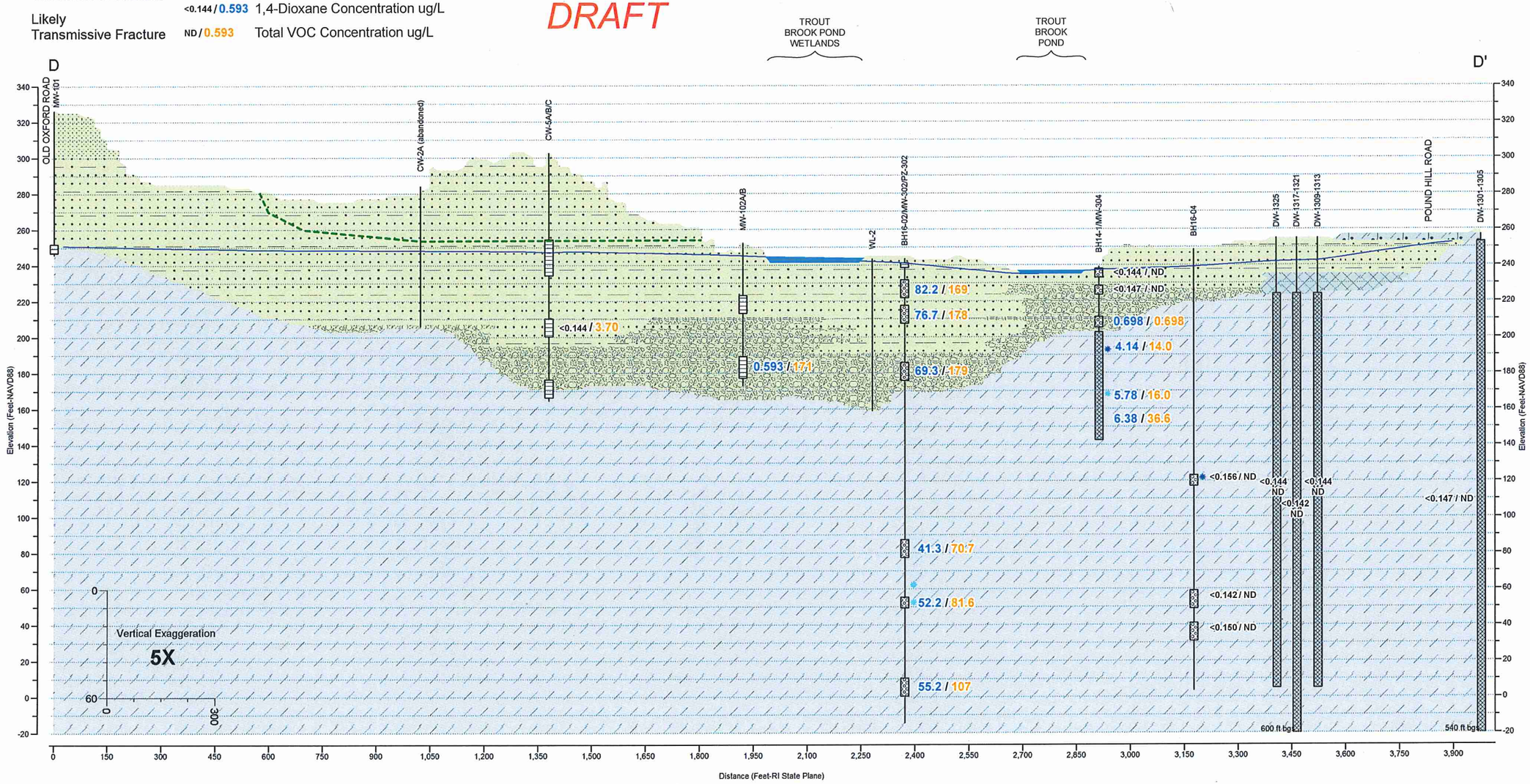
Notes

1. Monitoring wells, borings, and groundwater profile locations are approximate.
2. Vertical elevations along cross-section derived from Rhode Island 2011 state-wide LiDAR dataset obtained from RIGIS.
3. Geologic units were interpreted from E.C. Jordan and Wehran Engineering borings and well installations during previous site investigation activities. Units and contacts are interpretational and may vary from actual field conditions.
4. Lithology interpolated using "Lateral Blending" algorithm in RockWorks 17. Lateral blending extends boring lithology data horizontally and randomizes correlations at the middle zone between borings.
5. Private well data for wells along Pound Hill Road (DW-XXXX) based on well logs on file at Rhode Island Department of Public Health.
6. Water table is inferred from depth to groundwater measurements in shallow overburden wells recorded in the field by Woodard _Curran on March 6, 2017. Overburden groundwater elevations near private wells along Pound Hill Road were estimated based upon topography.
7. The location of Trout Brook and associated wetlands have been interpreted from existing orthophotos. These limits likely vary with stage of the brook.
8. Groundwater concentrations are from March & April 2017 Pre-ROD groundwater and Residential drinking water sampling.



Orthophotography from Google Earth, 2016. Not to Scale.

DRAFT



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Andover, Massachusetts 01810
866.702.6371 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS
WOODARD & CURRAN

CROSS-SECTION D-D'

DESIGNED BY: BLG
DRAWN BY: BLG
CHECKED BY: MAA
CrossSectionD-D'.RwRpt

L&RR SUPERFUND SITE
NORTH SMITHFIELD, RHODE ISLAND

REMEDIAL INVESTIGATION & FEASIBILITY STUDY

JOB NO: 229620
DATE: MAY 2017

FIGURE 3a

Lithology

- Silty Fine Sand
- Coarse to Fine Sand
- Bedrock
- Fine to Medium Sand
- Sand and Gravel

Hydrology

- Surface Water/Wetland
- Groundwater Elevation (March 2017)

Bedrock Geophysics

- Possibly Transmissive Fracture
- Likely Transmissive Fracture

Well Construction

- CMT Screen
- Open Borehole
- Well Screen

Groundwater Concentration

<0.144 / 0.593 1,4-Dioxane Concentration ug/L

<0.144 / 0.593 Total VOC Concentration ug/L

Notes

1. Monitoring wells, borings, and groundwater profile locations are approximate.
2. Vertical elevations along cross-section derived from Rhode Island 2011 state-wide LiDAR dataset obtained from RIGIS.
3. Geologic units were interpreted from E.C. Jordan and Wehran Engineering borings and well installations during previous site investigation activities. Units and contacts are interpretational and may vary from actual field conditions.
4. Lithology interpolated using "Lateral Blending" algorithm in RockWorks 17. Lateral blending extends boring lithology data horizontally and randomizes correlations at the middle zone between borings.
5. Water table is inferred from depth to groundwater measurements in shallow overburden wells recorded in the field by Woodard _Curran on March 6, 2017.
6. The location of Trout Brook and associated wetlands have been interpreted from existing orthophotos. These limits likely vary with stage of the brook.
7. Groundwater concentrations are from March & April 2017 Pre-ROD groundwater and Residential drinking water sampling.

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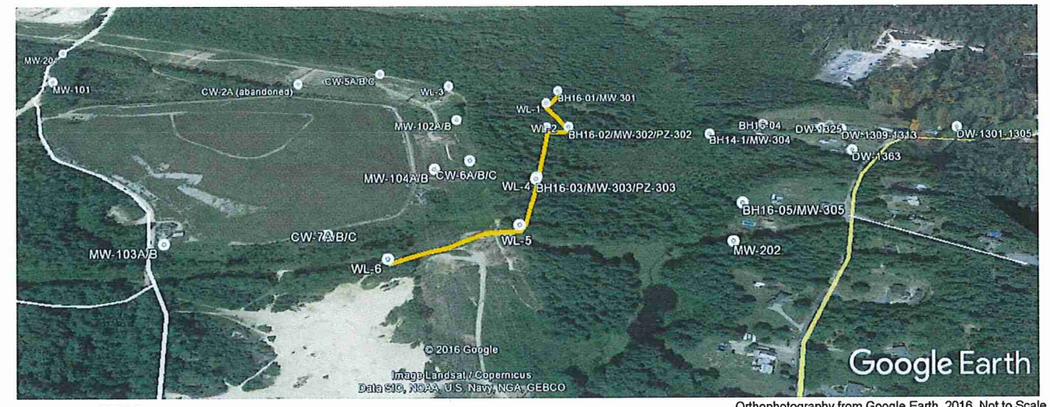
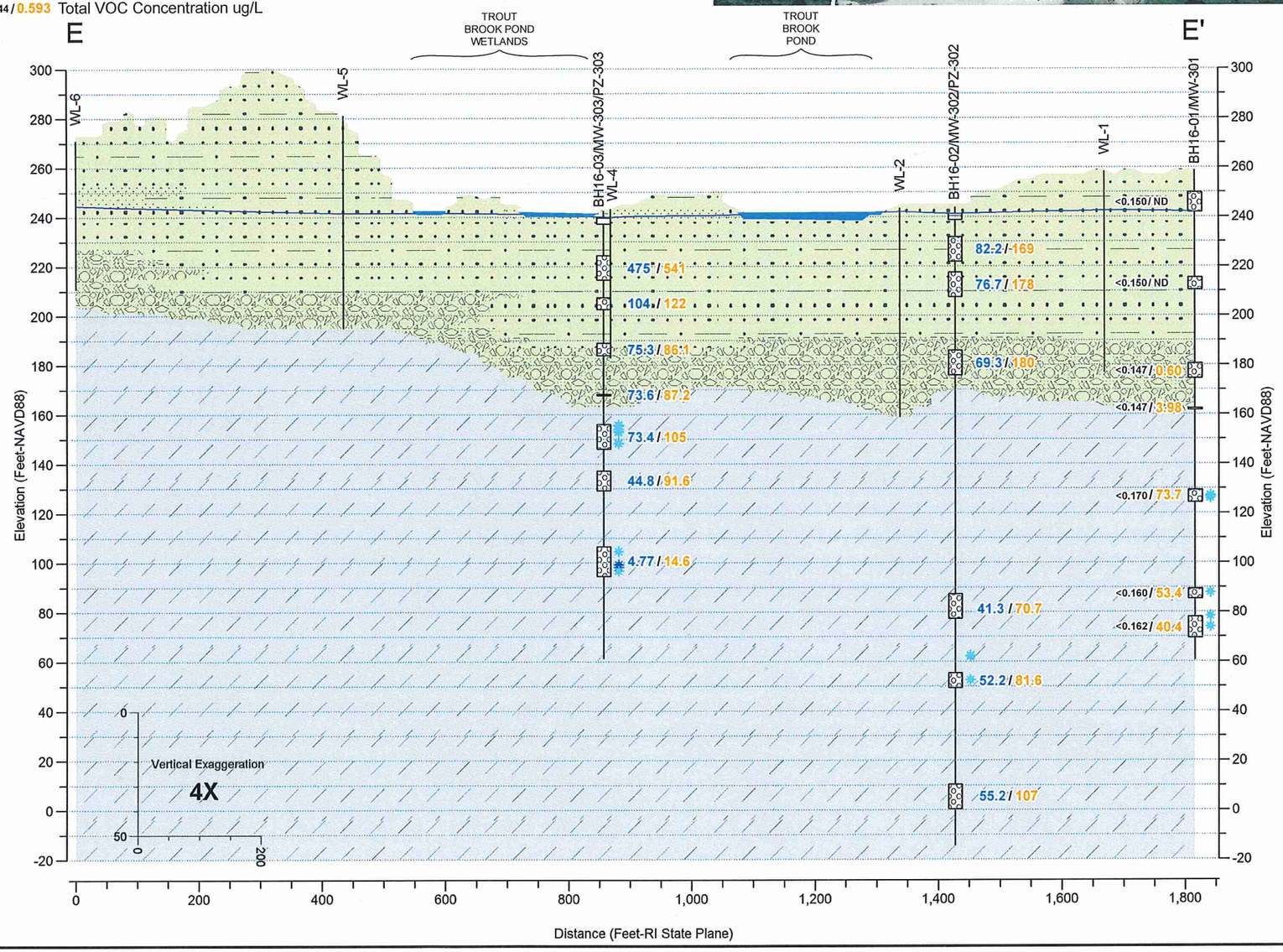


Orthophotography from Google Earth, 2016. Not to Scale.



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CROSS-SECTION E-E'

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DRAWN BY: BLG
CHECKED BY: MAA
CrossSectionE-E'.RwRpt

L&RR SUPERFUND SITE
NORTH SMITHFIELD, RHODE ISLAND

REMEDIAL INVESTIGATION & FEASIBILITY STUDY

JOB NO: 229620
DATE: MAY 2017

FIGURE 3b

Lithology

- Silty Fine Sand
- Coarse to Fine Sand
- Bedrock
- Fine to Medium Sand
- Sand and Gravel
- Estimated Landfill Waste Depth (Offset)

Hydrology

- Surface Water/Wetland
- Groundwater Elevation (March 2017)

Well Construction

- CMT Screen
- Open Borehole
- Well Screen

Bedrock Geophysics

- Possibly Transmissive Fracture
- Likely Transmissive Fracture

Groundwater Concentration

<0.144 / 0.593 1,4-Dioxane Concentration ug/L

<0.144 / 0.593 Total VOC Concentration ug/L

Notes

1. Monitoring wells, borings, and groundwater profile locations are approximate.
2. Vertical elevations along cross-section derived from Rhode Island 2011 state-wide LiDAR dataset obtained from RIGIS.
3. Geologic units were interpreted from E.C. Jordan and Wehran Engineering borings and well installations during previous site investigation activities. Units and contacts are interpretational and may vary from actual field conditions.
4. Lithology interpolated using "Lateral Blending" algorithm in RockWorks 17. Lateral blending extends boring lithology data horizontally and randomizes correlations at the middle zone between borings.
5. Water table is inferred from depth to groundwater measurements in shallow overburden wells recorded in the field by Woodard _Curran on March 6, 2017.
6. The location of Trout Brook and associated wetlands have been interpreted from existing orthophotos. These limits likely vary with stage of the brook.
7. Groundwater concentrations are from March & April 2017 Pre-ROD groundwater and Residential drinking water sampling.

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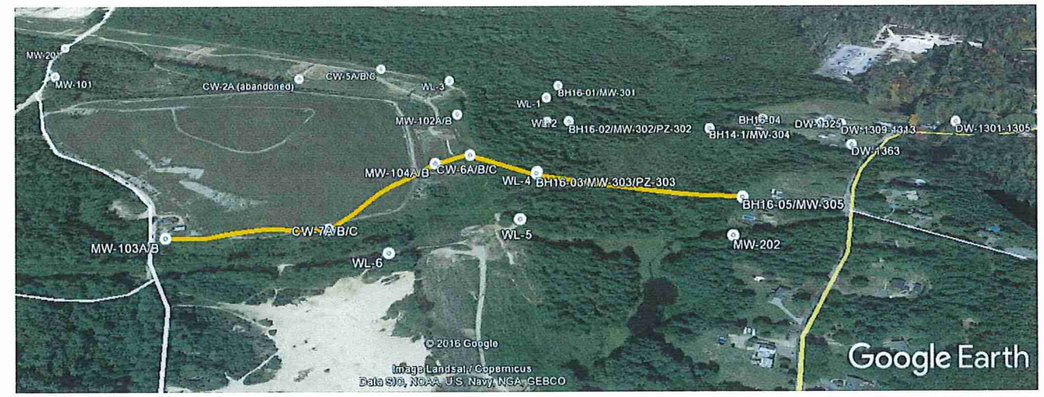
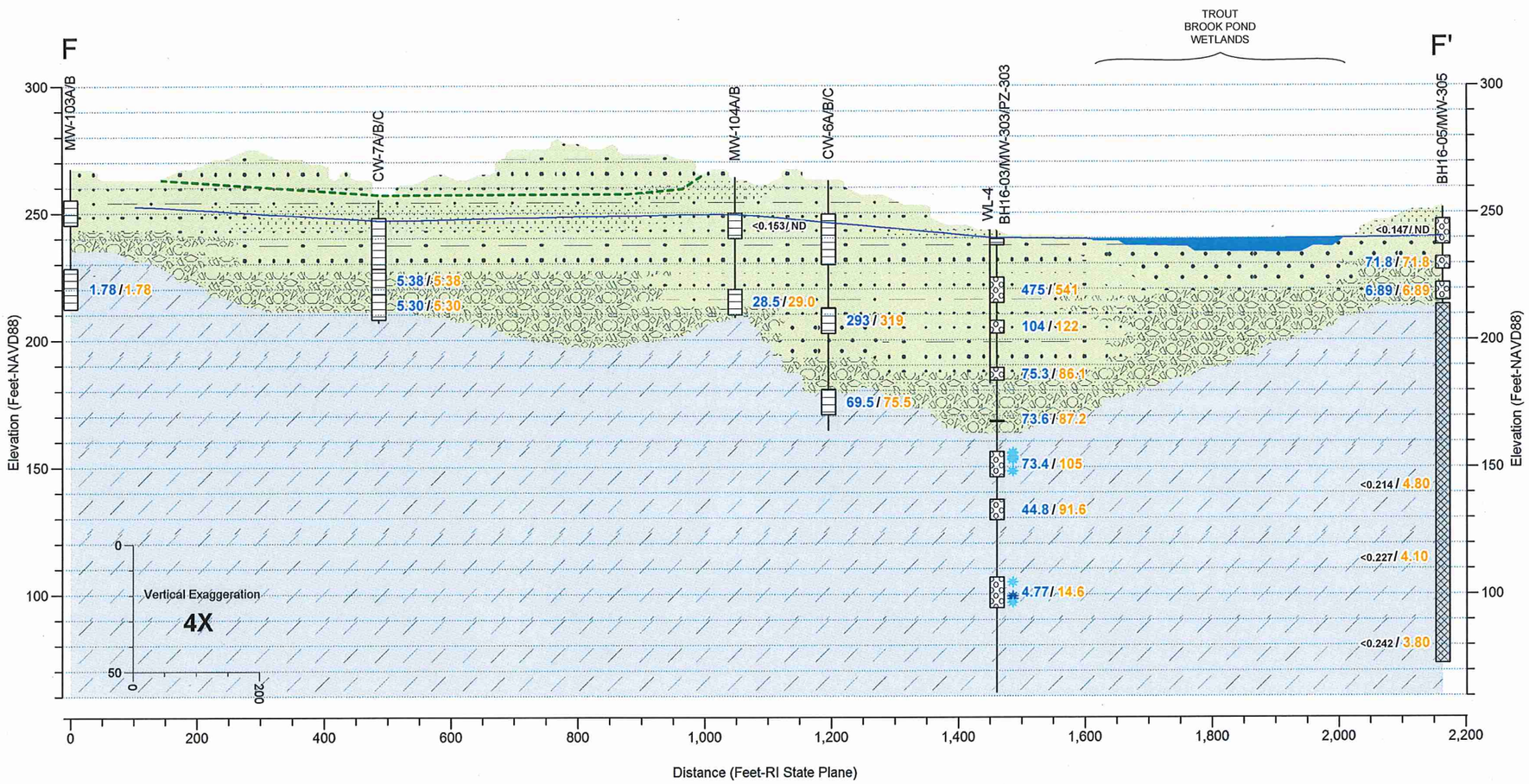


Orthophotography from Google Earth, 2016. Not to Scale



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COMMITMENT & INTEGRITY DRIVE RESULTS

WOODARD & CURRAN

CROSS-SECTION F-F'

DESIGNED BY: BLG
DRAWN BY: BLG
CHECKED BY: MAA
CrossSectionF-F'.RwRpt

L&RR SUPERFUND SITE
NORTH SMITHFIELD, RHODE ISLAND

REMEDIAL INVESTIGATION & FEASIBILITY STUDY

JOB NO: 229620
DATE: MAY 2017

FIGURE 3c

Table 1
Pre-ROD Groundwater Analytical Results - Overburden Detects Only
L&RR Superfund Site OU 2
North Smithfield, Rhode Island

Sample ID	Units	EPA-MCL	CW-5B	CW-6A	CW-6B	CW-7A	CW-7B	MW-102A	MW-103A	MW-104A	MW-104B	MW-201	MW-202	MW-301D	MW-301C	MW-301B	MW-301A	MW-302C	MW-302B	MW-302A	MW-303D	MW-303C	MW-303B	MW-303A	MW-304C	MW-304B	MW-304A	MW-305C	MW-305C	MW-305B	MW-305B	MW-305A	MW-305A
Sample Date			3/6/2017	3/7/2017	3/8/2017	3/6/2017	3/7/2017	3/7/2017	3/6/2017	3/7/2017	3/8/2017	3/8/2017	3/8/2017	3/9/2017	3/9/2017	3/9/2017	3/9/2017	3/8/2017	3/8/2017	3/8/2017	3/7/2017	3/9/2017	3/8/2017	3/9/2017	3/7/2017	3/7/2017	3/7/2017	3/8/2017	5/25/2017	3/8/2017	5/25/2017	3/8/2017	5/25/2017
Screen Interval (ft AMSL)			211.9-201.9	182.1-172.1	212.0-202.0	218.6-208.6	228.5-218.5	195.3-184.7	229.3-213.4	220.0-209.5	249.3-239.8	251.3-231.3	232.3-214.7	249.9-241.9	215.4-210.4	180.5-174.5	162.3-161.7	231.7-221.7	217.4-207.4	185.7-175.7	224.1-214.1	207.1-202.1	188.6-183.6	167.9-167.4	238.5-233.5	228.8-223.8	211.7-205.7	247.2-237.2	247.2-237.2	232.4-227.4	232.4-227.4	222.2-215.2	222.2-215.2
Volatile Organic Compounds																																	
1,1,1-Trichloroethane	ug/l	200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	ug/l		<0.75	**0.84**	**1.0**	<0.75	<0.75	**9.7**	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	**6.4**	**8.5**	**8.8**	**1.9**	**1.6**	**1.7**	**1.2**	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
1,2-Dichloroethene	ug/l		<0.5	<0.5	<0.5	<0.5	<0.5	**69**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	**23**	**30**	**32**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/l	600	<2.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0.9	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	75	<2.0	<1.0	**5.6**	<1.0	<2.0	**2.1**	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.0**	<2.0	**3.9**	**4.7**	**3.6**	<2.0	**3.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane (SIM)	ug/l		<0.144	**69.5**	**293**	**5.3**	**5.38**	**0.593**	**1.78**	**28.5**	<0.153	<0.144	<0.144	<0.15	<0.15	<0.147	<0.147	**82.2**	**76.7**	**69.3**	**475**	**104**	**75.3**	**73.6**	<0.144	<0.147	**0.698**	<0.147	<0.153	**71.8**	<0.156	**6.89**	<0.144
2-Hexanone	ug/l		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	ug/l		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	ug/l	5	<0.2	**0.38**	**2.0**	<0.2	<0.2	**1.2**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**2.0**	**2.3**	**2.3**	**2.2**	**1.2**	**0.75**	**0.67**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene	ug/l	100	<0.5	<0.5	**6.0**	<0.5	<0.5	**3.8**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**8.0**	**8.9**	**8.7**	**8.1**	**2.7**	**2.3**	**2.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	ug/l		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.0**	**1.5**	**1.7**	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	ug/l		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	ug/l	70	<0.5	<0.5	<0.5	<0.5	<0.5	**68**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**1.2**	**23**	**30**	**32**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/l		**2.3**	<2.0	<2.0	<2.0	<2.0	**2.0**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Ethyl ether	ug/l		<1.0	**1.2**	**5.0**	<1.0	<1.0	**3.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**5.8**	**6.0**	**5.9**	**14**	**4.8**	**2.7**	**2.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl ethyl ketone	ug/l		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	ug/l		<0.2	<1.0	<1.0	<1.0	<0.2	<0.2	<0.2	**0.54**	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<0.19	<1.0	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	ug/l	5	**1.4**	<0.5	<0.5	<0.5	<0.5	**1.3**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.6**	**1.2**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	ug/l		<2.0	**3.6**	**6.0**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**4.5**	**3.1**	**3.1**	**24**	**3.8**	**3.1**	**4.0**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Toluene	ug/l	1000	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
trans-1,2-Dichloroethene	ug/l	100	<0.75	<0.75	<0.75	<0.75	<0.75	**0.76**	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
Trichloroethene	ug/l	5	<0.2	<0.2	<0.2	<0.2	<0.2	**2.4**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.38**	**1.3**	**1.8**	**1.9**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Vinyl chloride	ug/l	2	<0.2	<0.2	**0.36**	<0.2	<0.2	**6.3**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**8.0**	**9.6**	**10**	<0.2	**0.2**	**0.22**	**0.22**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
TOTAL VOCS			3.7	75.52	318.96	5.3	5.38	170.75	1.78	29.04	0	0	0	0	0	0.6	3.98	169.2	178.4	179.6	531.2	121.9	86.07	87.19	0	0	0.698	0	0	71.8	0	6.89	0
Semi-Volatile Organic Compounds																																	
Diethylphthalate	ug/l		<5.0				<5.0	<5.0	<5.0	<5.0	<5.0								<5.0		**9.9**		<5.0										
Metals																																	
Antimony (Total)	ug/l	6	<4.0	<4.0	<5.0	<4.0	<4.0	<4.0	<4.0	<4.0	**10.86**	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<4.0	<4.0	<4.0	<4.0		<4.0		<4.0	
Arsenic (Dissolved)	ug/l	10	<0.5	**1.35**	**32.19**	**1.11**	**0.93**	**12.61**	**1.27**	**18.01**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**17.22**	**18.29**	**18.92**	**1.27**	<0.5	**0.61**	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5		<0.5	
Arsenic (Total)	ug/l	10	<0.5	**1.25**	**29.23**	**1.9**	**1.35**	**11.25**	**0.9**	**36.72**	<0.5	<0.5	<0.5	<0.5	**2.89**	<0.5	<0.5	**2.06**	**17.26**	**16.9**	**1.31**	**2.31**	**3.86**	**0.6**	<0.5	<0.5	<0.5	**0.91**		<0.5		<0.5	
Beryllium (Total)	ug/l	4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.58**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.54**	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5		<0.5	
Cadmium (Dissolved)	ug/l	5	**0.27**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.2**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**0.87**	**0.36**	<0.2	**0.41**	<0.2	<0.2	**0.28**	<0.2		<0.2		**0.31**	
Cadmium (Total)	ug/l	5	**0.32**	<0.2	<0.2	**0.49**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	**1.02**	**0.52**	**0.2**	**0.39**	<0.2	<0.2	**0.28**	<0.2		<0.2		**0.23**	
Chromium (Total)	ug/l	100	**1.34**	<1.0	**1.76**	**1.97**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**15.8**	**1.0**	**10.39**	<1.0	**1.18**	**1.19**	<1.0	**1.55**	**1.1**	**13.5**	**19.62**	**1.53**	**1.02**	**2.14**	<1.0	**2.82**		<1.0		<1.0	
Copper (Dissolved)	ug/l	1300	**8.06**	<1.0	<1.0	<1.0	<1.0	<1.0	**1.01**	<1.0	**1.37**	<1.0	<1.0	**1.22**	<1.0	**1.15**	<1.0	<1.0	**1.02**	<1.0	**12.51**	**2.28**	**1.59**	**1.89**	**1.46**	<1.0	<1.0	<1.0		**1.22**		<1.0	
Copper (Total)	ug/l	1300	**12.28**	<1.0	**1.76**	**1.59**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.4**	<1.0	<1.0	**1.14**	<1.0	<1.0	**14.17**	**8.94**	**14.82**	**1.68**	<1.0	<1.0	<1.0	**2.62**		<1.0		<1.0	
Lead (Total)	ug/l	15	**1.47**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**6.64**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.3**	**6.26**	<1.0	<1.0	<1.0	<1.0	**1.19**		<1.0		<1.0	
Nickel (Dissolved)	ug/l		**2.03**	**6.75**	**13.15**	**5.21**	<2.0	**3.04**	<2.0	**7.4**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**7.84**	**8.2**	**8.67**	**8.2**	**23.07**	**12.2**	**8.82**	**8.12**	<2.0	<2.0	<2.0	<2.0		<2.0		**3.01**	
Nickel (Total)	ug/l		**2.54**	**8.23**	**14.29**	**16.64**	<2.0	**3.05**	**2.34**	**7.93**	<2.0	<2.0	<2.0	<2.0	**2.94**	<2.0	**7.96**	<2.0	**7.84**	**8.37**	**25.23**	**15.69**	**21.27**	**9.0**	<2.0	<2.0	**2.16**	<2.0		<2.0		**2.92**	
Selenium (Total)	ug/l	50	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**6.32**	<5.0	<5.0	<5.0	<5.0	<5.0		<5.0		<5.0	
Silver (Total)	ug/l		**1.69**	<0.4	<0.4	**1.04**	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4		<0.4		<0.4	
Zinc (Dissolved)	ug/l		**712.7**	**69.25**	**54.76**	**671.3**	**672.2**	**722**	**650.8**	**670**	**695.6**	**60.34**	**56.42**	<1.0	<1.0	<1.0	<1.0	**20.01**	**24.52**	**86.38**	**663**	**62.23**	<1.0	**71.5**	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	
Zinc (Total)	ug/l		**713.8**	**47.37**	**63.6**	**74.11**	**739.1**	**714.3**	**675.2**	**688.7**	**545.4**	**60.35**	**61.27**	<1.0	**23.86**	<1.0	<1.0	<1.0	**23.21**	**83.81**	**695.6**	**85.18**	**76.67**	**71.15**	<1.0	<1.0	<1.0	<1.0		**22.38**		<1.0	
Inorganics/Other																																	
Alkalinity (as CaCO3)	mg/l			**418**			**55.3**	**183**		**67.1**									**298**		**407**		**318**										
Chloride	ug/l			**58,900**			**2,530**	**1,940**		**19,500**									**35,500**		**138,000**		**56,800**										
Kjeldahl nitrogen	ug/l			**3880**			<300	**787**		**3,010**									**12,500**		**1,290**		**647**										
Nitrate	ug/l			<50			<50	<50		**7,980**									<50		<50		<50										
Nitrate/Nitrite	ug/l			<100			<100	<100		**7,800**									<100		<100		<100										
Nitrogen, Ammonia	ug/l			**3,190**			<75	**556**		**3,340**									**10,700**		**79**		**181**										
Nitrogen, Total	mg/l			**3.9**			<0.3	**0.79**		**11**									**12**		**1.3**		**0.65**										
Phosphorus	ug/l			**47**			**31**	**26**		**192**									**69**		**44**		**1,350**										
Sulfate	ug/l			<10,000			<10,000	<10,000		<10,000									<10,000		<10,000		<10,000										
Total Dissolved Solids	ug/l			**520,000**			**71,000**	**210,000**		**140,000**									**330,000**		**700,000**		**460,000**										
Total Organic Carbon	ug/l			**7,600**			**1,000**	**2,000**		**3,500**									**7,400**		**25,000**		**6,500**										
Dissolved Gases																																	
Methane	ug/l			**610**			**0.21**	**4,300**		**260**									**6,000**		**160**		**180**										
Ethane	ug/l			**0.16**			<0.1	**0.42**		**0.064**									**1.5**		**1.4**		**0.47**										
Ethene	ug/l			**0.19**			<0.1	**0.51**		**0.018**									**2.2**		**0.078**		**0.058**										
Hydrogen	nM			**1.7**			**1.7**	**1.3**		**1.9**									**1.4**		**2.2**		**1.5**										
Field Geochemistry																																	
Dissolved oxygen	mg/l		1.27	0.92	1.20	0.90	1.18	1.91	1.61	1.75	3.68	3.53	2.95	3.60	6.10	2.48	1.91	0.85	1.94	1.50	1.23	0.97	0.90	1.24	4.38	6.60	1.05	6.71	11.58	8.22	11.24	4.91	10.00
Field pH	s.u.		6.12	6.37	6.68	6.23	6.35	5.94	6.89	6.91	5.58	6.15	6.22	6.95	6.72	5.99	6.14	6.32	6.08	6.33	6.15	6.28	6.02	6.22	4.49	4.40	5.53	5.87	6.48	4.91	4.98	5.47	5.19
Oxidation Reduction Potential	mv		169.1	123.1	55.9	123.9	119.1	127.3	108.2	113.0	179.3	203.9	235.0	155.9	163.2	161.0	169.2	75.6	118.6	86.0	-33.8	-107.0	-108.5	-136.0	150.6	156.9	78.6	-6.1	130.6	-3.6	154.5	-44.1	139.1
Specific Conductivity	uS/cm		245	415	849	175	157	376	255	307	146	65	308	66	63	121	158	563	532	528	1325	886	698	823	323	424	383	351.5	295	272.4	247	323.3	286
Temperature	Deg C		11.2	11.2	13.3	13.1	12.4	10.2	9.7	13.7	11.3	9.2	9.2	9.1	9.9	10.1	10.7	11.7	10.8	11.3	10.8	12.4	12.4	12.3	7.9	9.5	9.4	9.7	9.6	11.7	10.6	11.2	10.5

Notes
1. Compounds/analytes detected above laboratory standards indicated in bold.
2. Shaded values exceed EPA MCLs.
3. Preliminary data provided; data validation in progress.
4. Blank cells indicate compound/constituent not analyzed.

Table 2
Pre-ROD Groundwater Sampling Analytical Results - Bedrock Detects Only
L&RR Superfund Site OU 2
North Smithfield, Rhode Island

Sample ID	Units	EPA-MCL	BH14-1 (46)	BH14-1 (73.5)	BH14-1 (86)	BH16-1 (131-136)	BH16-1 (171-175)	BH16-1 (182.5-191)	BH16-2 (155-165)	BH16-2 (190-196)	BH16-2 (235-245)	BH16-3 (88-98)	BH16-3 (107-115)	BH16-3 (138-150)	BH16-5 (110)	BH16-5 (138.5)	BH16-5 (172.5)	BH16-4 (127-133)	BH16-4 (191-201)	BH16-4 (209-219)
Sample Date			3/7/2017	3/7/2017	3/7/2017	3/8/2017	3/8/2017	3/8/2017	5/25/2017	5/8/2017	5/8/2017	3/8/2017	3/9/2017	3/7/2017	3/8/2017	3/8/2017	3/8/2017	4/18/2017	4/18/2017	4/18/2017
Screen/Sample Interval (ft AMSL)			195.1	167.6	155.1	129.3-124.3	89.3-85.3	77.9-69.4	87.7-77.7	55.7-49.7	10.7-0.7	155.9-145.9	137.1-129.1	106.5-94.5	143.57	115.07	81.07	123.1-117.1	59.1-49.1	41.1-31.1
Volatile Organic Compounds																				
1,1,1-Trichloroethane	ug/l	200	**0.77**	**0.59**	**2.0**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	ug/l		**2.0**	**2.0**	**5.6**	<0.75	<0.75	<0.75	<0.5	**5.2**	**6.4**	**3.1**	**2.7**	**1.2**	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
1,2-Dichloroethene	ug/l		**0.68**	**0.55**	**1.5**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	ug/l	600	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	**0.56**	**0.91**	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	75	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**3.7**	**2.1**	**3.3**	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dioxane (SIM)	ug/l		**4.14**	**5.78**	**6.38**	<0.17	<0.16	<0.163	**41.3**	**52.2**	**55.2**	**73.4**	**44.8**	**4.77**	<0.214	<0.227	<0.242	<0.156	<0.142	<0.15
2-Hexanone	ug/l		<5.0	<5.0	<5.0	**6.0**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**6.6**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Acetone	ug/l		<5.0	<5.0	<5.0	**16**	**12**	**8.7**	<5.0	<5.0	**7.7**	**16**	**26**	**7.4**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	ug/l	5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	**0.55**	**0.36**	**0.29**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chlorobenzene	ug/l	100	<0.5	<0.5	**1.1**	<0.5	<0.5	<0.5	<0.5	**1.0**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chloroethane	ug/l		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	**1.8**	**3.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	ug/l		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.5	<2.0	<2.0	**3.1**	**3.8**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
cis-1,2-Dichloroethene	ug/l	70	**0.68**	**0.55**	**1.5**	<0.5	<0.5	<0.5	<0.5	**2.1**	**3.3**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	ug/l		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Ethyl ether	ug/l		**1.8**	**1.7**	**2.7**	<1.0	<1.0	<1.0	**20**	**11**	**20**	**5.2**	**4.6**	**1.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl ethyl ketone	ug/l		<5.0	<5.0	<5.0	**50**	**37**	**29**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Naphthalene	ug/l	100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	ug/l	5	**2.5**	**2.6**	**8.6**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Tetrahydrofuran	ug/l		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	**5.7**	**4.2**	**5.6**	**3.5**	**3.1**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Toluene	ug/l	1000	<0.75	**0.9**	**2.3**	**1.7**	**4.4**	**2.7**	<0.5	<0.75	<0.75	<0.75	<0.75	<0.75	**4.8**	**4.1**	**3.8**	<0.75	<0.75	<0.75
trans-1,2-Dichloroethene	ug/l	100	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
Trichloroethene	ug/l	5	**1.4**	**1.4**	**4.9**	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Vinyl chloride	ug/l	2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.5	**0.87**	**1.6**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
TOTAL VOCs			13.97	16.07	36.58	73.7	53.4	40.4	70.7	81.58	107.37	104.59	91.6	14.57	4.8	4.1	3.8	0	0	0
Metals																				
Antimony (Total)	ug/l	6	<4.0	<4.0	<4.0	<5.0	<5.0	<4.0	<4.0	<4.0	<4.0	<4.0	<5.0	<4.0	<5.0	<4.0	<4.0	<4.0	<4.0	<4.0
Arsenic (Total)	ug/l	10	<0.5	<0.5	<0.5	**7.7**	**3.49**	<0.5	**3.01**	**1.0**	<0.5	**2.47**	**1.1**	**0.63**	**1.23**	**1.34**	**1.48**	**0.69**	<0.5	**1.85**
Beryllium (Total)	ug/l	4	<0.5	<0.5	<0.5	**1.03**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium (Total)	ug/l	5	**0.25**	**0.22**	**0.4**	<0.2	<0.2	**0.4**	**0.29**	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium (Total)	ug/l	100	**1.2**	**1.18**	**2.77**	**8.31**	**1.66**	<1.0	**4.1**	**3.92**	<1.0	<1.0	<1.0	<1.0	**4.04**	**2.86**	**3.82**	<1.0	<1.0	<1.0
Copper (Total)	ug/l	1300	**2.09**	**1.34**	**5.91**	**11.06**	**1.27**	**3.23**	**17.96**	**11.03**	<1.0	**1.49**	**1.48**	<1.0	**1.45**	**1.23**	**1.41**	<1.0	<1.0	<1.0
Lead (Total)	ug/l	15	<1.0	<1.0	**2.71**	**12.42**	<1.0	<1.0	**8.55**	**1.9**	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel (Total)	ug/l		<2.0	<2.0	**3.91**	**4.74**	**2.11**	**3.85**	**8.48**	**5.17**	**4.47**	**3.18**	**3.58**	<2.0	**3.79**	**2.03**	**3.15**	<2.0	<2.0	<2.0
Selenium (Total)	ug/l	50	<5.0	<5.0	<5.0	**6.82**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Silver (Total)	ug/l		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	**0.51**	**0.57**	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Zinc (Total)	ug/l		<1.0	**16.9**	**24.02**	**49.77**	<1.0	<1.0	**45.52**	**14.84**	<1.0	<1.0	<1.0	<1.0	**19.12**	**17.14**	**16.3**	<1.0	<1.0	<1.0
Inorganics/Other																				
Alkalinity (as CaCO3)	mg/l				**68.1**					**283**				**108**						
Chloride	ug/l				**20,300**					**236**				**8,340**						
Kjeldahl nitrogen	ug/l				**425**					**37,200**				<300						
Nitrate	ug/l				**335**					**537**				<50						
Nitrate/Nitrite	ug/l				**390**					<50				<100						
Nitrogen, Ammonia	ug/l				**159**					<100				<75						
Nitrogen, Total	mg/l				**0.82**					**0.54**				<0.3						
Phosphorus	ug/l				**240**					**81**				**23**						
Sulfate	ug/l				<10,000					**57,000**				**17,000**						
Total Dissolved Solids	ug/l				**110,000**					**410,000**				**140,000**						
Total Organic Carbon	ug/l				**2,100**					**3,600**				**1,200**						
Dissolved Gases																				
Ethane	ug/l				**0.7**					**2.8**				**0.054**						
Ethene	ug/l				**0.49**					**1.1**				**0.047**						
Hydrogen	nM									**2.0**				**1.6**						
Methane	ug/l				**82**					**420**				**21**						
Field Geochemistry																				
Dissolved oxygen	mg/l		1.73	3.29	1.07	5.63	3.65	5.64	6.11	0.13	0.22	1.13	4.17	1.88	4.31	0.45	1.22	0.47		0.28
Field pH	s.u.		9.71	9.27	7.93	10.18	10.62	9.28	6.46	6.55	6.35	7.07	7.25	7.22	11.78	11.76	11.92	8.39	8.25	8.14
Oxidation Reduction Potential	mv		162.4	51.6	27.8	43.9	-18.4	-130.9	-21.9	-38.5	-70.1	-40.1	4.4	-79.6	-12.9	-165	-170.9	76.4	60.4	72.2
Specific Conductivity	uS/cm		201	248	268	551.9	375	284	654	854	783	1142	1216	311.5	812	806	805	1058	993	1138
Temperature	Deg C		7.1	8.4	8.5	11.3	8.7	7.4	12.1	10.8	10.7	11.1	14.5	7.7	10.1	11.7	10.5	10.9	10.5	9.7

Notes

1. Compounds/analytes detected above laboratory standards indicated in bold.
2. Shaded values exceed EPA MCLs.
3. Preliminary data provided; data validation in progress.
4. Dissolved oxygen result at BH16-4 (191-201) is the result of equipment malfunction.
5. Blank cells indicate compound/constituent not analyzed or reported.