

Notes:

1. Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online © 2011 National Geographic Society, i-cubed.
2. The site boundary is based on the Topographic Survey prepared by Stantec Consulting Services, Inc. last updated on February 21, 2013 and Drawing No. V-14 titled Exhibit D - Brownfield Cleanup Program Parcel prepared by Stantec Consulting Services Inc. dated April 16, 2013.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.

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 Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

**FONF Expansion/
 Sabre Park BCP**

TOWN OF NIAGARA

NIAGARA COUNTY

NEW YORK

Drawing Title

**SITE LOCATION
 MAP**

Project No.

140091401

Date

7/18/2014

Scale

1" = 2000'

Drawn By

JPH

Submission Date

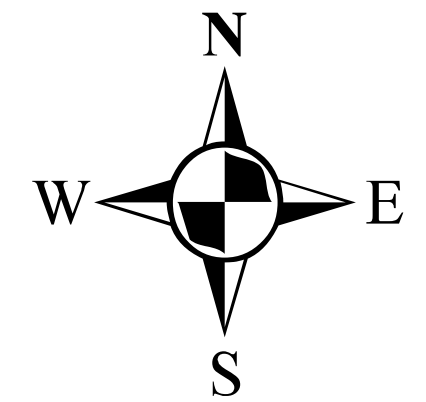
11/15/2014

Figure

1

Legend

- 3 1-Acre Grid Cell
- Brownfield Cleanup Program Site Boundary
- Fashion Outlets Of Niagara Falls Site Boundary



Notes:

- Aerial basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online. Source of aerial imagery is US-NY-Buffered from 15 April 2011.
- The site boundary is based on the Topographic Survey prepared by Stantec Consulting Services, Inc. last updated on February 21, 2013 and Drawing No. V-14 titled Exhibit D - Brownfield Cleanup Program Parcel prepared by Stantec Consulting Services Inc. dated April 16, 2013.
- The following proposed soil borings were converted to test pits due to field conditions: LSB-31, LSB-33, LSB-37, LSB-38, LSB-39, LSB-44, LSB-45, LSB-50, LSB-51, LSB-52, LSB-53, LSB-54, LSB-55, LSB-56, LSB-58, LSB-60, LSB-62, LSB-63.
- The following proposed test pits were converted to soil borings due to field conditions: LTP-1, LTP-2, LTP-3, LTP-13, LTP-45.
- The following proposed soil gas samples were not collected due to the presence of water in the probe: LSV-1, LSV-3, LSV-4, LSV-6, LSV-7, LSV-8, LSV-10.
- This plan should be reviewed as a color copy as the sample locations are color coordinated.

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 MISSOURI MISSISSIPPI
 Langan Engineering, Architecture, Planning and Construction, a Division of
 Langan Infrastructure Group, Inc.
 REGISTRATION NO. 140091401
 NYS CERTIFICATE OF AUTHORIZATION NO. 245479660

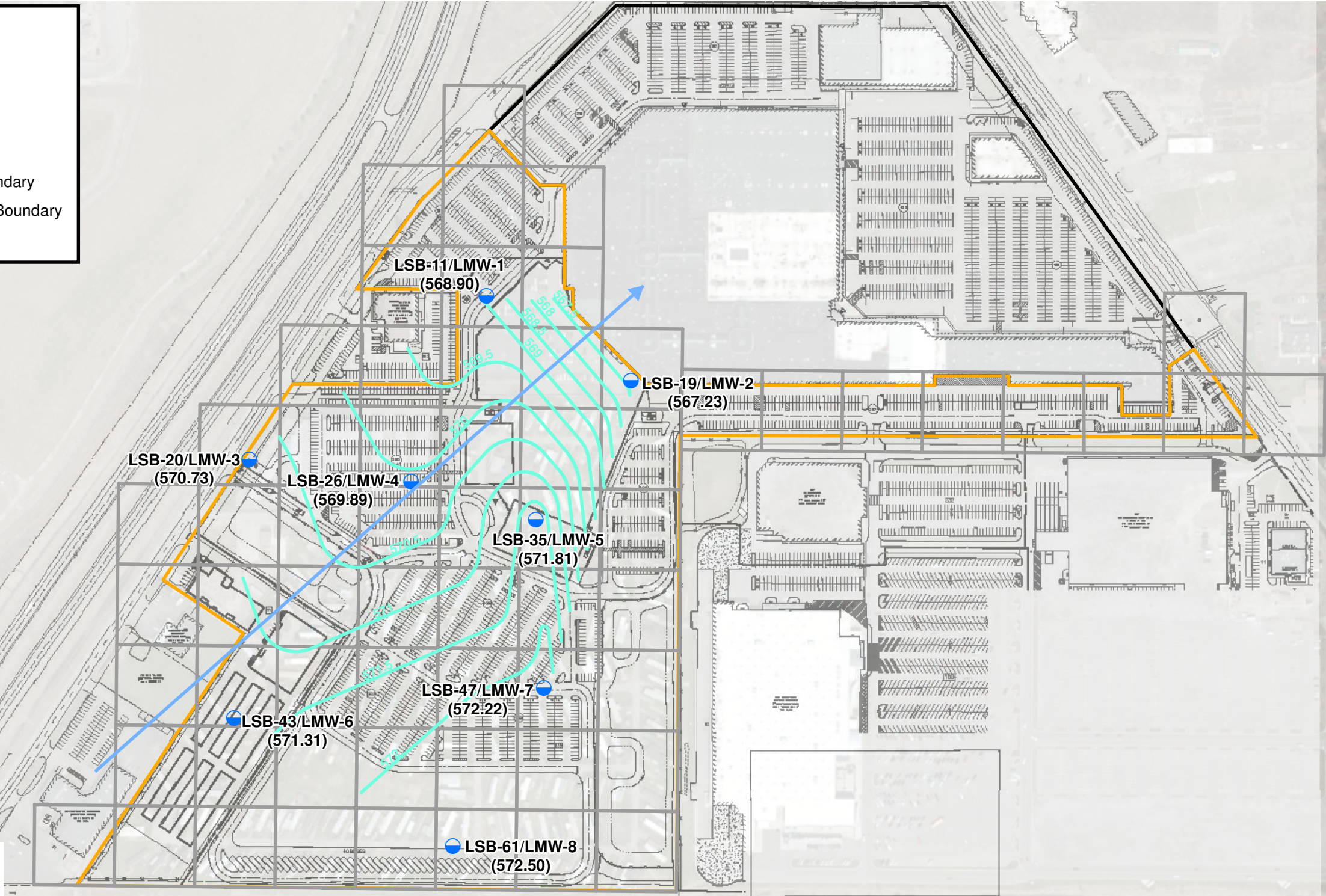
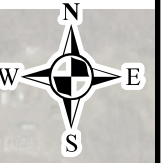
Project: **FONF Expansion/ Sabre Park BCP**
 TOWN OF NIAGARA
 NIAGARA COUNTY NEW YORK

Drawing Title: **SITE LAYOUT MAP**

Project No.	140091401	Figure	2
Date	11/15/2014		
Scale	1" = 80'		
Drawn By	JH		
Last Revised	11/15/2014		

Legend

- July 2013 Groundwater Contours
- Groundwater Flow Direction
- Monitoring Well
- 1-Acre Grid Cell
- Brownfield Cleanup Program Site Boundary
- Fashion Outlets Of Niagara Falls Site Boundary
- (571.30) Groundwater Elevation (ft MSL)



Notes:
 1. The site boundary is based on the Topographic Survey prepared by Stantec Consulting Services, Inc. last updated on February 21, 2013 and Drawing No. V-14 titled Exhibit D - Brownfield Cleanup Program Parcel prepared by Stantec Consulting Services Inc. dated April 16, 2013.
 2. The basemap was provided by Stantec Consulting Services, Inc. on August 27, 2014 and is identified as Drawing CS 100 - Overall Site Plan.
 3. Sample locations were surveyed by Langan July 3, 2013 with a Trimble RTK GPS Unit, referencing the New York State Department of Transportation (NYSDOT) cooperative base station network.
 4. This plan should be reviewed as a color copy as the sample locations are color coordinated.
WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.



Source: Esri; DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

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Project

**FONF Expansion/
 Sabre Park BCP**

TOWN OF NIAGARA

NIAGARA COUNTY

Drawing Title

**GROUNDWATER
 CONTOUR MAP**

NEW YORK

Project No.
140091401

Date
11/14/2014

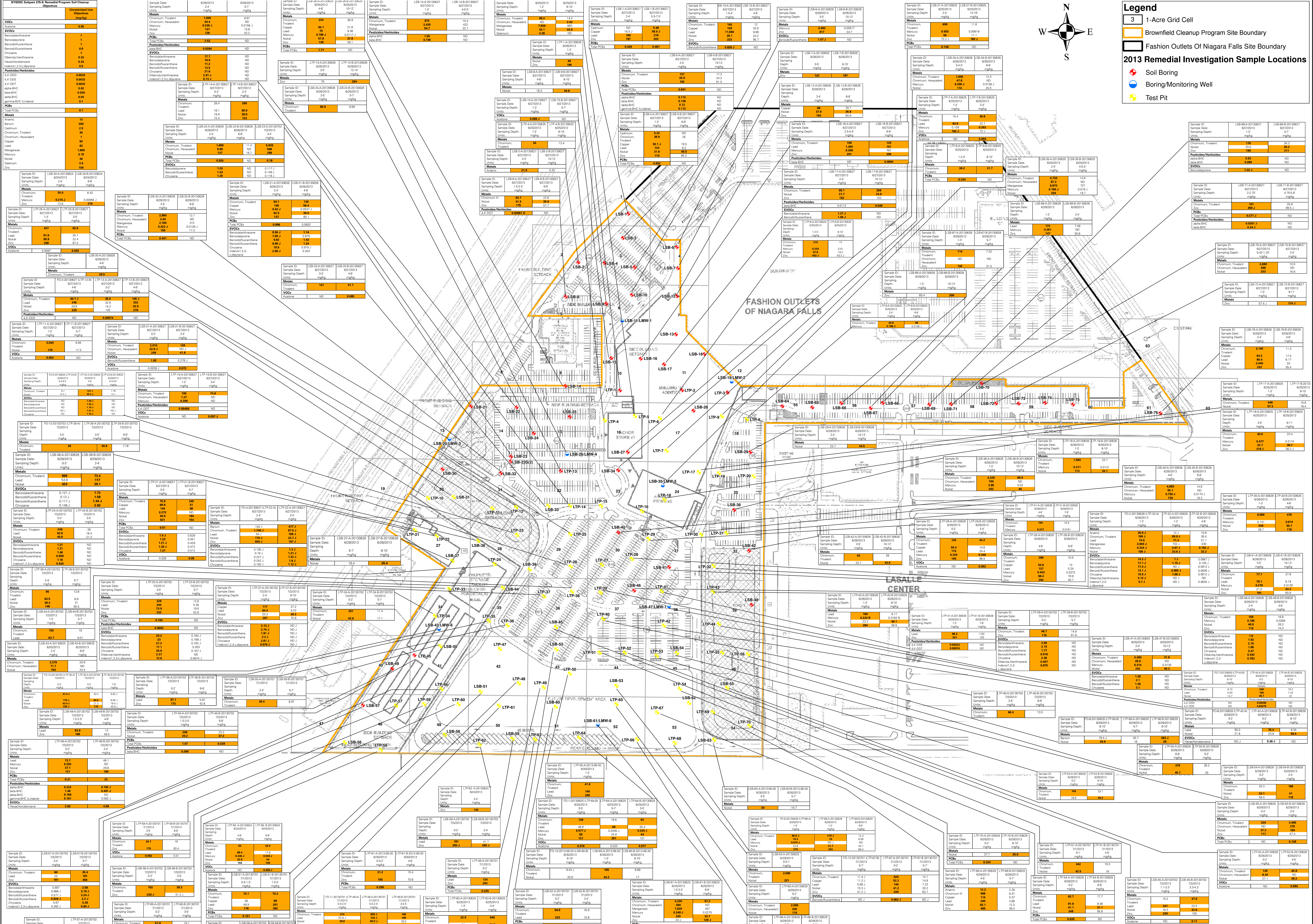
Scale
1"=300'

Drawn By
JPH

Submission Date
11/15/2014

Figure

3

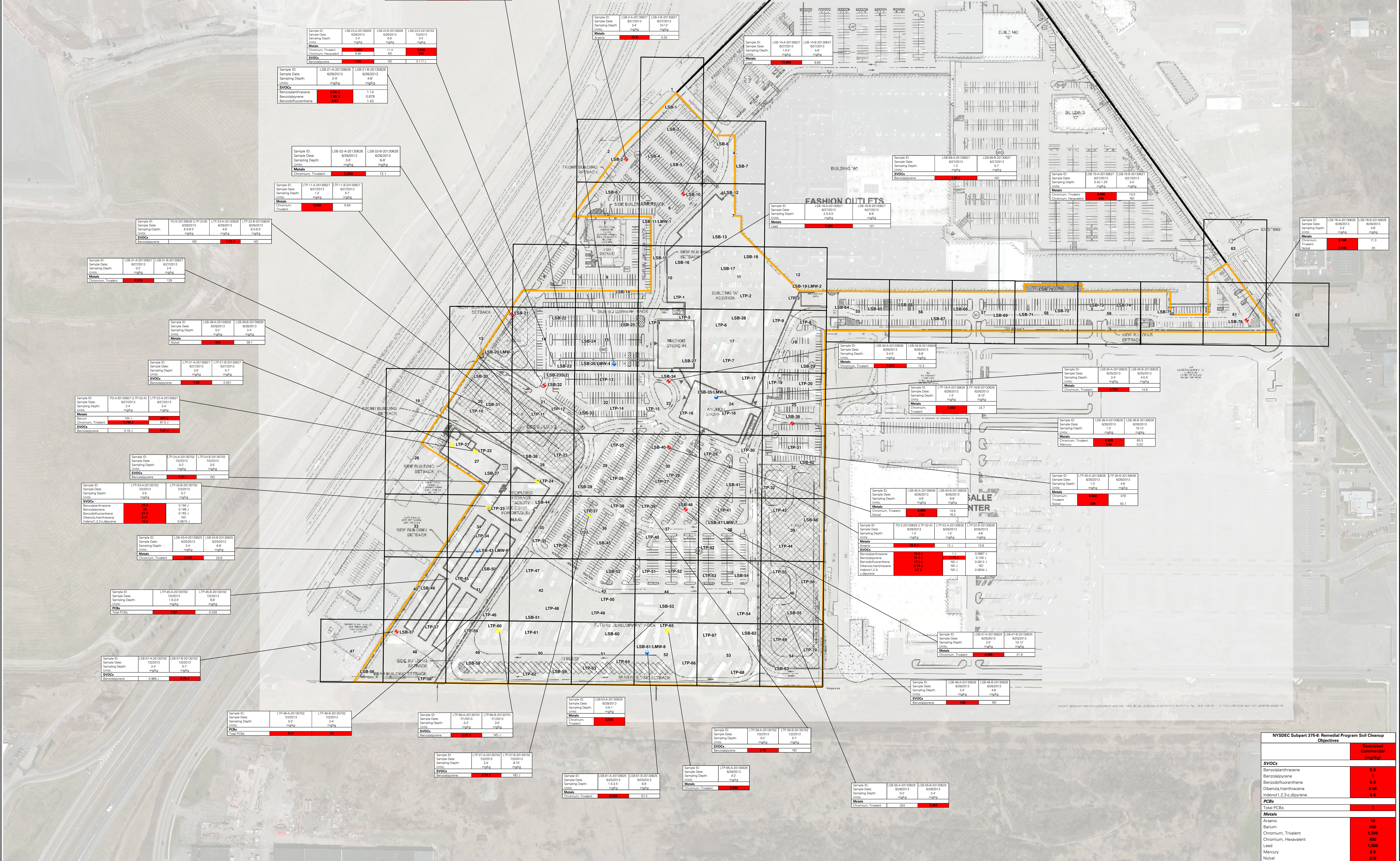
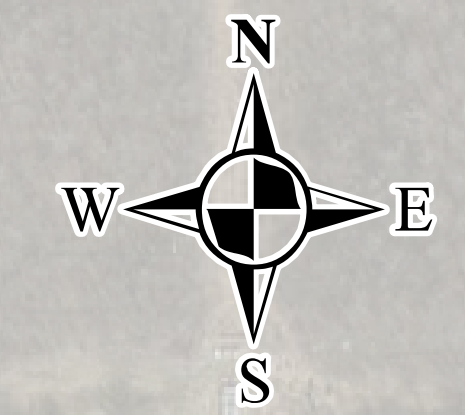


Legend

- 3 1-Acre Grid Cell
- Brownfield Cleanup Program Site Boundary
- Fashion Outlets Of Niagara Falls Site Boundary

2013 Remedial Investigation Sample Locations

- Soil Boring
- Boring/Monitoring Well
- Test Pit



Notes:
 1. Aerial base map is provided through Langran's Esri ArcGIS software licensing and ArcGIS online. Source official imagery is US-Air Buffalo from 15 April 2011.
 2. The site boundary is based on the Topographic Survey prepared by Stancic Consulting Services Inc. dated February 21, 2013 and Drawing No. V-14 titled Exhibit D - Brownfield Cleanup Program Parcel prepared by Stancic Consulting Services Inc. dated April 16, 2013.
 3. The following proposed soil borings were converted to test pits due to field conditions: LSB-31, LSB-33, LSB-37, LSB-38, LSB-39, LSB-44, LSB-45, LSB-50, LSB-51, LSB-52, LSB-53, LSB-54, LSB-55, LSB-56, LSB-58, LSB-59, LSB-60, LSB-62, LSB-63.
 4. The following proposed test pits were converted to soil borings due to field conditions: LTP-1, LTP-2, LTP-3, LTP-13, LTP-45.
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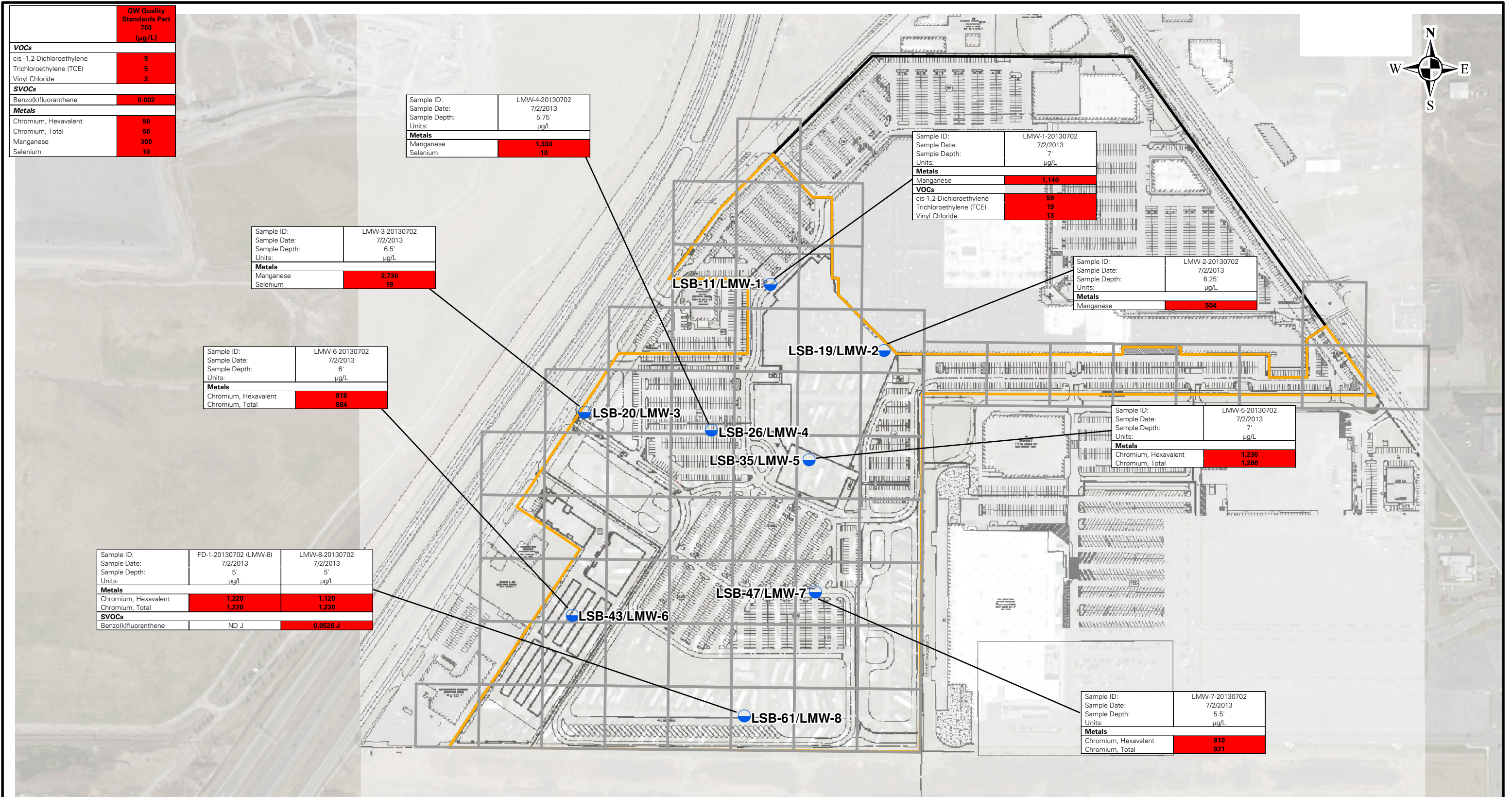


Project: **FONF Expansion/Sabre Park BCP**
 TOWN OF NIAGARA
 NIAGARA COUNTY, NEW YORK

Drawing Title: **RESTRICTED INVESTIGATION SOIL EXCEEDANCE SUMMARY**

NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives		Restricted Commercial (mg/kg)
SVOCs		
Benzolanthracene		5.0
Benzo[a]pyrene		1.0
Benzo[b]fluoranthene		5.0
Dibenz[a,h]anthracene		0.84
Indeno[1,2,3-c]pyrene		5.0
PCBs		
Total PCBs		1
Metals		
Asbestos		10
Barium		400
Chromium, Trivalent		1,500
Chromium, Hexavalent		400
Lead		1,000
Mercury		2.8
Nickel		310

Project No: 140091401
 Date: 7/18/2014
 Scale: 1"=100'
 Drawn By: JPH
 Submission Date: 11/15/2014
 Figure: **4b**



Legend

- Monitoring Well
- 1-Acre Grid Cell
- Brownfield Cleanup Program Site Boundary
- Fashion Outlets Of Niagara Falls Site Boundary



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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

**FONF Expansion/
Sabre Park BCP**

TOWN OF NIAGARA

NIAGARA COUNTY NEW YORK

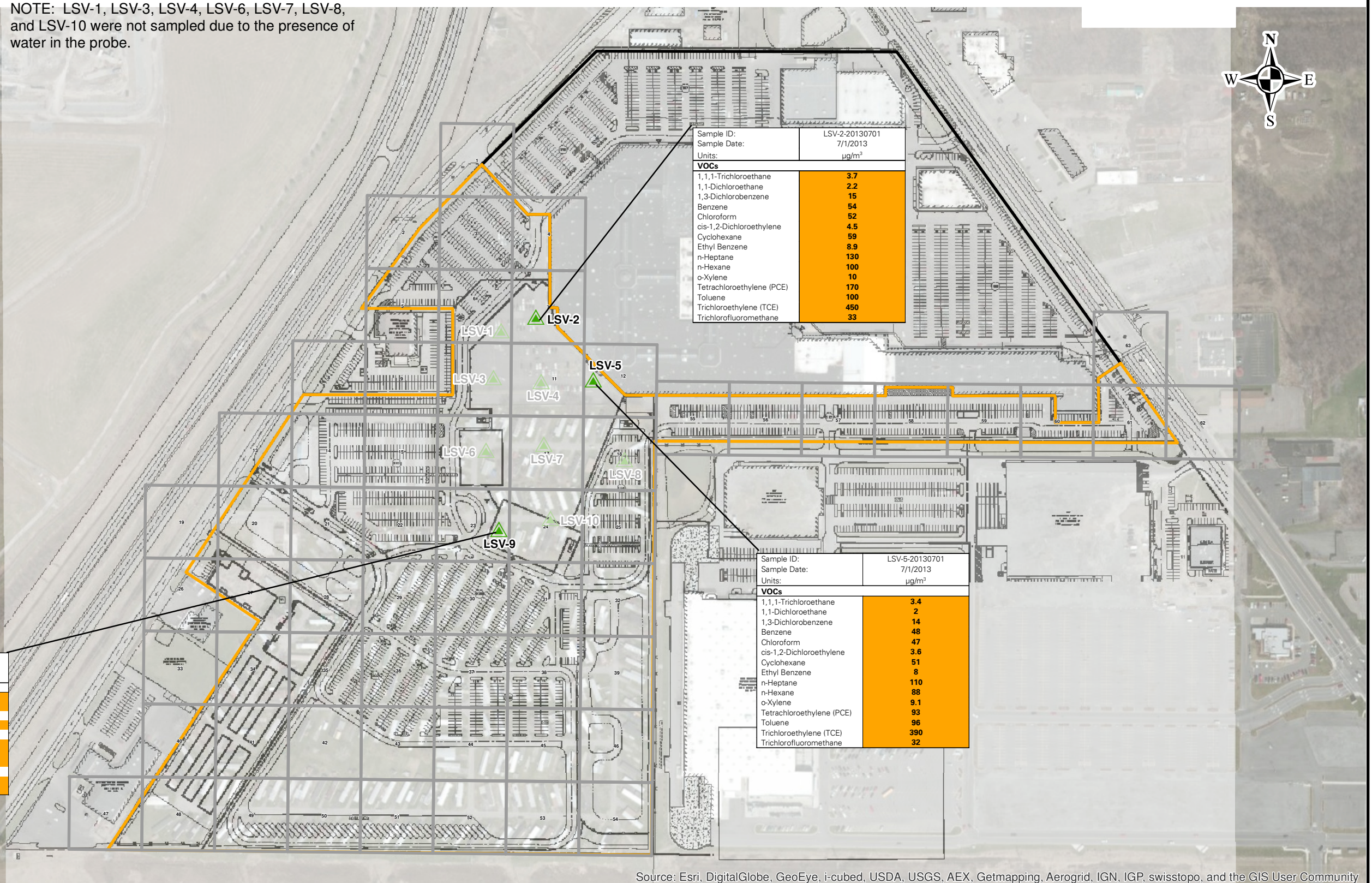
Drawing Title

**REMEDIAL
INVESTIGATION
GROUNDWATER
EXCEEDANCE
SUMMARY**

Project No.	140091401	Figure	5
Date	11/14/2014		
Scale	1"=300'		
Drawn By	JPH		
Submission Date	11/15/2014		

New York State Department of Health Outdoor Vapor Upper Fence Criteria	
	Soil Gas (ug/m ³)
VOCs	
1,1,1-Trichloroethane	2.5
1,1-Dichloroethane	0.4
1,3-Dichlorobenzene	0.5
2-Butanone	16
4-Methyl-2-pentanone	1.9
Benzene	13
Chlorobenzene	0.4
Chloroform	1.2
cis-1,2-Dichloroethylene	0.4
Cyclohexane	6.3
Ethyl Benzene	6.4
Methylene chloride	16
n-Heptane	18
n-Hexane	14
o-Xylene	7.1
Tetrachloroethylene (PCE)	2.5
Tetrahydrofuran	0.8
Toluene	57
Trichloroethylene (TCE)	0.5
Trichlorofluoromethane	12

NOTE: LSV-1, LSV-3, LSV-4, LSV-6, LSV-7, LSV-8, and LSV-10 were not sampled due to the presence of water in the probe.



Sample ID:	FD-2-20130702 (LSV-9)	LSV-9-20130702
Sample Date:	7/2/2013	7/2/2013
Units:	ug/m ³	ug/m ³
VOCs		
Benzene	34	32
Chloroform	31	29
cis-1,2-Dichloroethylene	7.9	ND
Cyclohexane	34	32
Methylene chloride	16	14
n-Heptane	76	69
n-Hexane	60	55
Tetrachloroethylene (PCE)	1,300	1,100
Toluene	59	56
Trichloroethylene (TCE)	400	360
Trichlorofluoromethane	24	20

Sample ID:	LSV-2-20130701
Sample Date:	7/1/2013
Units:	ug/m ³
VOCs	
1,1,1-Trichloroethane	3.7
1,1-Dichloroethane	2.2
1,3-Dichlorobenzene	15
Benzene	54
Chloroform	52
cis-1,2-Dichloroethylene	4.5
Cyclohexane	59
Ethyl Benzene	8.9
n-Heptane	130
n-Hexane	100
o-Xylene	10
Tetrachloroethylene (PCE)	170
Toluene	100
Trichloroethylene (TCE)	450
Trichlorofluoromethane	33

Sample ID:	LSV-5-20130701
Sample Date:	7/1/2013
Units:	ug/m ³
VOCs	
1,1,1-Trichloroethane	3.4
1,1-Dichloroethane	2
1,3-Dichlorobenzene	14
Benzene	48
Chloroform	47
cis-1,2-Dichloroethylene	3.6
Cyclohexane	51
Ethyl Benzene	8
n-Heptane	110
n-Hexane	88
o-Xylene	9.1
Tetrachloroethylene (PCE)	93
Toluene	96
Trichloroethylene (TCE)	390
Trichlorofluoromethane	32

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

- Soil Vapor Sample Location
- 1-Acre Grid Cell
- Brownfield Cleanup Program Site Boundary
- Fashion Outlets Of Niagara Falls Site Boundary



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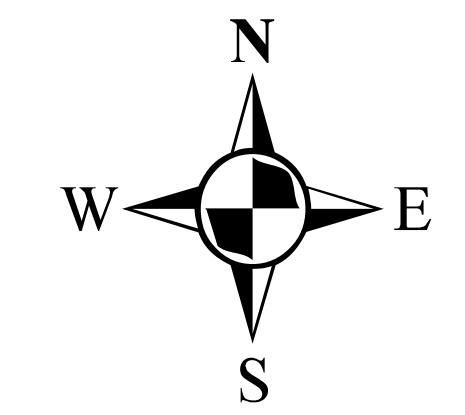
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
**FONF Expansion/
 Sabre Park BCP**
 TOWN OF NIAGARA

NIAGARA COUNTY NEW YORK

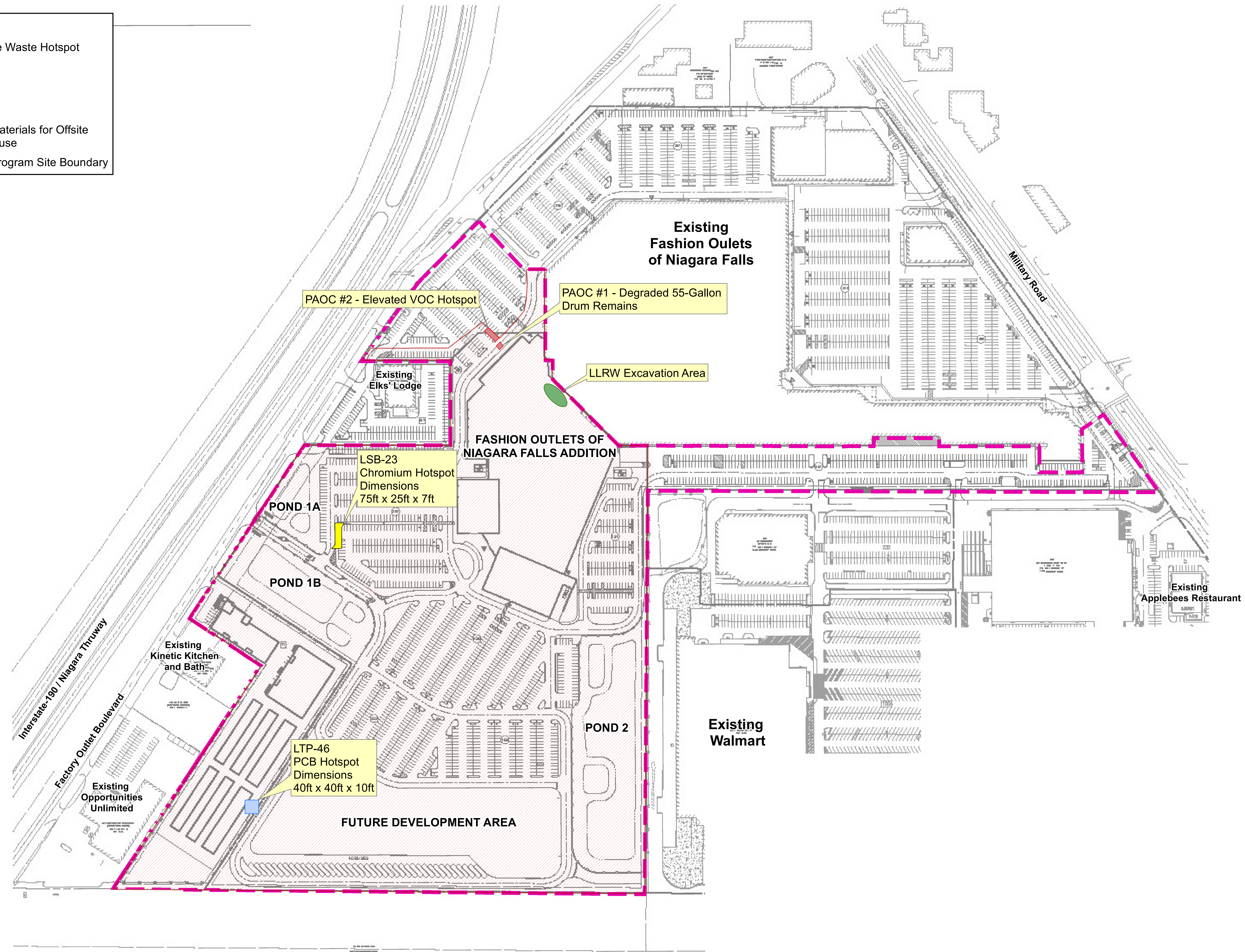
Drawing Title
**REMEDIAL
 INVESTIGATION
 SOIL VAPOR SUMMARY**

Project No.	140091401	Figure 6
Date	11/14/2014	
Scale	1"=300'	
Drawn By	JPH	
Submission Date	11/15/2014	



Legend

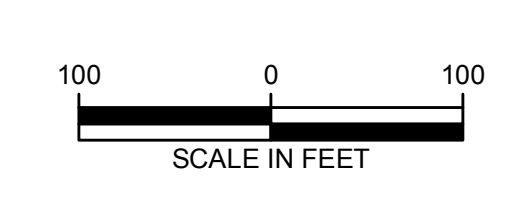
- Low Level Radioactive Waste Hotspot
- Chromium Hotspot
- PCB Hotspot
- PAOC #1 and #2
- Areas of Excavated Materials for Offsite Disposal or Onsite Reuse
- Brownfield Cleanup Program Site Boundary



Notes:

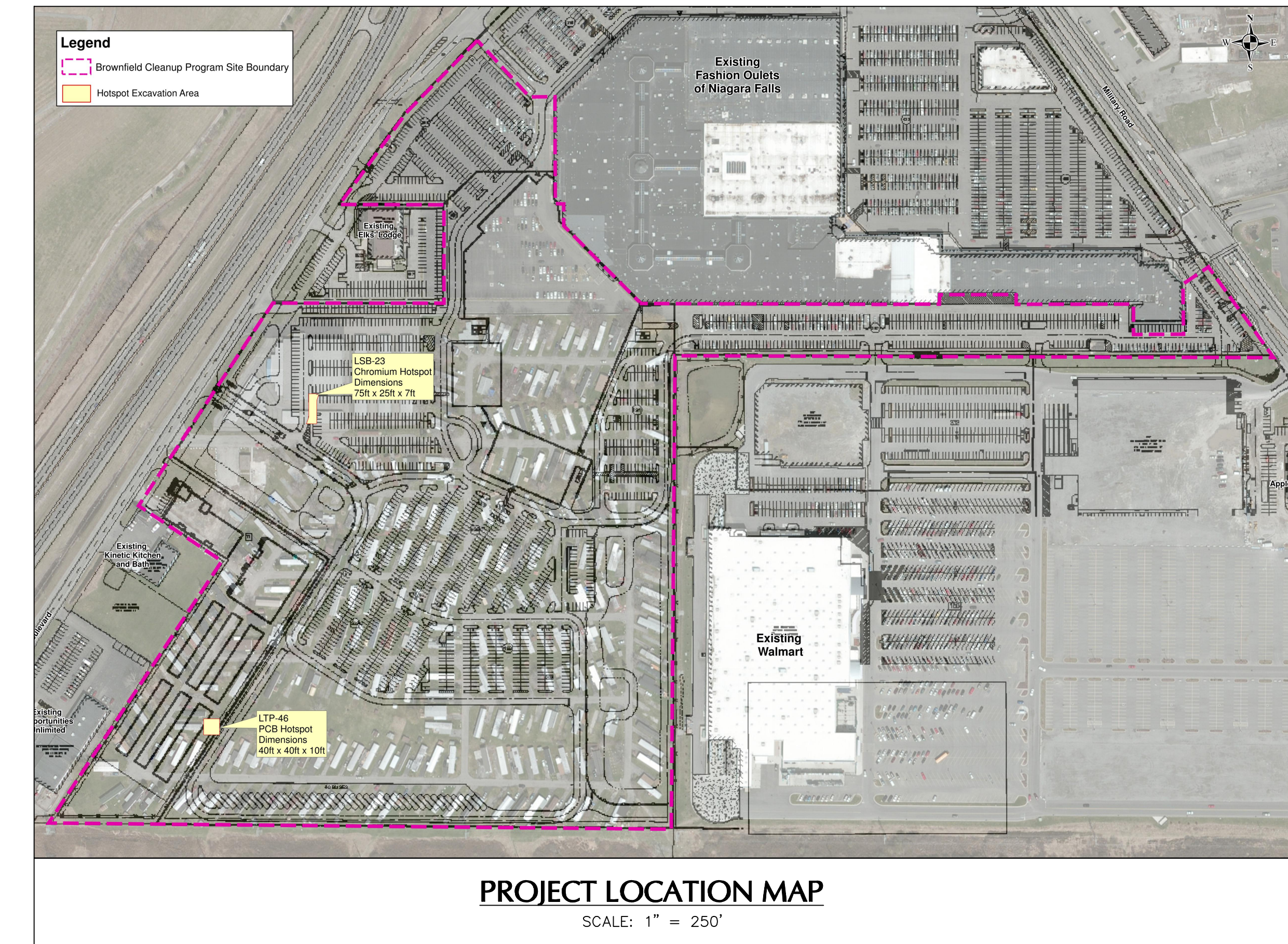
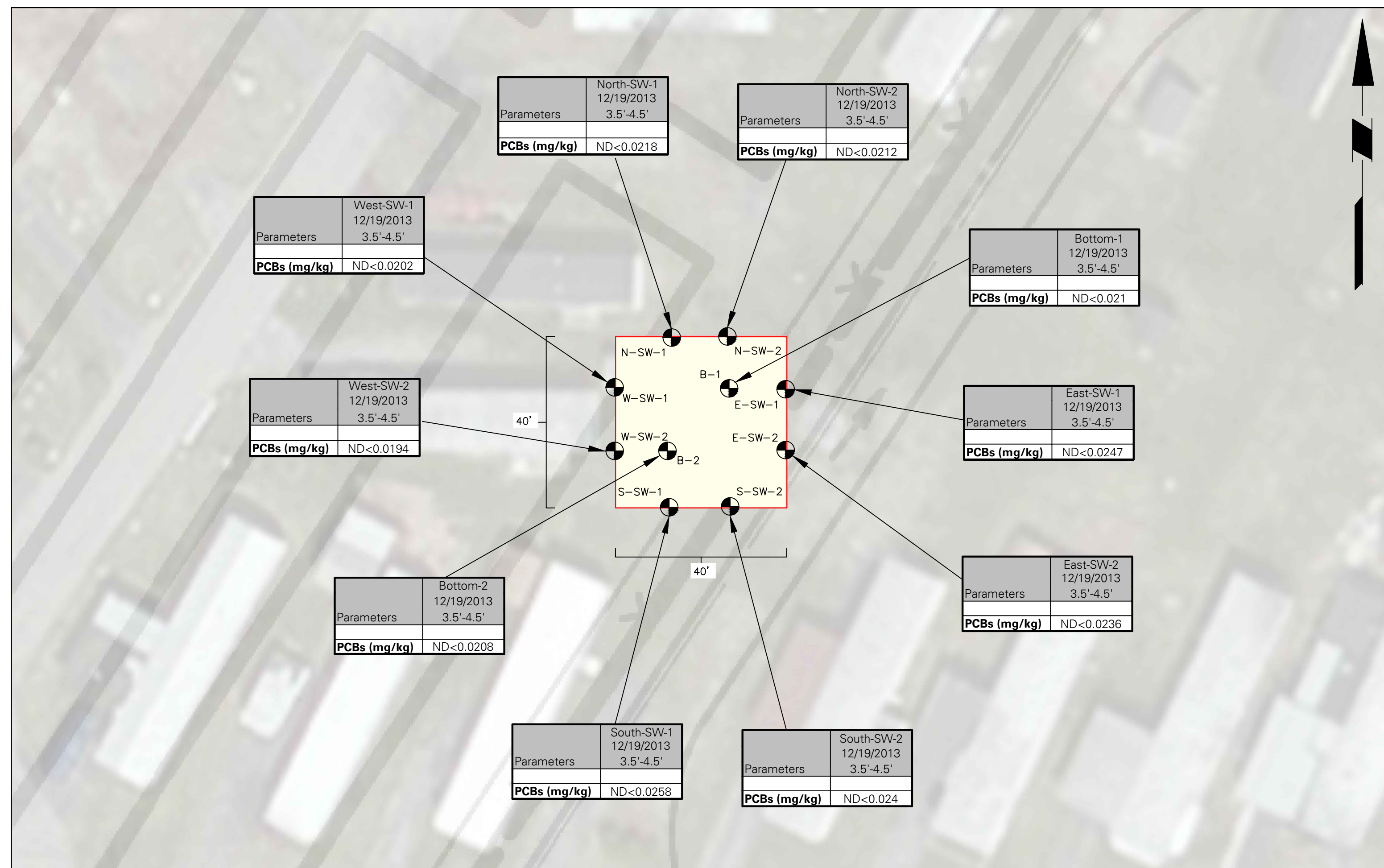
1. The site boundary is based on the Topographic Survey prepared by Stantec Consulting Services, Inc. last updated on February 21, 2013 and Drawing No. V-14 titled Exhibit D - Brownfield Cleanup Program Parcel prepared by Stantec Consulting Services Inc. dated April 16, 2013.
2. The basemap was provided by Stantec Consulting Services, Inc. on August 27, 2014 and is identified as Drawing CS 100 - Overall Site Plan.
3. This plan should be reviewed as a color copy as the sample locations are color coordinated.

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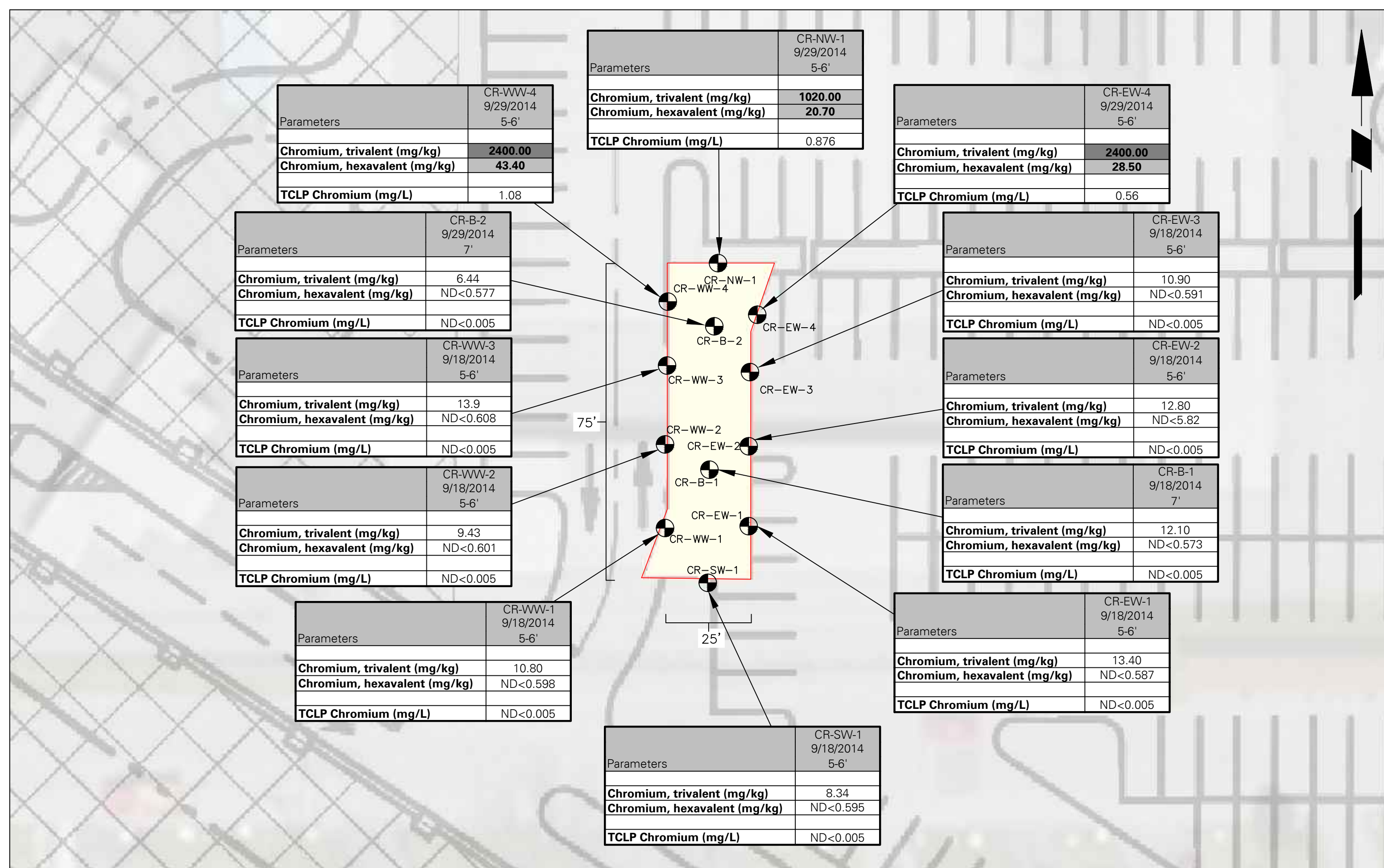


	Project FONF Expansion/ Sabre Park BCP TOWN OF NIAGARA NIAGARA COUNTY NEW YORK	Drawing Title REMEDIAL ACTION SITE PLAN	Project No. 140091401 Date 11/14/2014 Scale 1" = 100' Drawn By JPH Submission Date 11/15/2014	7
	River Street Offices: 1, 100 River Street, Laramie, WY 82001-1336 T: 307-784-6805 F: 307-784-3396 www.langan.com NEW JERSEY NEW YORK OHIO CALIFORNIA PENNSYLVANIA CONNECTICUT FLORIDA WASHINGTON STATE TEXAS DUBAI ISTANBUL			
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PCBs EXCEEDING 10-PPM HOTSPOT



HAZARDOUS CHROMIUM HOTSPOT



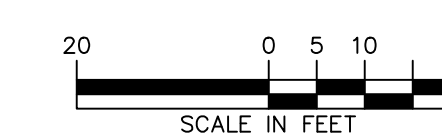
Compound	NYSDEC Subpart 375-6: Remedial Program Soil Cleanup Objectives		RCRA Hazardous Waste Criteria
	Unrestricted Use	Restricted Commercial	
PCBs (mg/kg)	0.1	1	—
Trivalent Chromium (mg/kg)	30	1500	—
Hexavalent Chromium (mg/kg)	1	400	—
TCLP Chromium (mg/L)	—	—	5

Unrestricted Use SCOs Exceedances are Bold and Shaded Lightly
Restricted Commercial SCO Exceedances are Bold and Shaded Darkly

LEGEND

● S-SW-1 POST-EXCAVATION ENDPOINT SAMPLE

- NOTES**
- AERIAL BASEMAP IS PROVIDED THROUGH LANGAN'S ESRI ARCGIS SOFTWARE LICENSING AND ARCGIS ONLINE. SOURCE OF AERIAL IMAGERY IS US-NY-BUFFALO FROM 15 APRIL 2011.
 - THE BASEMAP WAS PROVIDED BY STANTEC CONSULTING SERVICES, INC. ON AUGUST 27, 2014 AND IS IDENTIFIED AS DRAWING CS 100 - OVERALL SITE PLAN.
 - ENDPOINT SOIL SAMPLE RESULTS WERE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION (NYSDEC) TITLE 6 OF THE OFFICIAL RULES AND REGULATIONS (NYCRR) PART 375 RESTRICTED COMMERCIAL USE PROTECTION OF GROUNDWATER AND SOIL CLEANUP OBJECTIVES (SCO).
 - ND = NO DETECTIONS
 - mg/kg = MILLIGRAM PER KILOGRAM
 - PCB = POLYCHLORINATED BIPHENYLS
 - UNRESTRICTED USE SCO EXCEEDANCES ARE BOLD AND LIGHTLY SHADED.
 - RESTRICTED COMMERCIAL USE SCO EXCEEDANCES ARE BOLD AND DARKLY SHADED.
 - THERE WERE NO RCRA HAZARDOUS WASTE CRITERIA EXCEEDANCES.



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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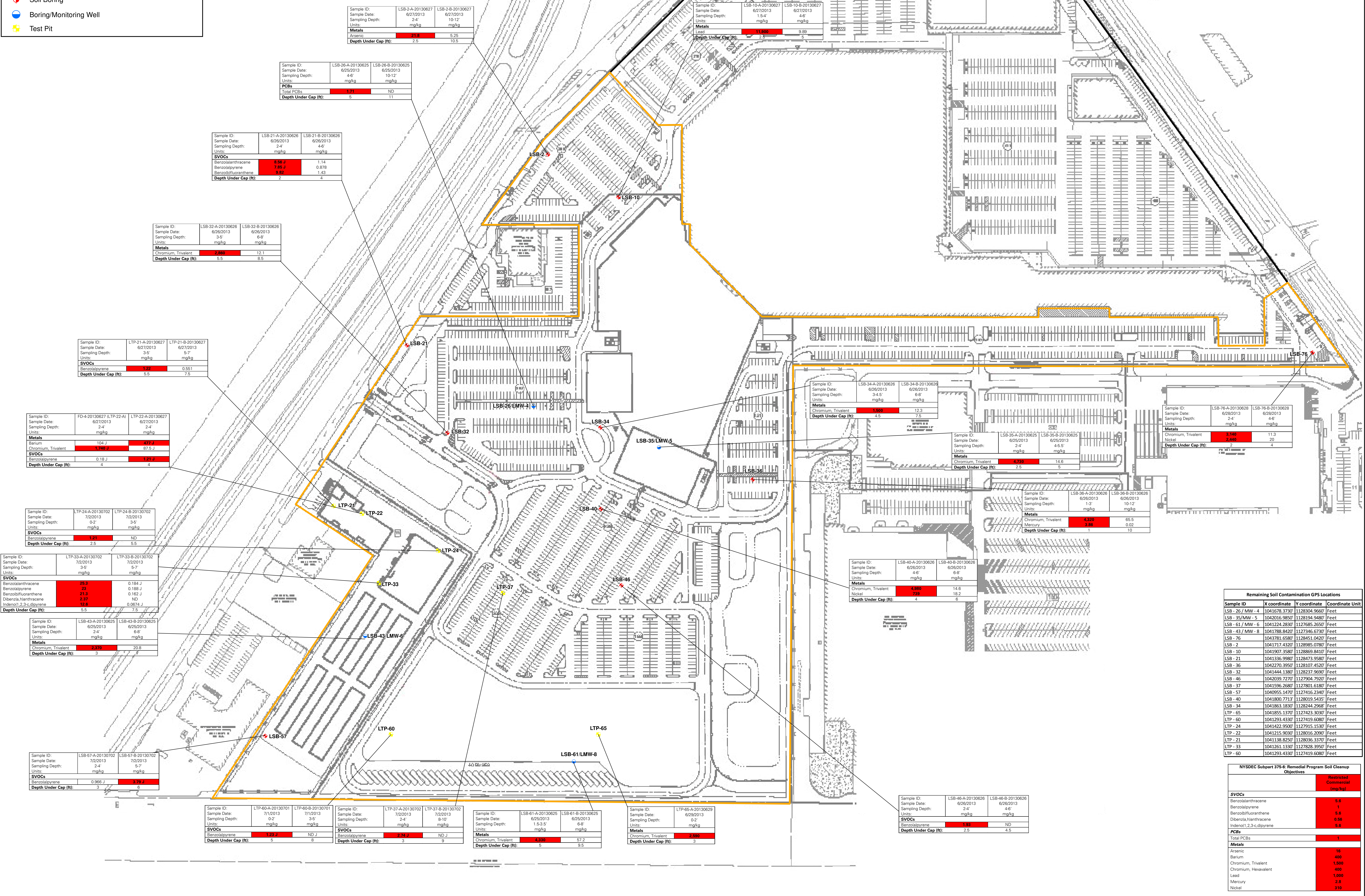
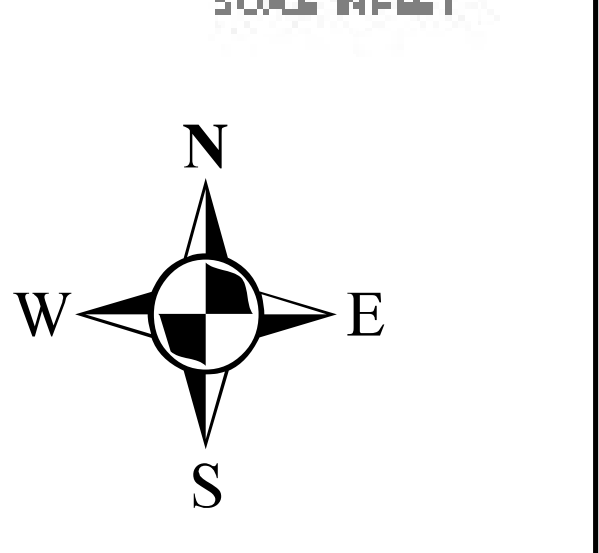
Project
**FONF EXPANSION/
SABRE PARK BCP**
TOWN OF NIAGARA
NEW YORK

Drawing Title
**ENDPOINT SAMPLE
LOCATIONS AND
RESULTS MAP**

Project No. 140091402	Drawing No. 8
Date 11/14/2014	
Scale 1"=20'	
Drawn By JPH	
Submission Date 11/15/2014	Sheet 1 of 1

Legend

- Brownfield Cleanup Program Site Boundary
- Fashion Outlets Of Niagara Falls Site Boundary
- 2013 Remedial Investigation Sample Locations
- Soil Boring
- Boring/Monitoring Well
- Test Pit



Sample ID:	LSB-2-A-20130627	LSB-2-B-20130627
Sample Date:	6/27/2013	6/27/2013
Sampling Depth:	2'-4"	10'-12"
Units:	mg/kg	mg/kg
Metals		
Lead	11,400	9,890
Depth Under Cap (ft):	2.5	10.5

Sample ID:	LSB-26-A-20130625	LSB-26-B-20130625
Sample Date:	6/26/2013	6/26/2013
Sampling Depth:	4'-6"	10'-12"
Units:	mg/kg	mg/kg
PCBs		
Total PCBs	1.71	ND
Depth Under Cap (ft):	5	11

Sample ID:	LSB-21-A-20130626	LSB-21-B-20130626
Sample Date:	6/26/2013	6/26/2013
Sampling Depth:	2'-4"	4'-6"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)anthracene	9.98 J	1.14
Benzo(a)pyrene	7.86 J	0.678
Benzo(b)fluoranthene	9.82	1.43
Depth Under Cap (ft):	2	4

Sample ID:	LSB-32-A-20130626	LSB-32-B-20130626
Sample Date:	6/26/2013	6/26/2013
Sampling Depth:	3'-5"	6'-8"
Units:	mg/kg	mg/kg
Metals		
Chromium, Trivalent	2,860	12.1
Depth Under Cap (ft):	5.5	8.5

Sample ID:	LTP-21-A-20130627	LTP-21-B-20130627
Sample Date:	6/27/2013	6/27/2013
Sampling Depth:	3'-5"	5'-7"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)pyrene	1.22	0.551
Depth Under Cap (ft):	5.5	7.5

Sample ID:	FD-4-20130627 (LTP-22-A)	LTP-22-A-20130627
Sample Date:	7/2/2013	6/27/2013
Sampling Depth:	2'-4"	2'-4"
Units:	mg/kg	mg/kg
Metals		
Barium	104 J	477 J
Chromium, Trivalent	1,740 J	87.5 J
SVOCs		
Benzo(a)pyrene	0.18 J	1.21 J
Depth Under Cap (ft):	4	4

Sample ID:	LTP-24-A-20130702	LTP-24-B-20130702
Sample Date:	7/2/2013	7/2/2013
Sampling Depth:	3'-5"	5'-7"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)pyrene	1.21	ND
Depth Under Cap (ft):	2.5	5.5

Sample ID:	LTP-33-A-20130702	LTP-33-B-20130702
Sample Date:	7/2/2013	7/2/2013
Sampling Depth:	3'-5"	5'-7"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)anthracene	29.3	0.184 J
Benzo(a)pyrene	31	0.188 J
Benzo(b)fluoranthene	21.3	0.162 J
Dibenz(a,h)anthracene	2.37	ND
Indeno(1,2,3-c,d)pyrene	14.4	0.0614 J
Depth Under Cap (ft):	5.5	7.5

Sample ID:	LSB-43-A-20130625	LSB-43-B-20130625
Sample Date:	6/25/2013	6/25/2013
Sampling Depth:	2'-4"	6'-8"
Units:	mg/kg	mg/kg
Metals		
Chromium, Trivalent	2,370	20.8
Depth Under Cap (ft):	3	7

Sample ID:	LSB-57-A-20130702	LSB-57-B-20130702
Sample Date:	7/2/2013	7/2/2013
Sampling Depth:	2'-4"	5'-7"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)pyrene	0.966 J	3.78 J
Depth Under Cap (ft):	3	7

Sample ID:	LTP-60-A-20130701	LTP-60-B-20130701
Sample Date:	7/1/2013	7/1/2013
Sampling Depth:	0'-2"	3'-5"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)pyrene	1.84 J	ND J
Depth Under Cap (ft):	5	8

Sample ID:	LTP-37-A-20130702	LTP-37-B-20130702
Sample Date:	7/2/2013	7/2/2013
Sampling Depth:	2'-4"	5'-10"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)pyrene	2.24 J	ND J
Depth Under Cap (ft):	3	9

Sample ID:	LSB-61-A-20130625	LSB-61-B-20130625
Sample Date:	6/25/2013	6/25/2013
Sampling Depth:	1'-3.5"	6'-8"
Units:	mg/kg	mg/kg
Metals		
Chromium, Trivalent	4,330	67.2
Depth Under Cap (ft):	5	9.5

Sample ID:	LTP-65-A-20130629	LTP-65-B-20130629
Sample Date:	6/29/2013	6/29/2013
Sampling Depth:	0'-2"	4'-6"
Units:	mg/kg	mg/kg
Metals		
Chromium, Trivalent	2,670	ND
Depth Under Cap (ft):	3	4.5

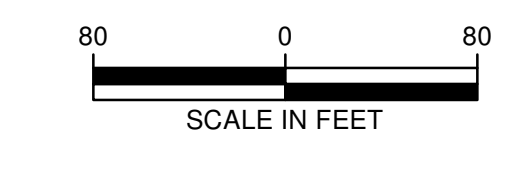
Sample ID:	LSB-46-A-20130626	LSB-46-B-20130626
Sample Date:	6/26/2013	6/26/2013
Sampling Depth:	2'-4"	4'-6"
Units:	mg/kg	mg/kg
SVOCs		
Benzo(a)pyrene	1.83	ND
Depth Under Cap (ft):	2.5	4.5

Sample ID:	LSB-76-A-20130628	LSB-76-B-20130628
Sample Date:	6/28/2013	6/28/2013
Sampling Depth:	2'-4"	4'-6"
Units:	mg/kg	mg/kg
Metals		
Chromium, Trivalent	3,140	11.3
Nickel	2,440	20
Depth Under Cap (ft):	4	4

Sample ID	X coordinate	Y coordinate	Coordinate Unit
LSB- 26 / MW - 4	1041678.3707	1128304.9667	Feet
LSB- 35/MW - 5	1042016.9850	1128194.9487	Feet
LSB- 61 / MW - 6	1041224.2830	1127685.2650	Feet
LSB- 43 / MW - 8	1041788.8420	1127346.6730	Feet
LSB- 76	1043781.6587	1128451.0420	Feet
LSB- 2	1041717.4320	1128965.0783	Feet
LSB- 10	1041907.3580	1128869.8410	Feet
LSB- 21	1041336.9980	1128473.9580	Feet
LSB- 36	1042270.3950	1128107.4520	Feet
LSB- 46	1042039.7207	1127904.7920	Feet
LSB- 32	1041444.1387	1128237.9690	Feet
LSB- 37	1041596.2687	1127801.6187	Feet
LSB- 57	1040955.4170	1127416.2340	Feet
LSB- 40	1041800.7712	1128019.5435	Feet
LSB- 34	1041863.1830	1128244.2968	Feet
LTP- 65	1041855.1370	1127423.3030	Feet
LTP- 60	1041293.4330	1127419.6080	Feet
LTP- 24	1041422.9507	1127915.1530	Feet
LTP- 22	1041215.9337	1128016.2090	Feet
LTP- 21	1041138.8250	1128036.3707	Feet
LTP- 33	1041261.1330	1127828.3950	Feet
LTP- 60	1041293.4330	1127419.6080	Feet

Objectives	Restricted Commercial (mg/kg)
SVOCs	
Benzo(a)anthracene	5.8
Benzo(a)pyrene	1
Benzo(b)fluoranthene	5.8
Dibenz(a,h)anthracene	0.84
Indeno(1,2,3-c,d)pyrene	5.8
PCBs	
Total PCBs	1
Metals	
Arsenic	16
Barium	400
Chromium, Trivalent	1,500
Chromium, Hexavalent	400
Lead	1,000
Mercury	2.8
Nickel	310

Notes:
 1. The site boundary is based on the Topographic Survey prepared by Stantec Consulting Services, Inc. last updated on February 21, 2013 and Drawing No. V-14 titled Exhibit D - Brownfield Cleanup Program Parcel prepared by Stantec Consulting Services Inc. dated April 16, 2013.
 2. The base map was provided by Stantec Consulting Services, Inc. on August 27, 2014 and is identified as Drawing CS 100 - Overall Site Plan.
 3. Sample locations were surveyed by Langan July 3, 2013 with a Trimble RTK GPS Unit, referencing the New York State Department of Transportation (NYSDOT) cooperative base station network.
 4. This plan should be reviewed as the sample locations are color coordinated.
 WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.

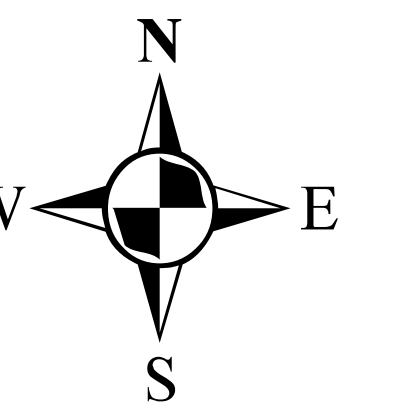


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Project: **FONF Expansion/ Sabre Park BCP**
 TOWN OF NIAGARA
 NIAGARA COUNTY NEW YORK

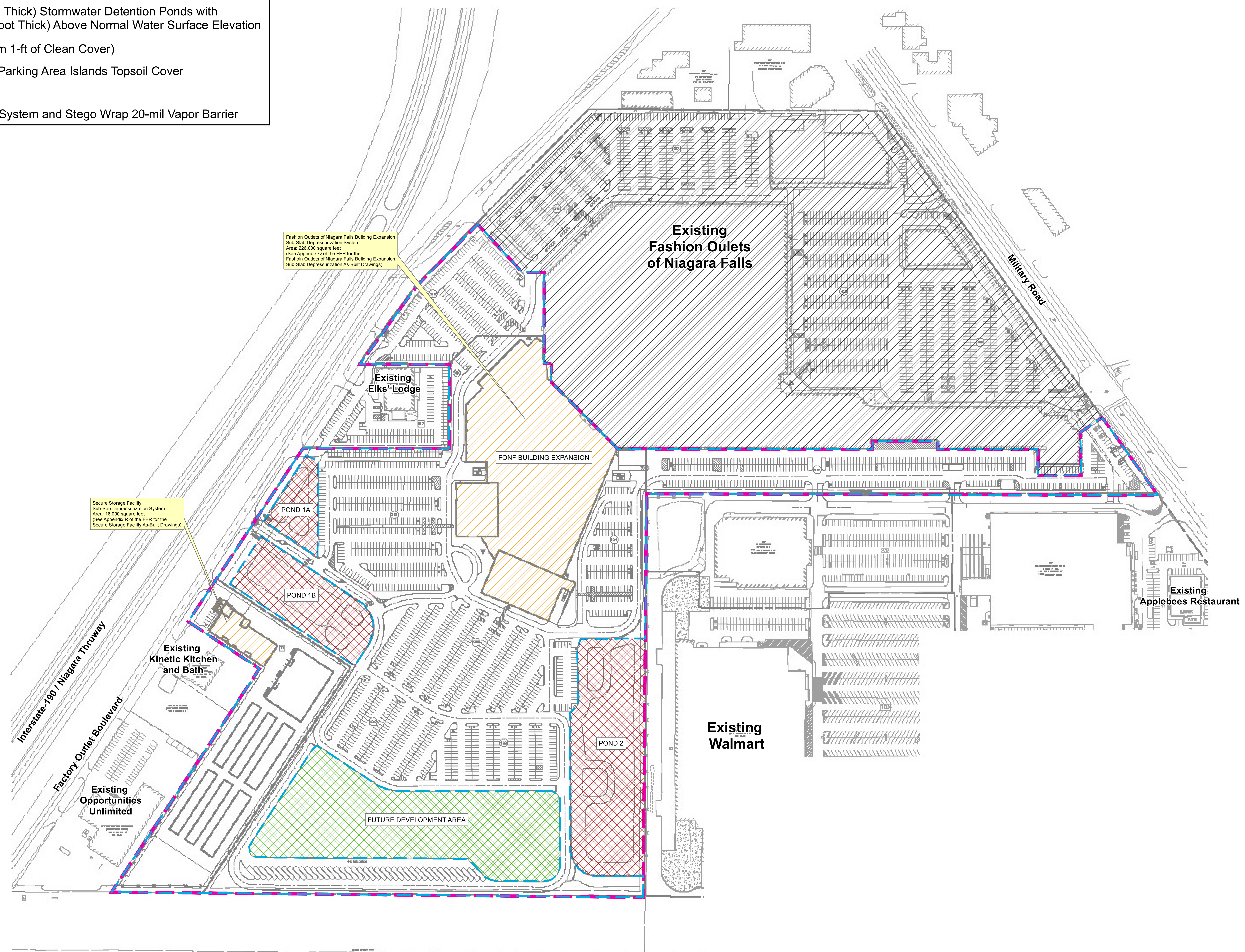
Drawing Title: **LOCATION OF REMAINING SOIL CONTAMINATION ABOVE COMMERCIAL SCOs**

Project No: 140091401
 Date: 11/14/2014
 Scale: 1"= 80'
 Drawn by: JPH
 Submission Date: 11/15/2014
 Figure: **9**



Legend

- Fashion Outlets Of Niagara Falls Site Boundary
- Brownfield Cleanup Program Site Boundary
- Clay Lined (Minimum 6-inch Thick) Stormwater Detention Ponds with Topsoil Cover (Minimum 1-foot Thick) Above Normal Water Surface Elevation
- Landscaped Areas (Minimum 1-ft of Clean Cover)
- Asphalt Cap/Concrete Cap/Parking Area Islands Topsoil Cover (Minimum 1-foot Thick)
- Sub-Slab Depressurization System and Stego Wrap 20-mil Vapor Barrier



Notes:
 1. The site boundary is based on the Topographic Survey prepared by Stantec Consulting Services, Inc. last updated on February 21, 2013 and Drawing No. V-14 titled Exhibit D - Brownfield Cleanup Program Parcel prepared by Stantec Consulting Services Inc. dated April 16, 2013.
 2. The basemap was provided by Stantec Consulting Services, Inc. on August 27, 2014 and is identified as Drawing CS-100 - Overall Site Plan.
 3. This plan should be reviewed as a color copy as the locations are color coordinated.
 WARNING: It is a violation of the NYS Education Law Article 140 for any person, unless he is acting under the direction of a licensed professional engineer, to alter this item in any way.



 <small> River Street Office: 110 River Street, Liverpool, NY 13087-1338 T: 315.794.6505 F: 315.794.3396 www.langan.com NEW JERSEY NEW YORK PENNSYLVANIA CALIFORNIA PENNSYLVANIA CONNECTICUT FLORIDA ILLINOIS TEXAS ARIZONA DUBAI (EMIRATES) LANGAN CONSULTING SERVICES, INC. A Langan Group Company Langan Engineering, Construction, Consulting and Construction America, S.P.A. Langon, Mexico S. de RL de CV LANGAN GROUP INC. (UK) NI CERTIFICATE OF AUTHORIZATION No. 2004278846 </small>	Project FONF Expansion/ Sabre Park BCP TOWN OF NIAGARA NIAGARA COUNTY NEW YORK	Drawing Title LOCATION OF ENGINEERING CONTROLS AND COVER SYSTEM TYPES	Project No. 140091401 Date 11/14/2014 Scale 1"= 100' Drawn By JPH Submission Date 11/15/2014	10
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DIRECTIONS

Drive 1.1 miles, 2 min

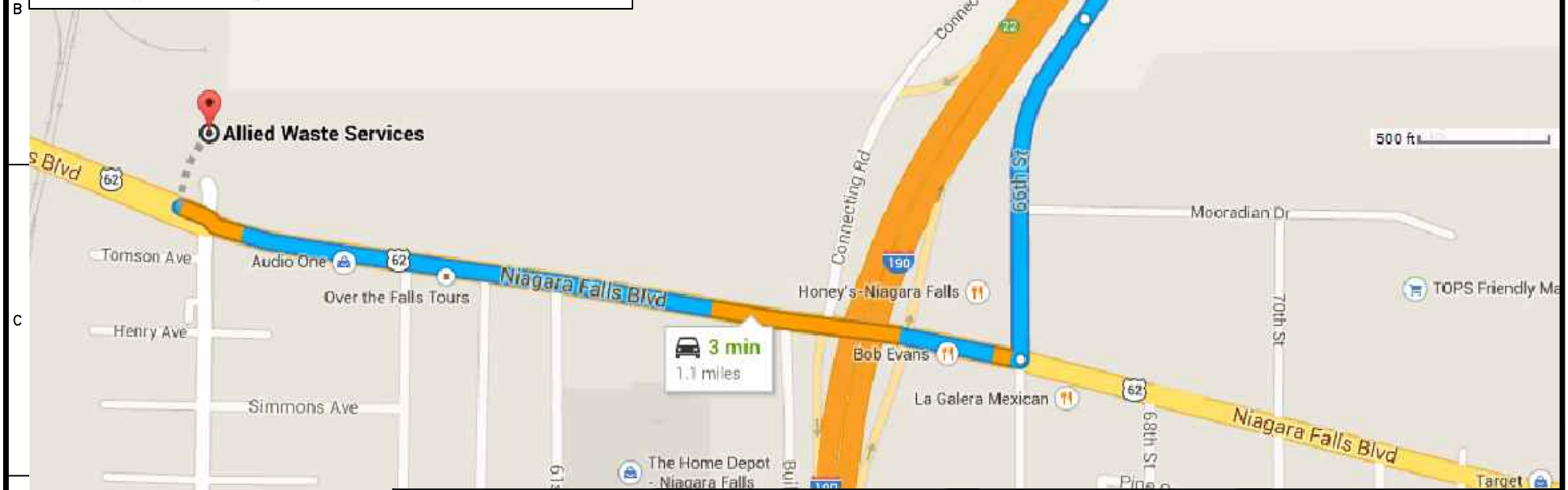
○ Sabre Dr

Niagara Falls, NY 14304

- ↑ 1. Head southwest on Factory Outlet Blvd toward Sabre Park
0.2 mi
- ↑ 2. Continue onto 66th St
0.3 mi
- ↘ 3. Turn right onto Niagara Falls Blvd
0.6 mi
Destination will be on the right

● Allied Waste Services

5600 Niagara Falls Blvd, Niagara Falls, NY 14304



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

LANGAN

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Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC

Collectively known as Langan

Project

FONF Expansion/ Sabre Park BCP

TOWN OF NIAGARA

NIAGARA COUNTY

NEW YORK

Drawing Title

TRUCK TRANSPORT ROUTE - ALLIED WASTE LANDFILL

Project No.

140091402

Date

7/18/2014

Scale

NTS

Drawn By

JEC

Checked By

JPH

Submission Date

11/15/2014

Drawing No.

11a

DIRECTIONS

Drive 8.7 miles, 15 min

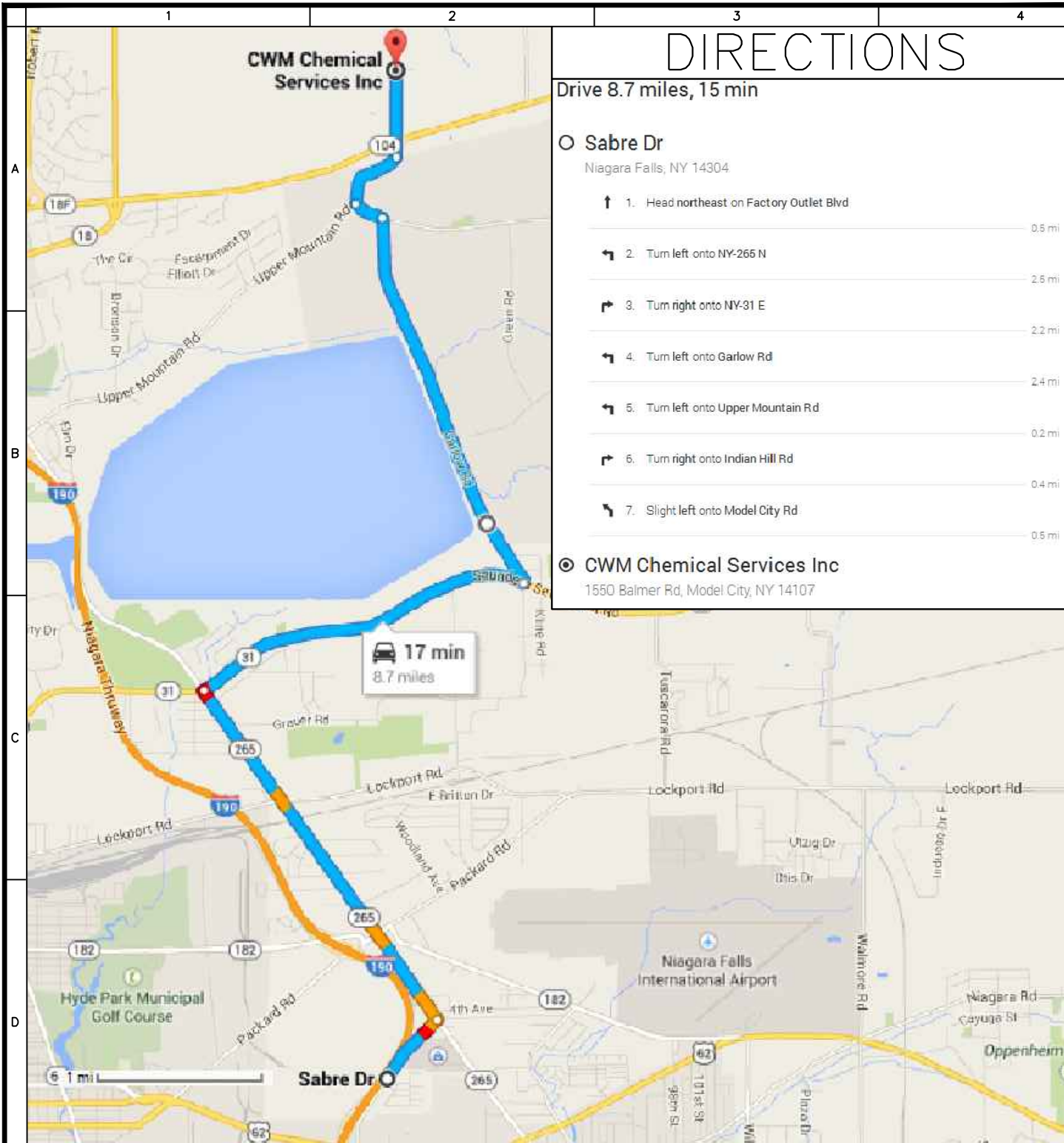
○ Sabre Dr

Niagara Falls, NY 14304

- ↑ 1. Head northeast on Factory Outlet Blvd 0.5 mi
- ↙ 2. Turn left onto NY-266 N 2.6 mi
- ↘ 3. Turn right onto NY-31 E 2.2 mi
- ↙ 4. Turn left onto Garlow Rd 2.4 mi
- ↙ 5. Turn left onto Upper Mountain Rd 0.2 mi
- ↘ 6. Turn right onto Indian Hill Rd 0.4 mi
- ↙ 7. Slight left onto Model City Rd 0.5 mi

◎ CWM Chemical Services Inc

1550 Balmer Rd, Model City, NY 14107



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Project

FONF Expansion/ Sabre Park BCP

TOWN OF NIAGARA

NIAGARA COUNTY NEW YORK

Drawing Title

TRUCK TRANSPORT ROUTE - CHEMICAL WASTE MANAGEMENT LANDFILL

Project No.
140091401

Date
7/18/2014

Scale
NTS

Drawn By
SEC

Checked By
JPH

Submission Date
7/18/2014

Drawing No.

11b

DIRECTIONS

Drive 8.5 miles, 15 min

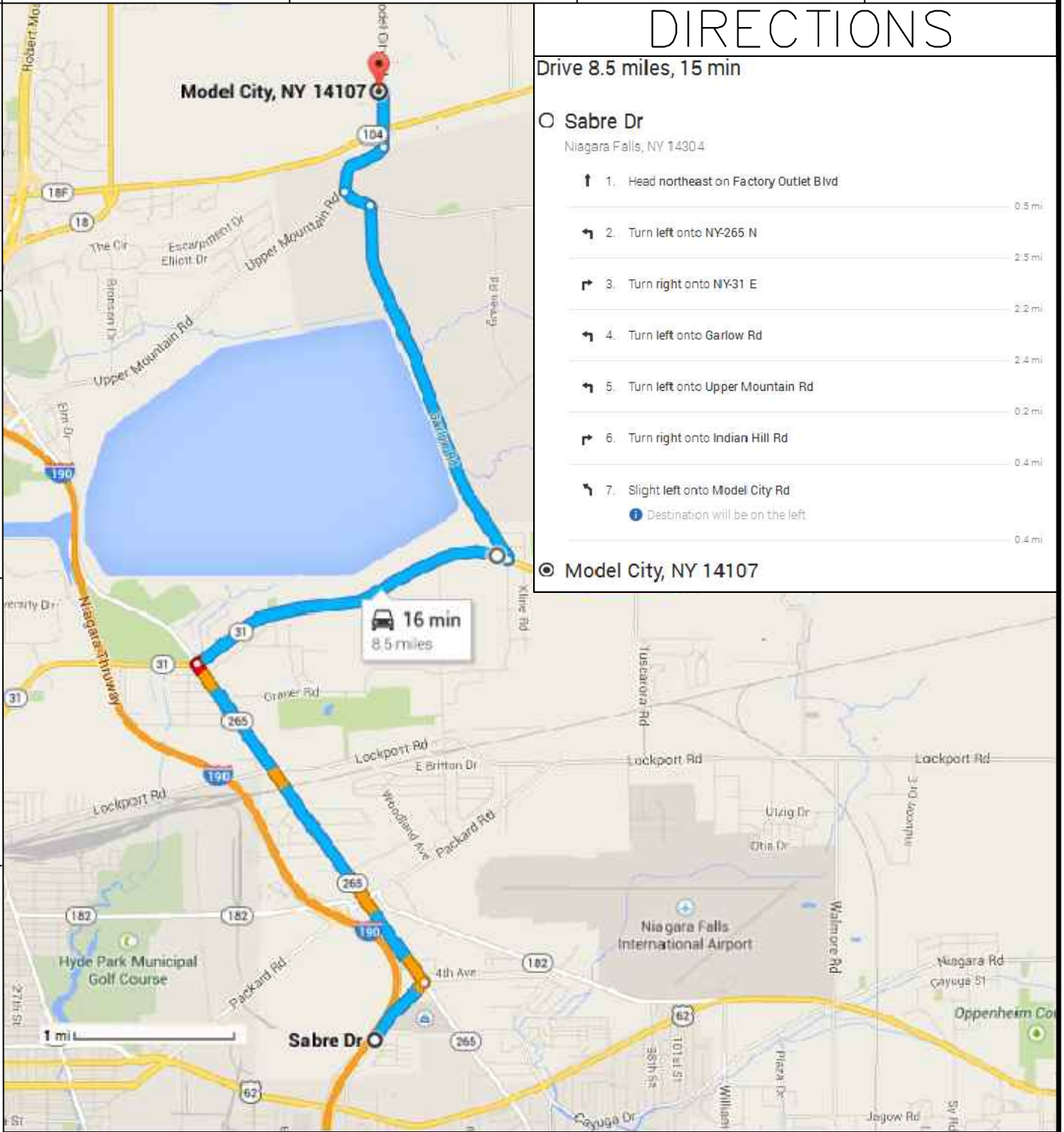
○ Sabre Dr

Niagara Falls, NY 14304

- ↑ 1. Head northeast on Factory Outlet Blvd 0.5 mi
- ↶ 2. Turn left onto NY-265 N 2.5 mi
- ↷ 3. Turn right onto NY-31 E 2.2 mi
- ↶ 4. Turn left onto Garlow Rd 2.4 mi
- ↶ 5. Turn left onto Upper Mountain Rd 0.2 mi
- ↷ 6. Turn right onto Indian Hill Rd 0.4 mi
- ↶ 7. Slight left onto Model City Rd 0.4 mi

📍 Destination will be on the left.

📍 Model City, NY 14107



WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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FONF Expansion/ Sabre Park BCP

TOWN OF NIAGARA

NIAGARA COUNTY NEW YORK

Drawing Title

TRUCK TRANSPORT ROUTE - MODERN LANDFILL

Project No.

140091401

Date

7/18/2014

Scale

NTS

Drawn By

Checked By

SEC

JPH

Submission Date

7/18/2014

Drawing No.

11c