

November 16, 2015

Ms. Kelly Rice
GEI Consultants of Michigan, P.C.
5225 Edgewater Drive
Allendale, MI 49401

Phone: (616) 844-8338

RE: Trace Project T15K073
Client Project Veterans Park Habitat Rest.

Dear Ms. Rice:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

For clients that require NELAC Accreditation, Trace certifies that these test results meet all requirements of the NELAC Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAC at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,



Jon Mink
Senior Project Manager
Enclosures



NJDEP Accreditation No. MI008

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SAMPLE SUMMARY

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T15K073-01	NP1	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-02	NP1 6"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-03	NP1 12"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-04	NP1 18"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-05	NP2	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-06	NP2 6"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-07	NP2 12"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-08	NP2 18"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-09	SP1	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-10	SP1 6"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-11	SP1 12"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-12	SP1 18"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-13	SP2	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-14	SP2 6"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-15	SP2 12"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-16	SP2 18"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-17	SP3	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-18	SP3 6"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-19	SP3 12"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-20	SP3 18"	Soil	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-21	NP1 Water	Aqueous	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-22	NP2 Water	Aqueous	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-23	SP1 Water	Aqueous	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-24	SP2 Water	Aqueous	wkr	11/05/15 11:00	11/05/15 13:21
T15K073-25	SP3 Water	Aqueous	wkr	11/05/15 11:00	11/05/15 13:21

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

NOTE: Samples for volatiles that have been extracted with a water miscible solvent were corrected for the total volume of the solvent/water mixture.

DATA QUALIFIERS

Trace ID: T057597-BLK2

Analysis: EPA 8081A

Decachlorobiphenyl	Note 304 : The primary surrogate (decachlorobiphenyl) recovery for this sample fell outside the laboratory established control limits. The secondary surrogate (tetrachloro-m-xylene) recovery was in control. No data require qualification.
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Trace ID: T057597-BS1

Analysis: EPA 8081A

Decachlorobiphenyl	Note 304 : The primary surrogate (decachlorobiphenyl) recovery for this sample fell outside the laboratory established control limits. The secondary surrogate (tetrachloro-m-xylene) recovery was in control. No data require qualification.
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Trace ID: T057598-BS1

Analysis: EPA 8151A

2,4,5-TP (Silvex)	Note 112 : The LCS recovery was out of control high. Because there were no positive results for this analyte in this QC batch, no data require qualification.
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Trace ID: T057621-BS1

Analysis: EPA 8260B

1,2-Dichloroethane	Note 112 : The LCS recovery was out of control high. Because there were no positive results for this analyte in this QC batch, no data require qualification.
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Carbon tetrachloride	Note 112 : The LCS recovery was out of control high. Because there were no positive results for this analyte in this QC batch, no data require qualification.
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Trace ID: T15K073-01

Analysis: EPA 8081A

Decachlorobiphenyl	Note 304 : The primary surrogate (decachlorobiphenyl) recovery for this sample fell outside the laboratory established control limits. The secondary surrogate (tetrachloro-m-xylene) recovery was in control. No data require qualification.
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Trace ID: T15K073-09

Analysis: EPA 8081A

Decachlorobiphenyl

Note 304 : The primary surrogate (decachlorobiphenyl) recovery for this sample fell outside the laboratory established control limits. The secondary surrogate (tetrachloro-m-xylene) recovery was in control. No data require qualification.

Trace ID: T15K073-17

Analysis: EPA 8081A

Decachlorobiphenyl

Note 304 : The primary surrogate (decachlorobiphenyl) recovery for this sample fell outside the laboratory established control limits. The secondary surrogate (tetrachloro-m-xylene) recovery was in control. No data require qualification.

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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-01 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: NP1 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T057621

Vinyl chloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
2-Butanone	<0.25 mg/L	0.25	50	11/11/15	was	11/11/15	was		200
Chloroform	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Benzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Trichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		7.5

Surrogates:

1,2-Dichloroethane-d4	125 %	68-133	50	11/11/15	was	11/11/15	was		
Toluene-d8	95 %	75-120	50	11/11/15	was	11/11/15	was		
4-Bromofluorobenzene	102 %	69-119	50	11/11/15	was	11/11/15	was		
1,2-Dichlorobenzene-d4	98 %	72-127	50	11/11/15	was	11/11/15	was		

SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T057596

Pyridine	<0.40 mg/L	0.40	2	11/11/15	kbc	11/12/15	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	11/11/15	kbc	11/12/15	avl		100

Surrogates:

2-Fluorophenol	39 %	20-53	2	11/11/15	kbc	11/12/15	avl		
Phenol-d5	22 %	11-40	2	11/11/15	kbc	11/12/15	avl		
Nitrobenzene-d5	84 %	36-103	2	11/11/15	kbc	11/12/15	avl		

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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-01 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: NP1 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP									
2-Fluorobiphenyl	84 %	36-119	2	11/11/15	kbc	11/12/15	avl		
2,4,6-Tribromophenol	86 %	30-105	2	11/11/15	kbc	11/12/15	avl		
Terphenyl-d14	89 %	37-109	2	11/11/15	kbc	11/12/15	avl		

PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T057597

Chlordane	<0.00050 mg/L	0.00050	1	11/11/15	kbc	11/12/15	tml		0.030
Endrin	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		10
Toxaphene	<0.0050 mg/L	0.0050	1	11/11/15	kbc	11/12/15	tml		0.50

Surrogates:

Tetrachloro-m-xylene	77 %	38-94	1	11/11/15	kbc	11/12/15	tml	N	
Decachlorobiphenyl	* 106 %	40-93	1	11/11/15	kbc	11/12/15	tml	304, N	

HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T057598

2,4-D	<0.050 mg/L	0.050	1	11/11/15	kbc	11/13/15	tml	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	11/11/15	kbc	11/13/15	tml	N	1.0

Surrogates:

2,4-Dichlorophenylacetic acid	122 %	39-125	1	11/11/15	kbc	11/13/15	tml	N	
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METALS, TCLP

Analysis Method: EPA 6010B

Batch: T057602

Arsenic	<0.30 mg/L	0.30	1	11/11/15	nws	11/11/15	dtm		5.0
Barium	<1.0 mg/L	1.0	1	11/11/15	nws	11/11/15	dtm		100
Cadmium	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		1.0
Chromium	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Lead	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Selenium	<0.60 mg/L	0.60	1	11/11/15	nws	11/11/15	dtm		1.0
Silver	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		5.0

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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-01 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP1 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TCLP

Analysis Method: EPA 7470A

Batch: T057606

Mercury	<0.010	mg/L	0.010	1	11/11/15	nws	11/12/15	nws	0.20
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-02 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP1 6" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	97 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-03 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP1 12" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	230 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-04 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP1 18" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	180 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-05 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: NP2 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T057621

Vinyl chloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
2-Butanone	<0.25 mg/L	0.25	50	11/11/15	was	11/11/15	was		200
Chloroform	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Benzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Trichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		7.5

Surrogates:

1,2-Dichloroethane-d4	126 %	68-133	50	11/11/15	was	11/11/15	was		
Toluene-d8	94 %	75-120	50	11/11/15	was	11/11/15	was		
4-Bromofluorobenzene	99 %	69-119	50	11/11/15	was	11/11/15	was		
1,2-Dichlorobenzene-d4	97 %	72-127	50	11/11/15	was	11/11/15	was		

SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T057596

Pyridine	<0.40 mg/L	0.40	2	11/11/15	kbc	11/12/15	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	11/11/15	kbc	11/12/15	avl		100

Surrogates:

2-Fluorophenol	31 %	20-53	2	11/11/15	kbc	11/12/15	avl		
Phenol-d5	17 %	11-40	2	11/11/15	kbc	11/12/15	avl		
Nitrobenzene-d5	78 %	36-103	2	11/11/15	kbc	11/12/15	avl		

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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-05 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: NP2 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

2-Fluorobiphenyl	74 %	36-119	2	11/11/15	kbc	11/12/15	avl		
2,4,6-Tribromophenol	72 %	30-105	2	11/11/15	kbc	11/12/15	avl		
Terphenyl-d14	76 %	37-109	2	11/11/15	kbc	11/12/15	avl		

PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T057597

Chlordane	<0.00050 mg/L	0.00050	1	11/11/15	kbc	11/12/15	tml		0.030
Endrin	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		10
Toxaphene	<0.0050 mg/L	0.0050	1	11/11/15	kbc	11/12/15	tml		0.50

Surrogates:

Tetrachloro-m-xylene	70 %	38-94	1	11/11/15	kbc	11/12/15	tml	N	
Decachlorobiphenyl	83 %	40-93	1	11/11/15	kbc	11/12/15	tml	N	

HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T057598

2,4-D	<0.050 mg/L	0.050	1	11/11/15	kbc	11/13/15	tml	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	11/11/15	kbc	11/13/15	tml	N	1.0

Surrogates:

2,4-Dichlorophenylacetic acid	115 %	39-125	1	11/11/15	kbc	11/13/15	tml	N	
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METALS, TCLP

Analysis Method: EPA 6010B

Batch: T057602

Arsenic	<0.30 mg/L	0.30	1	11/11/15	nws	11/11/15	dtm		5.0
Barium	<1.0 mg/L	1.0	1	11/11/15	nws	11/11/15	dtm		100
Cadmium	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		1.0
Chromium	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Lead	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Selenium	<0.60 mg/L	0.60	1	11/11/15	nws	11/11/15	dtm		1.0
Silver	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		5.0

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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-05 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP2 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TCLP

Analysis Method: EPA 7470A

Batch: T057606

Mercury	<0.010	mg/L	0.010	1	11/11/15	nws	11/12/15	nws	0.20
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-06 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP2 6" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	75 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-07 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP2 12" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	60 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-08 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: NP2 18" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	81 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-09 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP1 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T057621

Vinyl chloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
2-Butanone	<0.25 mg/L	0.25	50	11/11/15	was	11/11/15	was		200
Chloroform	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Benzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Trichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		7.5
Surrogates:									
1,2-Dichloroethane-d4	127 %	68-133	50	11/11/15	was	11/11/15	was		
Toluene-d8	96 %	75-120	50	11/11/15	was	11/11/15	was		
4-Bromofluorobenzene	90 %	69-119	50	11/11/15	was	11/11/15	was		
1,2-Dichlorobenzene-d4	91 %	72-127	50	11/11/15	was	11/11/15	was		

SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T057596

Pyridine	<0.40 mg/L	0.40	2	11/11/15	kbc	11/12/15	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	11/11/15	kbc	11/12/15	avl		100
Surrogates:									
2-Fluorophenol	39 %	20-53	2	11/11/15	kbc	11/12/15	avl		
Phenol-d5	22 %	11-40	2	11/11/15	kbc	11/12/15	avl		
Nitrobenzene-d5	90 %	36-103	2	11/11/15	kbc	11/12/15	avl		

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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-09 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: SP1 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP									
2-Fluorobiphenyl	86 %	36-119	2	11/11/15	kbc	11/12/15	avl		
2,4,6-Tribromophenol	92 %	30-105	2	11/11/15	kbc	11/12/15	avl		
Terphenyl-d14	92 %	37-109	2	11/11/15	kbc	11/12/15	avl		

PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T057597

Chlordane	<0.00050 mg/L	0.00050	1	11/11/15	kbc	11/12/15	tml		0.030
Endrin	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		10
Toxaphene	<0.0050 mg/L	0.0050	1	11/11/15	kbc	11/12/15	tml		0.50

Surrogates:

Tetrachloro-m-xylene	80 %	38-94	1	11/11/15	kbc	11/12/15	tml	N	
Decachlorobiphenyl	* 112 %	40-93	1	11/11/15	kbc	11/12/15	tml	304, N	

HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T057598

2,4-D	<0.050 mg/L	0.050	1	11/11/15	kbc	11/14/15	tml	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	11/11/15	kbc	11/14/15	tml	N	1.0

Surrogates:

2,4-Dichlorophenylacetic acid	118 %	39-125	1	11/11/15	kbc	11/14/15	tml	N	
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METALS, TCLP

Analysis Method: EPA 6010B

Batch: T057602

Arsenic	<0.30 mg/L	0.30	1	11/11/15	nws	11/11/15	dtm		5.0
Barium	<1.0 mg/L	1.0	1	11/11/15	nws	11/11/15	dtm		100
Cadmium	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		1.0
Chromium	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Lead	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Selenium	<0.60 mg/L	0.60	1	11/11/15	nws	11/11/15	dtm		1.0
Silver	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		5.0

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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-09 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP1 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TCLP

Analysis Method: EPA 7470A

Batch: T057606

Mercury	<0.010	mg/L	0.010	1	11/11/15	nws	11/12/15	nws	0.20
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-10 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP1 6" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	63 mg/kg dry	6.1	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-11 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP1 12" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	90 mg/kg dry	6.1	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-12 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP1 18" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	100 mg/kg dry	6.1	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-13 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: SP2 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T057621

Vinyl chloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
2-Butanone	<0.25 mg/L	0.25	50	11/11/15	was	11/11/15	was		200
Chloroform	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Benzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Trichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		7.5

Surrogates:

1,2-Dichloroethane-d4	128 %	68-133	50	11/11/15	was	11/11/15	was		
Toluene-d8	94 %	75-120	50	11/11/15	was	11/11/15	was		
4-Bromofluorobenzene	89 %	69-119	50	11/11/15	was	11/11/15	was		
1,2-Dichlorobenzene-d4	95 %	72-127	50	11/11/15	was	11/11/15	was		

SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T057596

Pyridine	<0.40 mg/L	0.40	2	11/11/15	kbc	11/12/15	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	11/11/15	kbc	11/12/15	avl		100

Surrogates:

2-Fluorophenol	29 %	20-53	2	11/11/15	kbc	11/12/15	avl		
Phenol-d5	16 %	11-40	2	11/11/15	kbc	11/12/15	avl		
Nitrobenzene-d5	71 %	36-103	2	11/11/15	kbc	11/12/15	avl		

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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-13 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: SP2 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP									
2-Fluorobiphenyl	69 %	36-119	2	11/11/15	kbc	11/12/15	avl		
2,4,6-Tribromophenol	68 %	30-105	2	11/11/15	kbc	11/12/15	avl		
Terphenyl-d14	71 %	37-109	2	11/11/15	kbc	11/12/15	avl		

PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T057597

Chlordane	<0.00050 mg/L	0.00050	1	11/11/15	kbc	11/12/15	tml		0.030
Endrin	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		10
Toxaphene	<0.0050 mg/L	0.0050	1	11/11/15	kbc	11/12/15	tml		0.50

Surrogates:

Tetrachloro-m-xylene	77 %	38-94	1	11/11/15	kbc	11/12/15	tml	N	
Decachlorobiphenyl	76 %	40-93	1	11/11/15	kbc	11/12/15	tml	N	

HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T057598

2,4-D	<0.050 mg/L	0.050	1	11/11/15	kbc	11/14/15	tml	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	11/11/15	kbc	11/14/15	tml	N	1.0

Surrogates:

2,4-Dichlorophenylacetic acid	114 %	39-125	1	11/11/15	kbc	11/14/15	tml	N	
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METALS, TCLP

Analysis Method: EPA 6010B

Batch: T057602

Arsenic	<0.30 mg/L	0.30	1	11/11/15	nws	11/11/15	dtm		5.0
Barium	<1.0 mg/L	1.0	1	11/11/15	nws	11/11/15	dtm		100
Cadmium	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		1.0
Chromium	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Lead	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Selenium	<0.60 mg/L	0.60	1	11/11/15	nws	11/11/15	dtm		1.0
Silver	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		5.0

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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-13 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP2 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TCLP

Analysis Method: EPA 7470A

Batch: T057606

Mercury	<0.010	mg/L	0.010	1	11/11/15	nws	11/12/15	nws	0.20
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-14 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP2 6" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	150 mg/kg dry	6.1	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-15 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP2 12" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	81 mg/kg dry	6.1	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-16 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP2 18" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	40 mg/kg dry	6.3	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-17 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: SP3 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8260B

Batch: T057621

Vinyl chloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.20
1,1-Dichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
2-Butanone	<0.25 mg/L	0.25	50	11/11/15	was	11/11/15	was		200
Chloroform	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		6.0
Carbon tetrachloride	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Benzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
1,2-Dichloroethane	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Trichloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.50
Tetrachloroethene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		0.70
Chlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		100
1,4-Dichlorobenzene	<0.050 mg/L	0.050	50	11/11/15	was	11/11/15	was		7.5
Surrogates:									
1,2-Dichloroethane-d4	131 %	68-133	50	11/11/15	was	11/11/15	was		
Toluene-d8	95 %	75-120	50	11/11/15	was	11/11/15	was		
4-Bromofluorobenzene	86 %	69-119	50	11/11/15	was	11/11/15	was		
1,2-Dichlorobenzene-d4	98 %	72-127	50	11/11/15	was	11/11/15	was		

SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP

Analysis Method: EPA 8270C

Batch: T057596

Pyridine	<0.40 mg/L	0.40	2	11/11/15	kbc	11/12/15	avl		5.0
2-Methylphenol (o-Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
3,4-Methylphenol (m,p Cresol)	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		200
Hexachloroethane	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		3.0
Nitrobenzene	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
Hexachlorobutadiene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.50
2,4,6-Trichlorophenol	<0.020 mg/L	0.020	2	11/11/15	kbc	11/12/15	avl		2.0
2,4,5-Trichlorophenol	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		400
2,4-Dinitrotoluene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Hexachlorobenzene	<0.050 mg/L	0.050	2	11/11/15	kbc	11/12/15	avl		0.13
Pentachlorophenol	<0.10 mg/L	0.10	2	11/11/15	kbc	11/12/15	avl		100
Surrogates:									
2-Fluorophenol	27 %	20-53	2	11/11/15	kbc	11/12/15	avl		
Phenol-d5	14 %	11-40	2	11/11/15	kbc	11/12/15	avl		
Nitrobenzene-d5	72 %	36-103	2	11/11/15	kbc	11/12/15	avl		

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ANALYTICAL RESULTS

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-17 Date Collected: 11/05/15 11:00 Matrix: Soil
Sample ID: SP3 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
SEMI-VOLATILE ORGANIC COMPOUNDS, TCLP									
2-Fluorobiphenyl	72 %	36-119	2	11/11/15	kbc	11/12/15	avl		
2,4,6-Tribromophenol	70 %	30-105	2	11/11/15	kbc	11/12/15	avl		
Terphenyl-d14	74 %	37-109	2	11/11/15	kbc	11/12/15	avl		

PESTICIDES/PCBS, TCLP

Analysis Method: EPA 8081A

Batch: T057597

Chlordane	<0.00050 mg/L	0.00050	1	11/11/15	kbc	11/12/15	tml		0.030
Endrin	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.020
gamma-BHC (Lindane)	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.40
Heptachlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Heptachlor epoxide	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		0.0080
Methoxychlor	<0.00010 mg/L	0.00010	1	11/11/15	kbc	11/12/15	tml		10
Toxaphene	<0.0050 mg/L	0.0050	1	11/11/15	kbc	11/12/15	tml		0.50

Surrogates:

Tetrachloro-m-xylene	87 %	38-94	1	11/11/15	kbc	11/12/15	tml	N	
Decachlorobiphenyl	* 100 %	40-93	1	11/11/15	kbc	11/12/15	tml	304, N	

HERBICIDES, TCLP

Analysis Method: EPA 8151A

Batch: T057598

2,4-D	<0.050 mg/L	0.050	1	11/11/15	kbc	11/13/15	tml	N	10
2,4,5-TP (Silvex)	<0.025 mg/L	0.025	1	11/11/15	kbc	11/13/15	tml	N	1.0

Surrogates:

2,4-Dichlorophenylacetic acid	110 %	39-125	1	11/11/15	kbc	11/13/15	tml	N	
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METALS, TCLP

Analysis Method: EPA 6010B

Batch: T057602

Arsenic	<0.30 mg/L	0.30	1	11/11/15	nws	11/11/15	dtm		5.0
Barium	<1.0 mg/L	1.0	1	11/11/15	nws	11/11/15	dtm		100
Cadmium	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		1.0
Chromium	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Lead	<0.50 mg/L	0.50	1	11/11/15	nws	11/11/15	dtm		5.0
Selenium	<0.60 mg/L	0.60	1	11/11/15	nws	11/11/15	dtm		1.0
Silver	<0.10 mg/L	0.10	1	11/11/15	nws	11/11/15	dtm		5.0

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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-17 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP3 Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TCLP

Analysis Method: EPA 7470A

Batch: T057606

Mercury	<0.010	mg/L	0.010	1	11/11/15	nws	11/12/15	nws	0.20
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-18 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP3 6" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	38 mg/kg dry	6.3	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-19 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP3 12" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	52 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-20 Date Collected: 11/05/15 11:00 Matrix: Soil
 Sample ID: SP3 18" Date Received: 11/05/15 13:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T057613

Phosphorus	30 mg/kg dry	6.2	1	11/11/15	nws	11/12/15	dtm	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-21 Date Collected: 11/05/15 11:00 Matrix: Aqueous
 Sample ID: NP1 Water Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: SM 4500-P E-11

Batch: T057506

Phosphorus-Total (as P)	0.066	mg/L	0.050	5	11/06/15	kj	11/06/15	kj	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-22 Date Collected: 11/05/15 11:00 Matrix: Aqueous
 Sample ID: NP2 Water Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: SM 4500-P E-11

Batch: T057506

Phosphorus-Total (as P)	0.23	mg/L	0.050	5	11/06/15	kj	11/06/15	kj	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-23 Date Collected: 11/05/15 11:00 Matrix: Aqueous
 Sample ID: SP1 Water Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: SM 4500-P E-11

Batch: T057506

Phosphorus-Total (as P)	0.21	mg/L	0.050	5	11/06/15	kj	11/06/15	kj	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-24 Date Collected: 11/05/15 11:00 Matrix: Aqueous
 Sample ID: SP2 Water Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: SM 4500-P E-11

Batch: T057506

Phosphorus-Total (as P)	0.16	mg/L	0.050	5	11/06/15	kj	11/06/15	kj	N
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ANALYTICAL RESULTS

Trace Project ID: T15K073
 Client Project ID: Veterans Park Habitat Rest.

Trace ID: T15K073-25 Date Collected: 11/05/15 11:00 Matrix: Aqueous
 Sample ID: SP3 Water Date Received: 11/05/15 13:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: SM 4500-P E-11

Batch: T057506

Phosphorus-Total (as P)	0.38	mg/L	0.050	5	11/06/15	kj	11/06/15	kj	N
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QUALITY CONTROL RESULTS

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057583

Analysis Description: TCLP Extraction, SVOC

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057602

Analysis Description: Chromium, TCLP

QC Batch Method: EPA 3015 Microwave Assisted Digestions
for Liquids

Analysis Method: EPA 6010B

METHOD BLANK: T057602-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	

METHOD BLANK: T057602-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	

METHOD BLANK: T057602-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Silver	mg/L	<0.10	0.10	
Arsenic	mg/L	<0.30	0.30	
Barium	mg/L	<1.0	1.0	
Cadmium	mg/L	<0.10	0.10	
Chromium	mg/L	<0.50	0.50	
Lead	mg/L	<0.50	0.50	
Selenium	mg/L	<0.60	0.60	

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LABORATORY CONTROL SAMPLE: T057602-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Silver	mg/L	0.0500	<0.10	89	80-120	
Arsenic	mg/L	0.100	<0.30	95	80-120	
Barium	mg/L	1.60	1.58	99	80-120	
Cadmium	mg/L	0.0500	<0.10	99	80-120	
Chromium	mg/L	0.0500	<0.50	99	80-120	
Lead	mg/L	0.100	<0.50	97	80-120	
Selenium	mg/L	0.100	<0.60	93	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T057602-MSD1

Original: T15K073-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Silver	mg/L	0	0.250	0.216	0.219	86	87	75-125	1	20	
Arsenic	mg/L	0	0.500	0.490	0.491	98	98	75-125	0.3	20	
Barium	mg/L	0.194	8.00	7.89	7.89	96	96	75-125	0.02	20	
Cadmium	mg/L	0	0.250	0.246	0.246	98	98	75-125	0.03	20	
Chromium	mg/L	0	0.250	0.245	<0.50	98	97	75-125	0.8	20	
Lead	mg/L	0	0.500	0.501	<0.50	100	99	75-125	0.8	20	
Selenium	mg/L	0	0.500	0.493	<0.60	99	101	75-125	2	20	

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057613

Analysis Description: Phosphorus, Total

QC Batch Method: EPA 3051 Microwave Assisted Digestions for Solids

Analysis Method: EPA 6010B

METHOD BLANK: T057613-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/kg dry	<6.3	6.3	

LABORATORY CONTROL SAMPLE: T057613-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/kg dry	400	373	93	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T057613-MSD1

Original: T15K073-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Phosphorus	mg/kg dry	97.0	384	479	471	97	97	75-125	0.2	20	

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Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057606

Analysis Description: Mercury, TCLP

QC Batch Method: EPA 7470A Prep

Analysis Method: EPA 7470A

METHOD BLANK: T057606-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

METHOD BLANK: T057606-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

METHOD BLANK: T057606-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Mercury	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T057606-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Mercury	mg/L	0.00200	<0.010	95	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T057606-MSD1

Original: T15K073-01

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Mercury	mg/L	0.000840	0.0500	0.0535	0.0515	105	101	75-125	4	20	

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057582

Analysis Description: TCLP Extraction, Metals

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057584

Analysis Description: TCLP ZHE, Volatiles

QC Batch Method: Leaching procedures

Analysis Method: EPA 1311

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057597

Analysis Description: TCLP Pesticides

QC Batch Method: EPA 3510C Separatory Funnel
Liquid-Liquid Extr.

Analysis Method: EPA 8081A

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METHOD BLANK: T057597-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlordane	mg/L	<0.000050	0.000050	
Endrin	mg/L	<0.000010	0.000010	
gamma-BHC (Lindane)	mg/L	<0.000010	0.000010	
Heptachlor	mg/L	<0.000010	0.000010	
Heptachlor epoxide	mg/L	<0.000010	0.000010	
Methoxychlor	mg/L	<0.000010	0.000010	
Toxaphene	mg/L	<0.000050	0.000050	
Tetrachloro-m-xylene (S)	%	65	38-94	
Decachlorobiphenyl (S)	%	81	40-93	

METHOD BLANK: T057597-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Chlordane	mg/L	<0.000050	0.000050	
Endrin	mg/L	<0.000010	0.000010	
gamma-BHC (Lindane)	mg/L	<0.000010	0.000010	
Heptachlor	mg/L	<0.000010	0.000010	
Heptachlor epoxide	mg/L	<0.000010	0.000010	
Methoxychlor	mg/L	<0.000010	0.000010	
Toxaphene	mg/L	<0.000050	0.000050	
Tetrachloro-m-xylene (S)	%	91	38-94	
Decachlorobiphenyl (S)	%	125	40-93	304

LABORATORY CONTROL SAMPLE: T057597-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Endrin	mg/L	0.0000500	0.0000514	103	42-145	
gamma-BHC (Lindane)	mg/L	0.0000500	0.0000456	91	43-124	
Heptachlor	mg/L	0.0000500	0.0000387	77	21-142	
Heptachlor epoxide	mg/L	0.0000500	0.0000470	94	40-132	
Methoxychlor	mg/L	0.0000500	0.0000492	98	47-137	
Tetrachloro-m-xylene (S)	%	0.000100	0.0000874	87	38-94	
Decachlorobiphenyl (S)	%	0.000100	0.000106	106	40-93	304

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057598

Analysis Description: TCLP Herbicides

QC Batch Method: EPA 8151

Analysis Method: EPA 8151A

METHOD BLANK: T057598-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-D	mg/L	<0.0020	0.0020	
2,4,5-TP (Silvex)	mg/L	<0.0010	0.0010	

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METHOD BLANK: T057598-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-Dichlorophenylacetic acid (S)	%	105	39-125	

METHOD BLANK: T057598-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
2,4-D	mg/L	<0.050	0.050	
2,4,5-TP (Silvex)	mg/L	<0.025	0.025	
2,4-Dichlorophenylacetic acid (S)	%	112	39-125	

LABORATORY CONTROL SAMPLE: T057598-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-D	mg/L	0.00400	0.00475	119	40-129	
2,4,5-TP (Silvex)	mg/L	0.00400	0.00504	126	56-121	112
2,4-Dichlorophenylacetic acid (S)	%	0.00800	0.00982	123	39-125	

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057596

Analysis Description: TCLP Semi-Volatiles

QC Batch Method: EPA 3510C Separatory Funnel
Liquid-Liquid Extr.

Analysis Method: EPA 8270C

METHOD BLANK: T057596-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.020	0.020	
2-Methylphenol (o-Cresol)	mg/L	<0.0025	0.0025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.0025	0.0025	
Hexachloroethane	mg/L	<0.0025	0.0025	
Nitrobenzene	mg/L	<0.0010	0.0010	
Hexachlorobutadiene	mg/L	<0.0025	0.0025	
2,4,6-Trichlorophenol	mg/L	<0.0010	0.0010	
2,4,5-Trichlorophenol	mg/L	<0.0025	0.0025	
2,4-Dinitrotoluene	mg/L	<0.0025	0.0025	
Hexachlorobenzene	mg/L	<0.0025	0.0025	
Pentachlorophenol	mg/L	<0.0050	0.0050	
2-Fluorophenol (S)	%	35	20-53	
Phenol-d5 (S)	%	21	11-40	
Nitrobenzene-d5 (S)	%	73	36-103	
2-Fluorobiphenyl (S)	%	72	36-119	
2,4,6-Tribromophenol (S)	%	75	30-105	
Terphenyl-d14 (S)	%	74	37-109	

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METHOD BLANK: T057596-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Pyridine	mg/L	<0.20	0.20	
2-Methylphenol (o-Cresol)	mg/L	<0.025	0.025	
3,4-Methylphenol (m,p Cresol)	mg/L	<0.025	0.025	
Hexachloroethane	mg/L	<0.025	0.025	
Nitrobenzene	mg/L	<0.010	0.010	
Hexachlorobutadiene	mg/L	<0.025	0.025	
2,4,6-Trichlorophenol	mg/L	<0.010	0.010	
2,4,5-Trichlorophenol	mg/L	<0.025	0.025	
2,4-Dinitrotoluene	mg/L	<0.025	0.025	
Hexachlorobenzene	mg/L	<0.025	0.025	
Pentachlorophenol	mg/L	<0.050	0.050	
2-Fluorophenol (S)	%	33	20-53	
Phenol-d5 (S)	%	19	11-40	
Nitrobenzene-d5 (S)	%	71	36-103	
2-Fluorobiphenyl (S)	%	68	36-119	
2,4,6-Tribromophenol (S)	%	71	30-105	
Terphenyl-d14 (S)	%	76	37-109	

LABORATORY CONTROL SAMPLE: T057596-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
2,4-Dinitrotoluene	mg/L	0.0505	0.0446	88	39-105	
Pentachlorophenol	mg/L	0.100	0.0675	68	38-102	
2-Fluorophenol (S)	%	0.102	0.0421	41	20-53	
Phenol-d5 (S)	%	0.102	0.0267	26	11-40	
Nitrobenzene-d5 (S)	%	0.101	0.0840	83	36-103	
2-Fluorobiphenyl (S)	%	0.101	0.0820	81	36-119	
2,4,6-Tribromophenol (S)	%	0.100	0.0895	90	30-105	
Terphenyl-d14 (S)	%	0.100	0.0822	82	37-109	

Trace Project ID: T15K073
Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057621	Analysis Description: TCLP Volatiles
QC Batch Method: EPA 8260B	Analysis Method: EPA 8260B

METHOD BLANK: T057621-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Vinyl chloride	mg/L	<0.050	0.050	
1,1-Dichloroethene	mg/L	<0.050	0.050	
2-Butanone	mg/L	<0.25	0.25	
Chloroform	mg/L	<0.050	0.050	
Carbon tetrachloride	mg/L	<0.050	0.050	
Benzene	mg/L	<0.050	0.050	
1,2-Dichloroethane	mg/L	<0.050	0.050	

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METHOD BLANK: T057621-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Trichloroethene	mg/L	<0.050	0.050	
Tetrachloroethene	mg/L	<0.050	0.050	
Chlorobenzene	mg/L	<0.050	0.050	
1,4-Dichlorobenzene	mg/L	<0.050	0.050	
1,2-Dichloroethane-d4 (S)	%	123	68-133	
Toluene-d8 (S)	%	93	75-120	
4-Bromofluorobenzene (S)	%	101	69-119	
1,2-Dichlorobenzene-d4 (S)	%	102	72-127	

LABORATORY CONTROL SAMPLE: T057621-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Vinyl chloride	mg/L	1.00	0.978	98	47-184	
1,1-Dichloroethene	mg/L	1.00	0.954	95	64-156	
2-Butanone	mg/L	1.00	1.11	111	70-130	
Chloroform	mg/L	1.00	1.16	116	80-120	
Carbon tetrachloride	mg/L	1.00	2.24	224	79-141	112
Benzene	mg/L	1.00	1.00	100	80-120	
1,2-Dichloroethane	mg/L	1.00	1.28	128	80-120	112
Trichloroethene	mg/L	1.00	1.10	110	69-133	
Tetrachloroethene	mg/L	1.00	1.20	120	70-120	
Chlorobenzene	mg/L	1.00	1.05	105	80-120	
1,4-Dichlorobenzene	mg/L	1.00	0.992	99	80-120	
1,2-Dichloroethane-d4 (S)	%	50.0	59.8	120	68-133	
Toluene-d8 (S)	%	50.0	48.8	98	75-120	
4-Bromofluorobenzene (S)	%	50.0	50.0	100	69-119	
1,2-Dichlorobenzene-d4 (S)	%	50.0	49.4	99	72-127	

Trace Project ID: T15K073

Client Project ID: Veterans Park Habitat Rest.

QC Batch: T057506

QC Batch Method: SM 4500-P E-11

Analysis Description: Total Phosphorus

Analysis Method: SM 4500-P E-11

METHOD BLANK: T057506-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus-Total (as P)	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T057506-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus-Total (as P)	mg/L	0.100	0.104	104	85-116	

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Page 1 of 3

TRACE ID NO. T15K073

Company Name: AEI Consultants
 Report to: Kelly Price
 Mailing Address: 5729 Edgewater Dr
 City, State, Zip Code: Alendale, MI 49401
 Phone: 616.384.2714 Fax: _____
 Email Address: price@aeiconsultants.com
 Cell #: 616.844.8338 Sampled by: NKL
 Project Name & #: Veterans Park Habitat Rest.

Billing Address (if different) _____
 City, State, Zip Code _____
 Attn: _____ Phone: _____ PO #: _____

TRACE NO.	DATE TAKEN	TIME TAKEN	CLIENT SAMPLE ID	METALS FIELD FILTERED	MATRIX	NUMBER OF CONTAINERS
01	11/5/15	11:00am	NP1	S	Z	
02	11/5/15	11:00am	NP1 6"	S	1	
03	11/5/15	11:00am	NP1 12"	S	1	
04	11/5/15	11:08am	NP1 18"	S	1	
05	11/5/15	11:00am	NP2	S	2	
06	11/5/15	11:00am	NP2 6"	S	1	
07	11/5/15	11:00am	NP2 12"	S	1	
08	11/5/15	11:00am	NP2 18"	S	1	
09	11/5/15	11:00am	SF1	S	2	
10	11/5/15	11:00am	SF1 6"	S	1	

RELEASED BY	RECEIVED BY	DATE	TIME	RELEASED BY	RECEIVED BY	DATE	TIME	RELEASED BY	RECEIVED BY	DATE	TIME
[Signature]	[Signature]	11/05/15	1:30	[Signature]	[Signature]	11/05/15	2	[Signature]	[Signature]	11/05/15	3
[Signature]	[Signature]	11/05/15	4	[Signature]	[Signature]	11/05/15	5	[Signature]	[Signature]	11/05/15	6

TRACE USE ONLY

Logged By: PNM Checked By: [Signature]

Received on Ice: Yes No

Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time: _____

Regulatory Requirements: MERA TMDL's Drinking Water NPDES Special

Turnaround Requirements: Standard 3 Day* 4 Day* 48 Hour* 24 Hour*

*Requires Prior Approval

Matrix Key: S = Soil/Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

ANALYSIS REQUESTED

REMARKS: TECP, T-Phos

Possible Health Hazards

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Page 2 of 3

TRACE ID NO. 115K073

Report Results To:

Company Name: _____
 Report to: _____
 Mailing Address: _____
 City, State, Zip Code: _____
 Phone: _____ Fax: _____
 Email Address: _____
 Cell #: _____
 Project Name & #: _____

Bill To:

Billing Address (if different) _____
 City, State, Zip Code _____
 Attn: _____ Phone: _____ PO #: _____

TRACE USE ONLY

Logged By: *TMK* Checked By: *[Signature]*
 Received on ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH Low Level Lab Sampling Time: _____
 Regulatory Requirements: MIERA TMDL's Standard 3 Day* 4 Day* 48 Hour* 24 Hour* *Requires Prior Approval
 Drinking Water NPDES Special
 Matrix Key: S = Soil/Solid W = Water SL = Sludge OI = Oil
 WI = Wipes LW = Liquid Waste A = Air D = Drinking Water

TRACE NO.	DATE TAKEN	TIME TAKEN	CLIENT SAMPLE ID	METALS FIELD FILTERED	MATRIX	NUMBER OF CONTAINERS	COOL	HCL	HNO3	H2SO4	NaOH	Other	REMARKS
11	11/5/15	11am	SP1 12u		S 1	1							
12	11/5/15	11am	SP1 18u		S 1	1							
13	11/5/15	11am	SP2		S 2	2							
14	11/5/15	11am	SP2 6u		S 1	1							
15	11/5/15	11am	SP2 12u		S 1	1							
16	11/5/15	11am	SP2 18u		S 1	1							
17	11/6/15	11am	SP3		S 2	2							
18	11/5/15	11am	SP3 6u		S 1	1							
19	11/5/15	11am	SP3 12u		S 1	1							
20	11/5/15	11am	SP3 18u		S 1	1							

Please Sign

RELEASED BY	RECEIVED BY	DATE	TIME	RELEASED BY	RECEIVED BY	DATE	TIME	RELEASED BY	RECEIVED BY	DATE	TIME
<i>[Signature]</i>	<i>[Signature]</i>	11/5/15	3:31								

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TRACE ID NO. T15K073

Form containing sections: Report Results To, Bill To, Request for Analytical Services, and Please Sign. Includes sample ID, date, time, and signature columns.

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SAMPLE LOG IN CHECKLIST

Trace ID #: T15K073 Date: 11-5-15 Package Description: Cooler Temperature: 19.3
Client Name: GEL Consultants Time: 13:01 Logged in by: PMU

Cooler Receipt

Cooler/samples delivered by: Trace courier
Hand delivered Name of delivery person: _____
Commercial courier UPS FED EX US Mail
Tracking Number: Not Applicable
Tracking #: _____
COC Seals present and intact on cooler? No Yes Not Applicable
Custody seals signed by Client? No Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice?
Multiple bags of ice around samples?
Ice Packs/ Blue Ice :
No Coolant Present:

Cooler Temperature

Correction Factor: IR Thermometer 10.6 °C (Plastic or Glass -circle one)
Digital Stick Thermometer 0 °C
Temperature Blank: 15.8 °C (Use Digital Stick Thermometer)
Range of 3 samples: 19.0-21.3 °C (Use IR Thermometer)
Melt Water: NONE °C (Use Digital Stick Thermometer)
Ice still present upon receipt: Yes No N/A

General			Comments	
Yes	No	NA		
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Each sample point is in a sealed plastic bag?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
pH checked and samples at correct pH?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Below*
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Air bubbles absent from VOAs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was project manager called and samples discussed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Notes: _____

*EMD pH Test Strips Used:

pH 0-2.5 Lot: HC549420 pH 11.0-13.0 Lot: HC547328
 Other: _____

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