Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 05, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/04/14 10:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Shrewsbury
President / Laboratory Manager

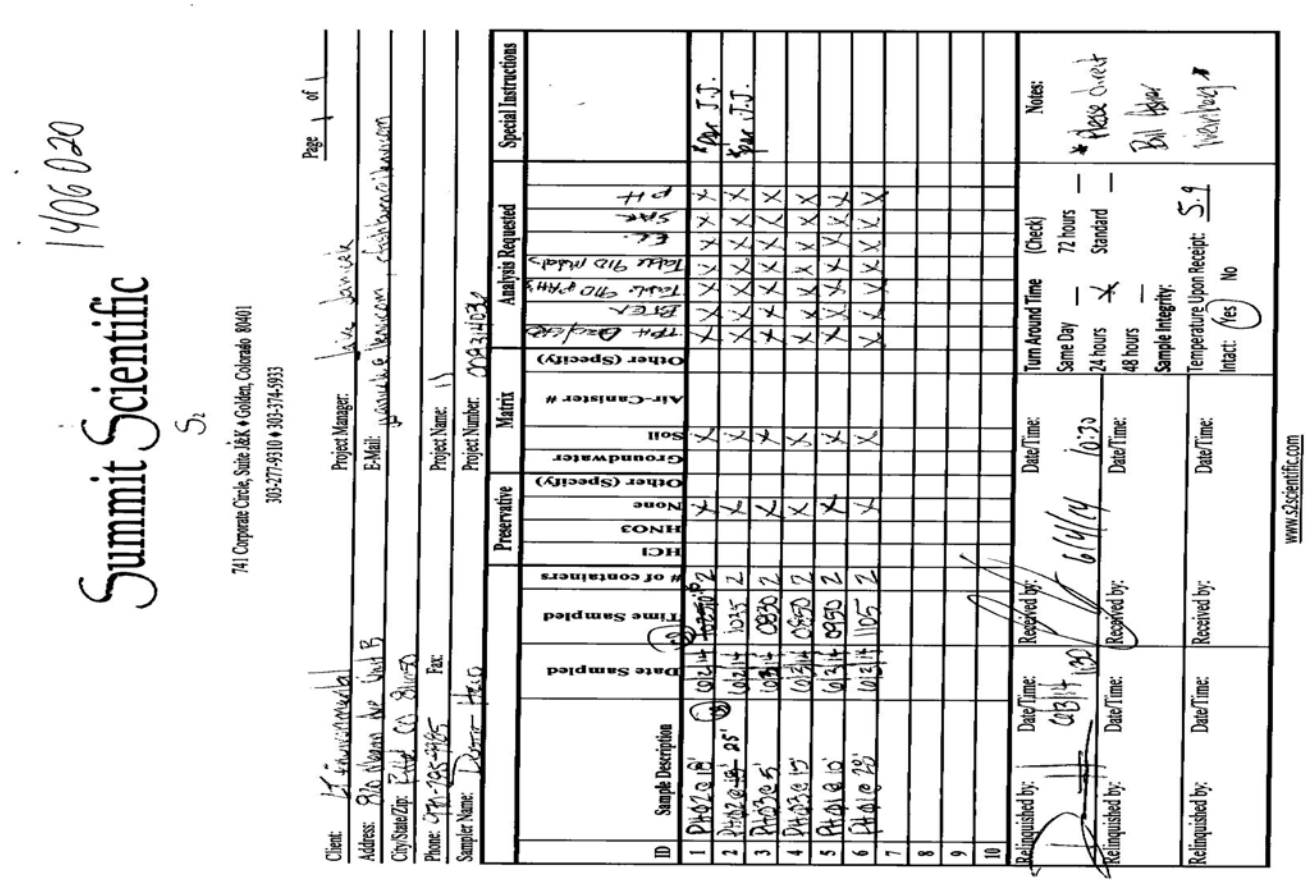
LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PH02@18'	1406020-01	Soil	06/02/14 10:15	06/04/14 10:30
PH02@25'	1406020-02	Soil	06/02/14 10:35	06/04/14 10:30
PH03@5'	1406020-03	Soil	06/03/14 08:30	06/04/14 10:30
PH03@15'	1406020-04	Soil	06/03/14 08:50	06/04/14 10:30
PH01@10'	1406020-05	Soil	06/03/14 09:50	06/04/14 10:30
PH01@28'	1406020-06	Soil	06/03/14 11:05	06/04/14 10:30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11



LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH02@18'
1406020-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**1300**	50	mg/kg	1	1406024	06/04/14	06/04/14	8015M	

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*102 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.47**	0.020	mg/kg	10	1406025	06/04/14	06/04/14	EPA 8260B	
Toluene	**12**	0.050	"	"	"	"	"	"	E
Ethylbenzene	**4.3**	0.050	"	"	"	"	"	"	
Xylenes (total)	**62**	0.050	"	"	"	"	"	"	E
Gasoline Range Hydrocarbons	**800**	5.0	"	"	"	"	"	"	

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*149 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*146 %*	*21-167*		"	"	"	"	

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM	
Acenaphthylene	ND	0.00500	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH02@18'
1406020-01 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Anthracene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (g,h,i) perylene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Chrysene	**0.00995**	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
Naphthalene	**1.64**	0.0500	"	10	"	"	"	"	
Phenanthrene	**0.218**	0.0500	"	"	"	"	"	"	
Pyrene	**0.00808**	0.00500	"	1	"	"	"	"	

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		*113 %*	*50-150*		"	"	"	"	
Surrogate: Fluoranthene-d10		*95.2 %*	*50-150*		"	"	"	"	

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**9.73**	0.873	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	
Barium	**3160**	0.873	"	"	"	"	"	"	PRELM
Cadmium	ND	0.873	"	"	"	"	"	"	
Chromium	**13.4**	4.37	"	"	"	"	"	"	
Copper	**20.6**	4.37	"	"	"	"	"	"	PRELM
Lead	**12.7**	0.873	"	"	"	"	"	"	PRELM
Nickel	**18.1**	0.873	"	"	"	"	"	"	
Selenium	ND	0.437	"	"	"	"	"	"	
Silver	ND	0.873	"	"	"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH02@18'
1406020-01 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Zinc	ND	87.3	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	

Total Mercury by EPA Method 7471/7470/245.1

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.0368	mg/kg dry	1	1406034	06/05/14	06/05/14	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	2.46	mg/kg dry	1	1406026	06/04/14	06/05/14	EPA 7196	

Calculated Analytes

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium+3 Calculated	**10.9**	1.00	mg/kg	1	1406043	06/05/14	06/05/14	Calculation	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	**1870**	12.3	mg/kg dry	1	1406023	06/04/14	06/04/14	EPA 6020/Mod. USDA60 6(2, 3A)	
Magnesium	**674**	6.14	"	"	"	"	"	"	
Sodium	**1940**	6.14	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH02@18'
1406020-01 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	**9.78**		units	1	1406037	06/05/14	06/05/14	EPA 6020/Mod. USDA60 6(2, 3A)	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	**2.51**	0.0100	mmhos/cm	1	1406031	06/04/14	06/04/14	SM 2510B	

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	**9.94**	0.100	pH Units	"	1406032	06/04/14	06/04/14	EPA 9045	

Date Sampled: **06/02/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**81.4**		%	"	1406036	06/05/14	06/05/14	% calculation	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH02@25'
1406020-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**140**	50	mg/kg	1	1406024	06/04/14	06/04/14	8015M	

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*104 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.0029**	0.0020	mg/kg	1	1406025	06/04/14	06/04/14	EPA 8260B	
Toluene	**0.025**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.042**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.77**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**21**	0.50	"	"	"	"	"	"	

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*121 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*116 %*	*21-167*		"	"	"	"	

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM	
Acenaphthylene	ND	0.00500	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH02@25'
1406020-02 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

Anthracene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.00500	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"
Chrysene	ND	0.00500	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"
Fluoranthene	ND	0.00500	"	"	"	"	"	"
Fluorene	**0.0169**	0.00500	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"
Naphthalene	**0.101**	0.00500	"	"	"	"	"	"
Phenanthrene	**0.0180**	0.00500	"	"	"	"	"	"
Pyrene	ND	0.00500	"	"	"	"	"	"

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		*81.4 %*	*50-150*		"	"	"	"	
Surrogate: Fluoranthene-d10		*81.3 %*	*50-150*		"	"	"	"	

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**7.75**	0.796	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	
Barium	**459**	0.796	"	"	"	"	"	"	PRELM
Cadmium	ND	0.796	"	"	"	"	"	"	
Chromium	**10.2**	3.98	"	"	"	"	"	"	
Copper	**16.5**	3.98	"	"	"	"	"	"	PRELM
Lead	**9.61**	0.796	"	"	"	"	"	"	PRELM
Nickel	**17.6**	0.796	"	"	"	"	"	"	
Selenium	ND	0.398	"	"	"	"	"	"	
Silver	ND	0.796	"	"	"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH02@25'
1406020-02 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Zinc	ND	79.6	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	

Total Mercury by EPA Method 7471/7470/245.1

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.0351	mg/kg dry	1	1406034	06/05/14	06/05/14	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	2.35	mg/kg dry	1	1406026	06/04/14	06/05/14	EPA 7196	

Calculated Analytes

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium+3 Calculated	**7.85**	1.00	mg/kg	1	1406043	06/05/14	06/05/14	Calculation	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	**1000**	11.7	mg/kg dry	1	1406023	06/04/14	06/04/14	EPA 6020/Mod. USDA60 6(2, 3A)	
Magnesium	**374**	5.87	"	"	"	"	"	"	
Sodium	**1430**	5.87	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH02@25'
1406020-02 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	**9.79**		units	1	1406037	06/05/14	06/05/14	EPA 6020/Mod. USDA60 6(2, 3A)	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	**3.18**	0.0100	mmhos/cm	1	1406031	06/04/14	06/04/14	SM 2510B	

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	**9.51**	0.100	pH Units	"	1406032	06/04/14	06/04/14	EPA 9045	

Date Sampled: **06/02/14 10:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**85.2**		%	"	1406036	06/05/14	06/05/14	% calculation	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH03@5'
1406020-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**170**	50	mg/kg	1	1406024	06/04/14	06/04/14	8015M	

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*106 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.019**	0.0020	mg/kg	1	1406025	06/04/14	06/04/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.10**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**1.1**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**36**	0.50	"	"	"	"	"	"	

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*86.8 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*136 %*	*21-167*		"	"	"	"	

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	**0.0170**	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM	
Acenaphthylene	ND	0.00500	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH03@5'
1406020-03 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

Anthracene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.00500	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"
Chrysene	**0.00511**	0.00500	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"
Fluoranthene	ND	0.00500	"	"	"	"	"	"
Fluorene	**0.0581**	0.00500	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"
Naphthalene	**0.162**	0.00500	"	"	"	"	"	"
Phenanthrene	**0.113**	0.00500	"	"	"	"	"	"
Pyrene	**0.0137**	0.00500	"	"	"	"	"	"

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		*83.2 %*	*50-150*		"	"	"	"	
Surrogate: Fluoranthene-d10		*84.1 %*	*50-150*		"	"	"	"	

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**10.3**	0.957	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	
Barium	**4880**	0.957	"	"	"	"	"	"	PRELM
Cadmium	ND	0.957	"	"	"	"	"	"	
Chromium	**15.8**	4.78	"	"	"	"	"	"	
Copper	**34.3**	4.78	"	"	"	"	"	"	PRELM
Lead	**14.1**	0.957	"	"	"	"	"	"	PRELM
Nickel	**20.9**	0.957	"	"	"	"	"	"	
Selenium	ND	0.478	"	"	"	"	"	"	
Silver	ND	0.957	"	"	"	"	"	"	PRELM

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH03@5'
1406020-03 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Zinc	ND	95.7	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	

Total Mercury by EPA Method 7471/7470/245.1

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.0416	mg/kg dry	1	1406034	06/05/14	06/05/14	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	2.87	mg/kg dry	1	1406026	06/04/14	06/05/14	EPA 7196	

Calculated Analytes

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium+3 Calculated	**12.9**	1.00	mg/kg	1	1406043	06/05/14	06/05/14	Calculation	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	**1700**	14.4	mg/kg dry	1	1406023	06/04/14	06/04/14	EPA 6020/Mod. USDA60 6(2, 3A)	
Magnesium	**563**	7.18	"	"	"	"	"	"	
Sodium	**1370**	7.18	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH03@5'
1406020-03 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	**7.36**		units	1	1406037	06/05/14	06/05/14	EPA 6020/Mod. USDA60 6(2, 3A)	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	**2.05**	0.0100	mmhos/cm	1	1406031	06/04/14	06/04/14	SM 2510B	

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	**9.18**	0.100	pH Units	"	1406032	06/04/14	06/04/14	EPA 9045	

Date Sampled: **06/03/14 08:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**69.6**		%	"	1406036	06/05/14	06/05/14	% calculation	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH03@15'
1406020-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406024	06/04/14	06/04/14	8015M	

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*110 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406025	06/04/14	06/04/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.7 %*	*21-167*		"	"	"	"	

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM	
Acenaphthylene	ND	0.00500	"	"	"	"	"	"	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH03@15'
1406020-04 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

Anthracene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/04/14	EPA 8270D SIM
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.00500	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"
Chrysene	ND	0.00500	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"
Fluoranthene	ND	0.00500	"	"	"	"	"	"
Fluorene	ND	0.00500	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"
Naphthalene	ND	0.00500	"	"	"	"	"	"
Phenanthrene	ND	0.00500	"	"	"	"	"	"
Pyrene	ND	0.00500	"	"	"	"	"	"

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		*75.4 %*	*50-150*		"	"	"	"	
Surrogate: Fluoranthene-d10		*80.6 %*	*50-150*		"	"	"	"	

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**10.4**	0.749	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	
Barium	**156**	0.749	"	"	"	"	"	"	PRELM
Cadmium	ND	0.749	"	"	"	"	"	"	
Chromium	**14.2**	3.75	"	"	"	"	"	"	
Copper	**23.6**	3.75	"	"	"	"	"	"	PRELM
Lead	**18.7**	0.749	"	"	"	"	"	"	PRELM
Nickel	**25.4**	0.749	"	"	"	"	"	"	
Selenium	ND	0.375	"	"	"	"	"	"	
Silver	ND	0.749	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH03@15'
1406020-04 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Zinc	ND	74.9	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	

Total Mercury by EPA Method 7471/7470/245.1

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.0493	mg/kg dry	1	1406034	06/05/14	06/05/14	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	2.37	mg/kg dry	1	1406026	06/04/14	06/05/14	EPA 7196	

Calculated Analytes

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium+3 Calculated	**11.8**	1.00	mg/kg	1	1406043	06/05/14	06/05/14	Calculation	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	**254**	10.6	mg/kg dry	1	1406023	06/04/14	06/04/14	EPA 6020/Mod. USDA60 6(2, 3A)	
Magnesium	**130**	5.32	"	"	"	"	"	"	
Sodium	**1340**	5.32	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH03@15'
1406020-04 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	**17.0**		units	1	1406037	06/05/14	06/05/14	EPA 6020/Mod. USDA60 6(2, 3A)	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	**1.78**	0.0100	mmhos/cm	1	1406031	06/04/14	06/04/14	SM 2510B	

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	**9.65**	0.100	pH Units	"	1406032	06/04/14	06/04/14	EPA 9045	

Date Sampled: **06/03/14 08:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**84.5**		%	"	1406036	06/05/14	06/05/14	% calculation	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH01@10'
1406020-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**4300**	50	mg/kg	1	1406024	06/04/14	06/04/14	8015M	

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*27.4 %*	*30-150*		"	"	"	"	*S-02*

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.060**	0.020	mg/kg	10	1406025	06/04/14	06/04/14	EPA 8260B	
Toluene	**0.44**	0.050	"	"	"	"	"	"	
Ethylbenzene	**0.89**	0.050	"	"	"	"	"	"	
Xylenes (total)	**16**	0.050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**680**	5.0	"	"	"	"	"	"	

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*92.7 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*134 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*158 %*	*21-167*		"	"	"	"	

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.0500	mg/kg	10	1406028	06/04/14	06/05/14	EPA 8270D SIM	R-01
Acenaphthylene	ND	0.0500	"	"	"	"	"	"	R-01

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH01@10'
1406020-05 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

Anthracene	ND	0.0500	mg/kg	10	1406028	06/04/14	06/05/14	EPA 8270D SIM	R-01
Benzo (a) anthracene	ND	0.0500	"	"	"	"	"	"	R-01
Benzo (b) fluoranthene	ND	0.0500	"	"	"	"	"	"	R-01
Benzo (k) fluoranthene	ND	0.0500	"	"	"	"	"	"	R-01
Benzo (g,h,i) perylene	ND	0.0500	"	"	"	"	"	"	R-01
Benzo (a) pyrene	ND	0.0500	"	"	"	"	"	"	R-01
Chrysene	**0.150**	0.0500	"	"	"	"	"	"	R-01
Dibenz (a,h) anthracene	ND	0.0500	"	"	"	"	"	"	R-01
Fluoranthene	ND	0.0500	"	"	"	"	"	"	R-01
Fluorene	**1.01**	0.0500	"	"	"	"	"	"	R-01
Indeno (1,2,3-cd) pyrene	ND	0.0500	"	"	"	"	"	"	R-01
2-Methylnaphthalene	ND	0.0500	"	"	"	"	"	"	R-01
Naphthalene	**7.04**	0.500	"	100	"	"	06/05/14	"	R-01
Phenanthrene	**0.969**	0.500	"	"	"	"	"	"	R-01
Pyrene	**0.0728**	0.0500	"	10	"	"	06/05/14	"	R-01

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		*103 %*	*50-150*		"	"	"	"	*R-01*
Surrogate: Fluoranthene-d10		*95.6 %*	*50-150*		"	"	"	"	*R-01*

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**12.0**	1.14	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	
Barium	**2740**	1.14	"	"	"	"	"	"	PRELM
Cadmium	ND	1.14	"	"	"	"	"	"	
Chromium	**16.3**	5.71	"	"	"	"	"	"	
Copper	**23.8**	5.71	"	"	"	"	"	"	PRELM
Lead	**16.5**	1.14	"	"	"	"	"	"	PRELM
Nickel	**25.2**	1.14	"	"	"	"	"	"	
Selenium	ND	0.571	"	"	"	"	"	"	
Silver	ND	1.14	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH01@10'
1406020-05 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Zinc	ND	114	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	

Total Mercury by EPA Method 7471/7470/245.1

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.0484	mg/kg dry	1	1406034	06/05/14	06/05/14	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	2.76	mg/kg dry	1	1406026	06/04/14	06/05/14	EPA 7196	

Calculated Analytes

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium+3 Calculated	**13.5**	1.00	mg/kg	1	1406043	06/05/14	06/05/14	Calculation	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	**2750**	13.8	mg/kg dry	1	1406023	06/04/14	06/04/14	EPA 6020/Mod. USDA60 6(2, 3A)	
Magnesium	**958**	6.91	"	"	"	"	"	"	
Sodium	**2510**	6.91	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH01@10'
1406020-05 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	**10.5**		units	1	1406037	06/05/14	06/05/14	EPA 6020/Mod. USDA60 6(2, 3A)	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	**2.98**	0.0100	mmhos/cm	1	1406031	06/04/14	06/04/14	SM 2510B	

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	**8.26**	0.100	pH Units	"	1406032	06/04/14	06/04/14	EPA 9045	

Date Sampled: **06/03/14 09:50**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**72.4**		%	"	1406036	06/05/14	06/05/14	% calculation	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/05/14 22:11

PH01@28'
1406020-06 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**570**	50	mg/kg	1	1406024	06/04/14	06/04/14	8015M	

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*118 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.054**	0.020	mg/kg	10	1406025	06/04/14	06/04/14	EPA 8260B	
Toluene	**0.81**	0.050	"	"	"	"	"	"	
Ethylbenzene	**0.68**	0.050	"	"	"	"	"	"	
Xylenes (total)	**11**	0.050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**480**	5.0	"	"	"	"	"	"	

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*97.4 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*121 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*143 %*	*21-167*		"	"	"	"	

Semivolatile Organic Compounds by EPA Method 8270D SIM

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/05/14	EPA 8270D SIM	
Acenaphthylene	ND	0.00500	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH01@28'
1406020-06 (Soil)

Summit Scientific

Semivolatile Organic Compounds by EPA Method 8270D SIM

Anthracene	ND	0.00500	mg/kg	1	1406028	06/04/14	06/05/14	EPA 8270D SIM
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"
Benzo (g,h,i) perylene	ND	0.00500	"	"	"	"	"	"
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"
Chrysene	**0.0113**	0.00500	"	"	"	"	"	"
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"
Fluoranthene	ND	0.00500	"	"	"	"	"	"
Fluorene	**0.0916**	0.00500	"	"	"	"	"	"
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"
Naphthalene	**0.905**	0.0500	"	10	"	"	06/05/14	"
Phenanthrene	**0.128**	0.00500	"	1	"	"	06/05/14	"
Pyrene	**0.00645**	0.00500	"	"	"	"	"	"

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10		*76.8 %*	*50-150*		"	"	"	"	
Surrogate: Fluoranthene-d10		*85.1 %*	*50-150*		"	"	"	"	

Total Metals by EPA Method 6020 - Dry Weight Basis

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	**9.75**	0.940	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	
Barium	**1100**	0.940	"	"	"	"	"	"	PRELM
Cadmium	ND	0.940	"	"	"	"	"	"	
Chromium	**14.4**	4.70	"	"	"	"	"	"	
Copper	**20.9**	4.70	"	"	"	"	"	"	PRELM
Lead	**11.3**	0.940	"	"	"	"	"	"	PRELM
Nickel	**25.1**	0.940	"	"	"	"	"	"	
Selenium	ND	0.470	"	"	"	"	"	"	
Silver	ND	0.940	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH01@28'
1406020-06 (Soil)

Summit Scientific

Total Metals by EPA Method 6020 - Dry Weight Basis

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Zinc	ND	94.0	mg/kg dry	1	1406017	06/03/14	06/04/14	EPA 6020A	

Total Mercury by EPA Method 7471/7470/245.1

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Mercury	ND	0.0442	mg/kg dry	1	1406034	06/05/14	06/05/14	EPA 7471	

Hexavalent Chromium by EPA 7196

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	2.43	mg/kg dry	1	1406026	06/04/14	06/05/14	EPA 7196	

Calculated Analytes

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium+3 Calculated	**12.0**	1.00	mg/kg	1	1406043	06/05/14	06/05/14	Calculation	

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	**1970**	12.1	mg/kg dry	1	1406023	06/04/14	06/04/14	EPA 6020/Mod. USDA60 6(2, 3A)	
Magnesium	**880**	6.07	"	"	"	"	"	"	
Sodium	**1170**	6.07	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PH01@28'
1406020-06 (Soil)

Summit Scientific

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	**5.51**		units	1	1406037	06/05/14	06/05/14	EPA 6020/Mod. USDA60 6(2, 3A)	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	**2.95**	0.0100	mmhos/cm	1	1406031	06/04/14	06/04/14	SM 2510B	

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	**9.07**	0.100	pH Units	"	1406032	06/04/14	06/04/14	EPA 9045	

Date Sampled: **06/03/14 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	**82.4**		%	"	1406036	06/05/14	06/05/14	% calculation	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406024 - EPA 3550A										
Blank (1406024-BLK1)				Prepared & Analyzed: 06/04/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406024-BS1)				Prepared & Analyzed: 06/04/14						
C10-C28 (DRO)	540	50	mg/kg	501		108	73-134			
Matrix Spike (1406024-MS1)	**Source: 1406020-01**			Prepared & Analyzed: 06/04/14						
C10-C28 (DRO)	2640	50	mg/kg	501	1250	278	50-148			QM-07
Matrix Spike Dup (1406024-MSD1)	**Source: 1406020-01**			Prepared & Analyzed: 06/04/14						
C10-C28 (DRO)	2640	50	mg/kg	501	1250	276	50-148	0.204	13	QM-07

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406025 - EPA 5030 Soil MS										
Blank (1406025-BLK1)				Prepared & Analyzed: 06/04/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0351*		"	*0.0388*		*90.5*	*23-173*			
Surrogate: Toluene-d8	*0.0384*		"	*0.0391*		*98.2*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0376*		"	*0.0391*		*96.2*	*21-167*			
LCS (1406025-BS1)				Prepared & Analyzed: 06/04/14						
Benzene	0.0835	0.0020	mg/kg	0.0988		84.5	58-130			
Toluene	0.0850	0.0050	"	0.0988		86.0	61-134			
Ethylbenzene	0.0858	0.0050	"	0.0980		87.6	74-139			
m,p-Xylene	0.170	0.010	"	0.197		86.2	73-137			
o-Xylene	0.0807	0.0050	"	0.0972		83.0	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0356*		"	*0.0392*		*90.7*	*23-173*			
Surrogate: Toluene-d8	*0.0385*		"	*0.0395*		*97.4*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0393*		"	*0.0395*		*99.4*	*21-167*			
Matrix Spike (1406025-MS1)		**Source: 1406020-03**		Prepared & Analyzed: 06/04/14						
Benzene	0.136	0.0020	mg/kg	0.0986	0.0188	119	30-131			
Toluene	0.122	0.0050	"	0.0986	ND	124	30-134			
Ethylbenzene	0.187	0.0050	"	0.0978	0.105	83.9	22-153			
m,p-Xylene	0.898	0.010	"	0.197	0.966	NR	10-159			QM-07
o-Xylene	0.177	0.0050	"	0.0970	0.0909	88.2	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0449*		"	*0.0392*		*115*	*23-173*			
Surrogate: Toluene-d8	*0.0510*		"	*0.0394*		*129*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0441*		"	*0.0394*		*112*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406025 - EPA 5030 Soil MS										
Matrix Spike Dup (1406025-MSD1)		**Source: 1406020-03**		Prepared & Analyzed: 06/04/14						
Benzene	0.136	0.0020	mg/kg	0.0945	0.0188	124	30-131	0.166	34	
Toluene	0.123	0.0050	"	0.0945	ND	131	30-134	0.818	30	
Ethylbenzene	0.190	0.0050	"	0.0938	0.105	91.0	22-153	1.70	24	
m,p-Xylene	0.913	0.010	"	0.189	0.966	NR	10-159	1.62	68	QM-07
o-Xylene	0.171	0.0050	"	0.0930	0.0909	85.8	31-151	3.35	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0451*		*"*	*0.0375*		*120*	*23-173*			
Surrogate: Toluene-d8	*0.0442*		*"*	*0.0378*		*117*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0431*		*"*	*0.0378*		*114*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Semivolatile Organic Compounds by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406028 - EPA 5030 Soil MS										
Blank (1406028-BLK1)				Prepared & Analyzed: 06/04/14						
Acenaphthene	ND	0.00500	mg/kg							
Acenaphthylene	ND	0.00500	"							
Anthracene	ND	0.00500	"							
Benzo (a) anthracene	ND	0.00500	"							
Benzo (b) fluoranthene	ND	0.00500	"							
Benzo (k) fluoranthene	ND	0.00500	"							
Benzo (g,h,i) perylene	ND	0.00500	"							
Benzo (a) pyrene	ND	0.00500	"							
Chrysene	ND	0.00500	"							
Dibenz (a,h) anthracene	ND	0.00500	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Naphthalene	ND	0.00500	"							
Phenanthrene	ND	0.00500	"							
Pyrene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	*0.0280*		"	*0.0344*		*81.3*	*50-150*			
Surrogate: Fluoranthene-d10	*0.0309*		"	*0.0346*		*89.3*	*50-150*			
LCS (1406028-BS1)				Prepared & Analyzed: 06/04/14						
Acenaphthene	0.0239	0.00500	mg/kg	0.0331		72.3	50-150			
Acenaphthylene	0.0236	0.00500	"	0.0331		71.4	50-150			
Anthracene	0.0250	0.00500	"	0.0331		75.5	50-150			
Benzo (a) anthracene	0.0208	0.00500	"	0.0331		62.8	50-150			
Benzo (b) fluoranthene	0.0318	0.00500	"	0.0331		96.0	50-150			
Benzo (k) fluoranthene	0.0309	0.00500	"	0.0331		93.2	50-150			
Benzo (g,h,i) perylene	0.0302	0.00500	"	0.0331		91.3	50-150			
Benzo (a) pyrene	0.0313	0.00500	"	0.0331		94.5	50-150			
Chrysene	0.0191	0.00500	"	0.0331		57.6	50-150			
Dibenz (a,h) anthracene	0.0313	0.00500	"	0.0331		94.5	50-150			
Fluoranthene	0.0252	0.00500	"	0.0331		76.0	50-150			
Fluorene	0.0240	0.00500	"	0.0331		72.4	50-150			
Indeno (1,2,3-cd) pyrene	0.0314	0.00500	"	0.0331		94.8	50-150			
2-Methylnaphthalene	ND	0.00500	"				0-200			
Naphthalene	0.0235	0.00500	"	0.0331		70.9	50-150			
Phenanthrene	0.0250	0.00500	"	0.0331		75.5	50-150			
Pyrene	0.0203	0.00500	"	0.0331		61.4	50-150			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Semivolatile Organic Compounds by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406028 - EPA 5030 Soil MS										
LCS (1406028-BS1)				Prepared & Analyzed: 06/04/14						
Surrogate: 2-Methylnaphthalene-d10	*0.0249*		*mg/kg*	*0.0344*		*72.5*	*50-150*			
Surrogate: Fluoranthene-d10	*0.0275*		*"*	*0.0346*		*79.5*	*50-150*			
Duplicate (1406028-DUP1)		**Source: 1406020-03**		Prepared & Analyzed: 06/04/14						
Acenaphthene	0.0108	0.00500	mg/kg		0.0170			44.8	200	
Acenaphthylene	ND	0.00500	"		ND				200	
Anthracene	ND	0.00500	"		ND				200	
Benzo (a) anthracene	0.00317	0.00500	"		0.00422			28.5	200	
Benzo (b) fluoranthene	ND	0.00500	"		0.00256				200	
Benzo (k) fluoranthene	ND	0.00500	"		0.00260				200	
Benzo (g,h,i) perylene	ND	0.00500	"		ND				200	
Benzo (a) pyrene	ND	0.00500	"		0.00278				200	
Chrysene	0.00326	0.00500	"		0.00511			44.1	200	
Dibenz (a,h) anthracene	ND	0.00500	"		ND				200	
Fluoranthene	0.00282	0.00500	"		ND				200	
Fluorene	0.0383	0.00500	"		0.0581			41.1	200	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"		ND				200	
2-Methylnaphthalene	ND	0.00500	"		ND				200	
Naphthalene	0.134	0.00500	"		0.162			18.6	200	
Phenanthrene	0.0756	0.00500	"		0.113			39.4	200	
Pyrene	0.00945	0.00500	"		0.0137			36.4	200	
Surrogate: 2-Methylnaphthalene-d10	*0.0271*		*"*	*0.0343*		*79.1*	*50-150*			
Surrogate: Fluoranthene-d10	*0.0281*		*"*	*0.0345*		*81.7*	*50-150*			
Matrix Spike (1406028-MS1)		**Source: 1406020-04**		Prepared & Analyzed: 06/04/14						
Acenaphthene	0.0254	0.00500	mg/kg	0.0331	ND	76.7	50-150			
Acenaphthylene	0.0249	0.00500	"	0.0331	ND	75.2	50-150			
Anthracene	0.0256	0.00500	"	0.0331	ND	77.2	50-150			
Benzo (a) anthracene	0.0215	0.00500	"	0.0331	ND	64.8	50-150			
Benzo (b) fluoranthene	0.0327	0.00500	"	0.0331	ND	98.9	50-150			
Benzo (k) fluoranthene	0.0315	0.00500	"	0.0331	ND	95.2	50-150			
Benzo (g,h,i) perylene	0.0301	0.00500	"	0.0331	ND	90.9	50-150			
Benzo (a) pyrene	0.0326	0.00500	"	0.0331	ND	98.4	50-150			
Chrysene	0.0205	0.00500	"	0.0331	ND	62.0	50-150			
Dibenz (a,h) anthracene	0.0315	0.00500	"	0.0331	ND	95.2	50-150			
Fluoranthene	0.0261	0.00500	"	0.0331	ND	78.9	50-150			
Fluorene	0.0253	0.00500	"	0.0331	ND	76.5	50-150			
Indeno (1,2,3-cd) pyrene	0.0316	0.00500	"	0.0331	ND	95.4	50-150			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Semivolatile Organic Compounds by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406028 - EPA 5030 Soil MS										
Matrix Spike (1406028-MS1)		**Source: 1406020-04**		Prepared & Analyzed: 06/04/14						
2-Methylnaphthalene	ND	0.00500	mg/kg		ND		0-200			
Naphthalene	0.0252	0.00500	"	0.0331	ND	76.2	50-150			
Phenanthrene	0.0264	0.00500	"	0.0331	ND	79.6	50-150			
Pyrene	0.0208	0.00500	"	0.0331	ND	62.7	50-150			
Surrogate: 2-Methylnaphthalene-d10	*0.0264*		*"*	*0.0344*		*76.8*	*50-150*			
Surrogate: Fluoranthene-d10	*0.0284*		*"*	*0.0346*		*82.3*	*50-150*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406017 - EPA 3050B										
Blank (1406017-BLK1)				Prepared: 06/03/14 Analyzed: 06/04/14						
Arsenic	ND	1.00	mg/kg wet							
Barium	ND	1.00	"							
Cadmium	ND	1.00	"							
Chromium	ND	5.00	"							
Copper	ND	5.00	"							PRELM
Lead	ND	1.00	"							PRELM
Nickel	ND	1.00	"							
Selenium	ND	0.500	"							
Silver	ND	1.00	"							
Zinc	ND	100	"							
LCS (1406017-BS1)				Prepared: 06/03/14 Analyzed: 06/04/14						
Arsenic	24.4	1.00	mg/kg wet	25.0		97.5	80-120			
Barium	2460	1.00	"	2250		109	80-120			
Cadmium	8.48	1.00	"	10.0		84.8	80-120			
Chromium	102	5.00	"	100		102	80-120			
Copper	180	5.00	"	200		89.8	80-120			PRELM
Lead	47.9	1.00	"	75.0		63.9	80-120			PRELM
Nickel	243	1.00	"	150		162	80-120			
Selenium	13.2	0.500	"	12.5		106	80-120			
Silver	0.618	1.00	"	2.50		24.7	80-120			
Zinc	75.3	100	"	75.0		100	80-120			
LCS Dup (1406017-BSD1)				Prepared: 06/03/14 Analyzed: 06/04/14						
Arsenic	25.2	1.00	mg/kg wet	25.0		101	80-120	3.29	20	
Barium	2540	1.00	"	2250		113	80-120	3.08	20	
Cadmium	8.70	1.00	"	10.0		87.0	80-120	2.57	20	
Chromium	105	5.00	"	100		105	80-120	2.27	20	
Copper	190	5.00	"	200		95.1	80-120	5.69	20	PRELM
Lead	50.3	1.00	"	75.0		67.1	80-120	4.79	20	PRELM
Nickel	253	1.00	"	150		169	80-120	4.19	20	
Selenium	13.5	0.500	"	12.5		108	80-120	2.09	20	
Silver	0.641	1.00	"	2.50		25.7	80-120	3.66	20	
Zinc	75.1	100	"	75.0		100	80-120	0.226	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Total Metals by EPA Method 6020 - Dry Weight Basis - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406017 - EPA 3050B										
Matrix Spike (1406017-MS1)		**Source: 1405134-02**		Prepared: 06/03/14	Analyzed: 06/04/14					
Arsenic	29.2	1.12	mg/kg dry	28.0		104	75-125			
Barium	2830	1.12	"	2520		112	75-125			
Cadmium	9.65	1.12	"	11.2		86.1	75-125			
Chromium	111	5.61	"	112		99.1	75-125			
Copper	198	5.61	"	224		88.2	75-125			PRELM
Lead	60.4	1.12	"	84.1		71.8	75-125			PRELM
Nickel	253	1.12	"	168		150	75-125			
Selenium	9.34	0.561	"	14.0		66.6	75-125			
Silver	0.744	1.12	"	2.80		26.5	75-125			
Zinc	103	112	"	84.1		122	75-125			
Matrix Spike Dup (1406017-MSD1)		**Source: 1405134-02**		Prepared: 06/03/14	Analyzed: 06/04/14					
Arsenic	24.2	0.929	mg/kg dry	23.2		104	75-125	18.8	25	
Barium	2400	0.929	"	2090		115	75-125	16.7	25	PRELM
Cadmium	8.18	0.929	"	9.29		88.1	75-125	16.5	25	
Chromium	90.6	4.64	"	92.9		97.6	75-125	20.4	25	
Copper	171	4.64	"	186		92.2	75-125	14.4	25	PRELM
Lead	52.1	0.929	"	69.6		74.7	75-125	14.8	25	PRELM
Nickel	197	0.929	"	139		142	75-125	24.7	25	
Selenium	7.29	0.464	"	11.6		62.8	75-125	24.7	25	
Silver	0.635	0.929	"	2.32		27.4	75-125	15.8	25	
Zinc	90.2	92.9	"	69.6		129	75-125	12.9	25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Total Mercury by EPA Method 7471/7470/245.1 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406034 - EPA 7471A										
Blank (1406034-BLK1)				Prepared & Analyzed: 06/05/14						
Mercury	ND	0.0500	mg/kg wet							
LCS (1406034-BS1)				Prepared & Analyzed: 06/05/14						
Mercury	0.401	0.0500	mg/kg wet	0.400		100	80-120			
Matrix Spike (1406034-MS1)		**Source: 1406020-01**		Prepared & Analyzed: 06/05/14						
Mercury	0.217	0.0387	mg/kg dry	0.310	0.0259	61.7	80-120			QM-07
Matrix Spike Dup (1406034-MSD1)		**Source: 1406020-01**		Prepared & Analyzed: 06/05/14						
Mercury	0.335	0.0366	mg/kg dry	0.293	0.0259	106	80-120	42.9	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Hexavalent Chromium by EPA 7196 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406026 - 3060A_Mod										
Blank (1406026-BLK1)				Prepared: 06/04/14 Analyzed: 06/05/14						
Chromium, Hexavalent	ND	2.00	mg/kg wet							
LCS (1406026-BS1)				Prepared: 06/04/14 Analyzed: 06/05/14						
Chromium, Hexavalent	22.1	2.00	mg/kg wet	20.0		111	80-120			
LCS Dup (1406026-BSD1)				Prepared: 06/04/14 Analyzed: 06/05/14						
Chromium, Hexavalent	24.6	2.00	mg/kg wet	20.0		123	80-120	10.6	20	QLCS-01
Duplicate (1406026-DUP1)		**Source: 1406020-01**		Prepared: 06/04/14 Analyzed: 06/05/14						
Chromium, Hexavalent	ND	2.46	mg/kg dry		ND				20	
Matrix Spike (1406026-MS1)		**Source: 1406020-01**		Prepared: 06/04/14 Analyzed: 06/05/14						
Chromium, Hexavalent	12.5	2.46	mg/kg dry	24.1	ND	51.9	80-120			QM-07

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Soluble Nutrients by EPA 6020/Mod. USDA60 6(2, 3A) - Dry Weight Basis - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406023 - General Preparation										
Blank (1406023-BLK1)				Prepared & Analyzed: 06/04/14						
Calcium	ND	10.0	mg/kg wet							
Magnesium	ND	5.00	"							
Sodium	6.41	5.00	"							
LCS (1406023-BS1)				Prepared & Analyzed: 06/04/14						
Calcium	386	10.0	mg/kg wet	400		96.4	80-120			
Magnesium	227	5.00	"	200		113	80-120			
Sodium	487	5.00	"	500		97.3	80-120			
LCS Dup (1406023-BSD1)				Prepared & Analyzed: 06/04/14						
Calcium	364	10.0	mg/kg wet	400		91.0	80-120	5.74	20	
Magnesium	218	5.00	"	200		109	80-120	4.21	20	
Sodium	479	5.00	"	500		95.8	80-120	1.60	20	
Matrix Spike (1406023-MS1)		**Source: 1406020-01**		Prepared & Analyzed: 06/04/14						
Calcium	23200	12.3	mg/kg dry	462	1870	NR	75-125			QM-4X
Magnesium	1970	6.14	"	231	674	563	75-125			QM-4X
Sodium	2720	6.14	"	578	1940	135	75-125			QM-4X
Matrix Spike Dup (1406023-MSD1)		**Source: 1406020-01**		Prepared & Analyzed: 06/04/14						
Calcium	24600	12.3	mg/kg dry	466	1870	NR	75-125	6.11	25	QM-4X
Magnesium	2130	6.14	"	233	674	624	75-125	7.45	25	QM-4X
Sodium	2790	6.14	"	582	1940	146	75-125	2.50	25	QM-4X

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406031 - General Preparation										
Blank (1406031-BLK1)				Prepared & Analyzed: 06/04/14						
Specific Conductance (EC)	ND	0.0100	mmhos/cm							
Duplicate (1406031-DUP1)		**Source: 1406020-01**		Prepared & Analyzed: 06/04/14						
Specific Conductance (EC)	2.57	0.0100	mmhos/cm		2.51			2.46	20	
Batch 1406032 - General Preparation										
LCS (1406032-BS1)				Prepared & Analyzed: 06/04/14						
pH	8.21	0.100	pH Units	8.00		103	0-200			
Duplicate (1406032-DUP1)		**Source: 1406020-01**		Prepared & Analyzed: 06/04/14						
pH	10.0	0.100	pH Units		9.94			1.00	20	
Batch 1406036 - General Preparation										
Duplicate (1406036-DUP1)		**Source: 1406020-01**		Prepared & Analyzed: 06/05/14						
% Solids	79.6		%		81.4			2.24	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

S-02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
QLCS-01	The spike recovery was outside acceptance limits for this analyte indicating a potential high bias. The corresponding samples did not exhibit concentrations above reporting level for this analyte. Data quality is not affected.
PRELM	Preliminary result. Revised report to follow.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 22, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/20/14 09:50. If you have any questions concerning this report, please feel free to contact me.

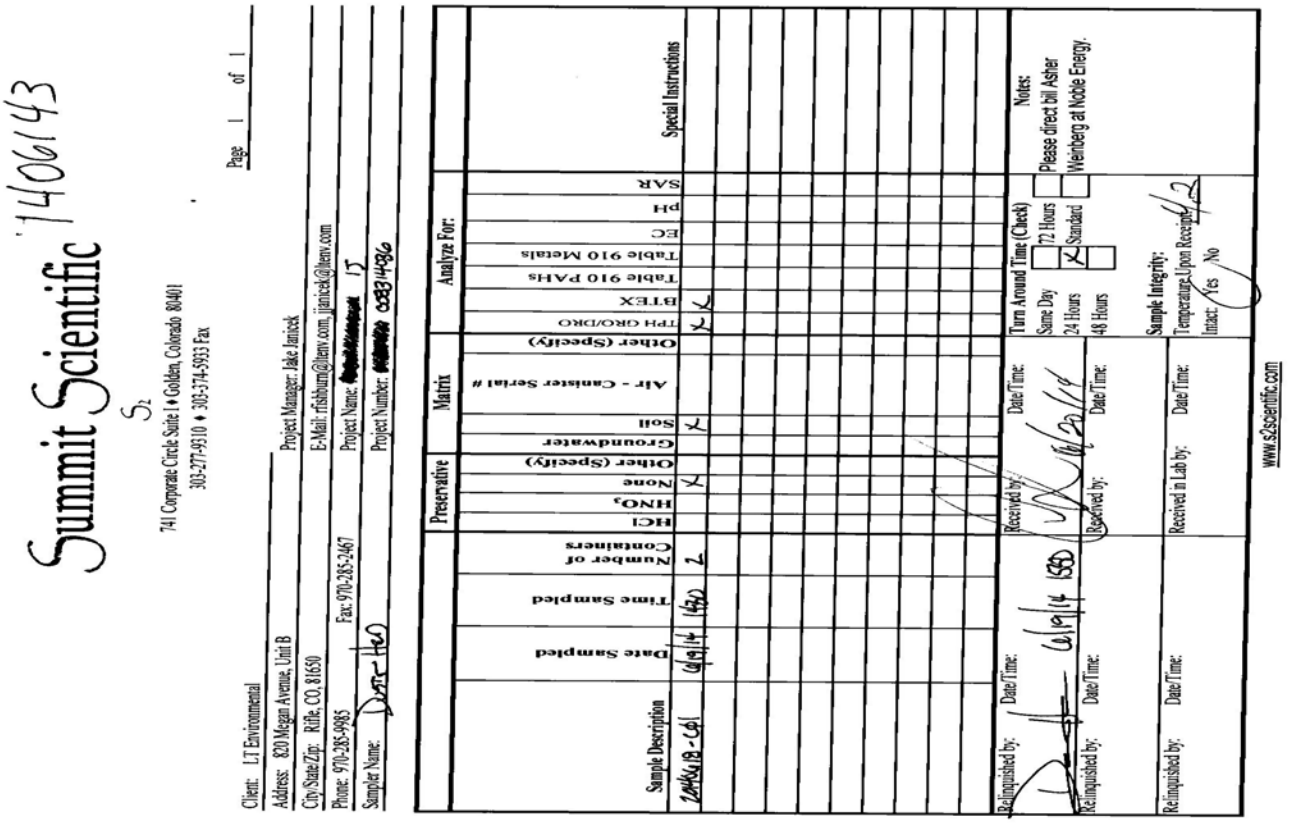
Sincerely,

Ben Shrewsbury
President / Laboratory Manager

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/22/14 21:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
20140618-C01	1406143-01	Soil	06/19/14 14:30	06/20/14 09:50



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/22/14 21:18

20140618-C01
1406143-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/19/14 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406160	06/20/14	06/20/14	8015M	

Date Sampled: **06/19/14 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*107 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/19/14 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.017**	0.0020	mg/kg	1	1406159	06/20/14	06/20/14	EPA 8260B	
Toluene	**0.27**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.11**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**1.9**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**38**	0.50	"	"	"	"	"	"	

Date Sampled: **06/19/14 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*91.2 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*84.4 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*162 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/22/14 21:18

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406160 - EPA 3550A										
Blank (1406160-BLK1)				Prepared & Analyzed: 06/20/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406160-BS1)				Prepared & Analyzed: 06/20/14						
C10-C28 (DRO)	490	50	mg/kg	498		98.4	73-134			
Matrix Spike (1406160-MS1)	**Source: 1406122-01**			Prepared & Analyzed: 06/20/14						
C10-C28 (DRO)	427	50	mg/kg	471	ND	90.6	50-148			
Matrix Spike Dup (1406160-MSD1)	**Source: 1406122-01**			Prepared & Analyzed: 06/20/14						
C10-C28 (DRO)	440	50	mg/kg	479	ND	91.9	50-148	3.09	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406159 - EPA 5030 Soil MS										
Blank (1406159-BLK1)				Prepared: 06/20/14 Analyzed: 06/21/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0347*		"	*0.0397*		*87.5*	*23-173*			
Surrogate: Toluene-d8	*0.0389*		"	*0.0400*		*97.4*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0367*		"	*0.0400*		*91.7*	*21-167*			
LCS (1406159-BS1)				Prepared: 06/20/14 Analyzed: 06/21/14						
Benzene	0.109	0.0020	mg/kg	0.100		109	58-130			
Toluene	0.112	0.0050	"	0.100		112	61-134			
Ethylbenzene	0.119	0.0050	"	0.0992		120	74-139			
m,p-Xylene	0.232	0.010	"	0.200		116	73-137			
o-Xylene	0.113	0.0050	"	0.0984		114	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0357*		"	*0.0397*		*89.8*	*23-173*			
Surrogate: Toluene-d8	*0.0393*		"	*0.0400*		*98.2*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0381*		"	*0.0400*		*95.3*	*21-167*			
Matrix Spike (1406159-MS1)		**Source: 1406122-01**		Prepared: 06/20/14 Analyzed: 06/21/14						
Benzene	0.0824	0.0020	mg/kg	0.0975	ND	84.6	30-131			
Toluene	0.0804	0.0050	"	0.0975	ND	82.5	30-134			
Ethylbenzene	0.0828	0.0050	"	0.0967	ND	85.7	22-153			
m,p-Xylene	0.160	0.010	"	0.195	ND	82.2	10-159			
o-Xylene	0.0791	0.0050	"	0.0959	ND	82.5	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0351*		"	*0.0387*		*90.7*	*23-173*			
Surrogate: Toluene-d8	*0.0383*		"	*0.0390*		*98.2*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0366*		"	*0.0390*		*93.8*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/22/14 21:18

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406159 - EPA 5030 Soil MS										
Matrix Spike Dup (1406159-MSD1)	**Source: 1406122-01**			Prepared: 06/20/14 Analyzed: 06/21/14						
Benzene	0.0828	0.0020	mg/kg	0.0982	ND	84.3	30-131	0.463	34	
Toluene	0.0812	0.0050	"	0.0982	ND	82.6	30-134	0.928	30	
Ethylbenzene	0.0852	0.0050	"	0.0974	ND	87.5	22-153	2.84	24	
m,p-Xylene	0.166	0.010	"	0.196	ND	84.6	10-159	3.59	68	
o-Xylene	0.0816	0.0050	"	0.0967	ND	84.4	31-151	3.05	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0353*		*"*	*0.0390*		*90.6*	*23-173*			
Surrogate: Toluene-d8	*0.0388*		*"*	*0.0393*		*98.7*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0380*		*"*	*0.0393*		*96.7*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/22/14 21:18

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 24, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/21/14 08:55. If you have any questions concerning this report, please feel free to contact me.

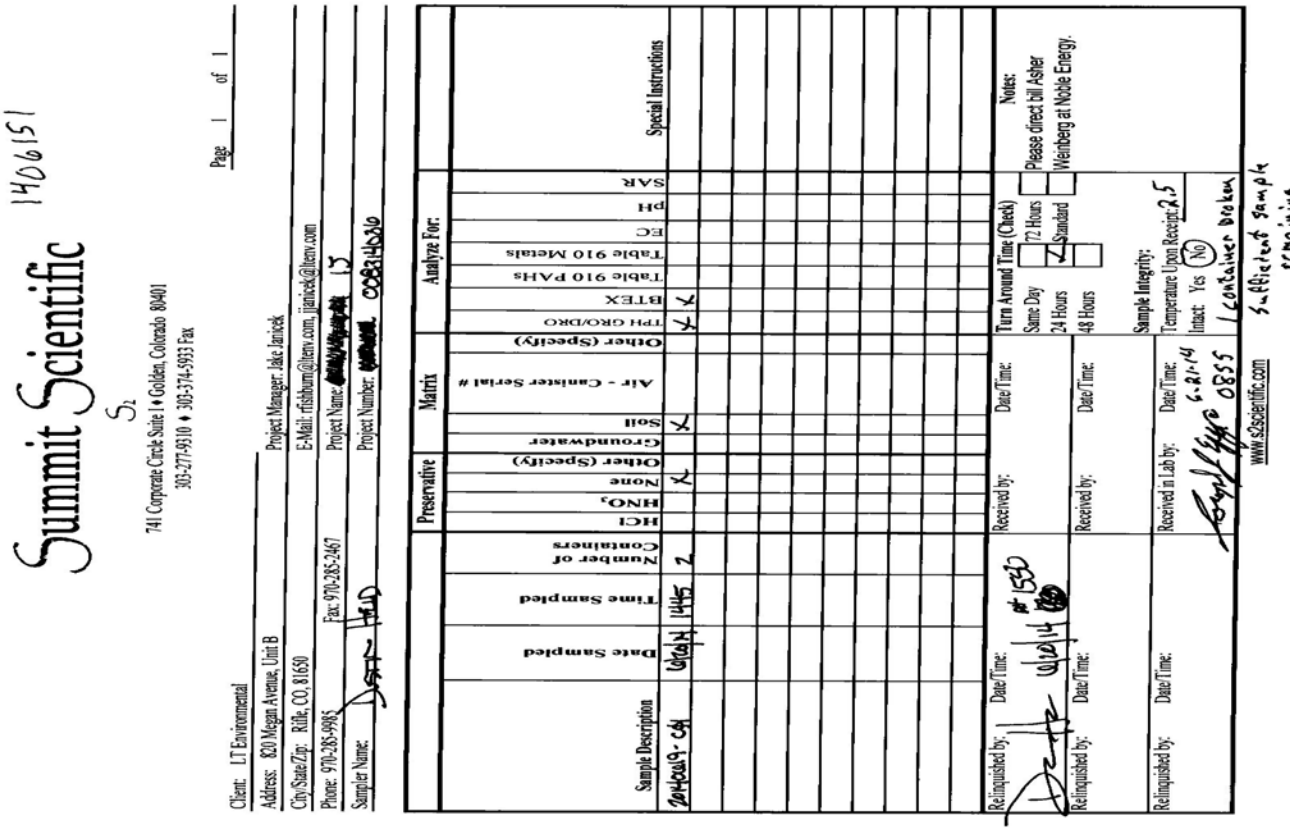
Sincerely,

Ben Shrewsbury
President / Laboratory Manager

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
20140619-C01	1406151-01	Soil	06/20/14 14:45	06/21/14 08:55



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:51

20140619-C01
1406151-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/20/14 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**81**	50	mg/kg	1	1406170	06/21/14	06/21/14	8015M	

Date Sampled: **06/20/14 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*106 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/20/14 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.0055**	0.0020	mg/kg	1	1406171	06/21/14	06/21/14	EPA 8260B	
Toluene	**0.10**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.041**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.96**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**17**	0.50	"	"	"	"	"	"	

Date Sampled: **06/20/14 14:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*89.8 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*91.6 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*117 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:51

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406170 - EPA 3550A										
Blank (1406170-BLK1)				Prepared & Analyzed: 06/21/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406170-BS1)				Prepared & Analyzed: 06/21/14						
C10-C28 (DRO)	474	50	mg/kg	489		96.9	73-134			
Matrix Spike (1406170-MS1)	**Source: 1406151-01**			Prepared & Analyzed: 06/21/14						
C10-C28 (DRO)	543	50	mg/kg	499	81.1	92.5	50-148			
Matrix Spike Dup (1406170-MSD1)	**Source: 1406151-01**			Prepared & Analyzed: 06/21/14						
C10-C28 (DRO)	544	50	mg/kg	501	81.1	92.4	50-148	0.235	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406171 - EPA 5030 Soil MS										
Blank (1406171-BLK1)				Prepared & Analyzed: 06/21/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0349*		"	*0.0395*		*88.3*	*23-173*			
Surrogate: Toluene-d8	*0.0387*		"	*0.0398*		*97.1*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0375*		"	*0.0398*		*94.0*	*21-167*			
LCS (1406171-BS1)				Prepared & Analyzed: 06/21/14						
Benzene	0.0991	0.0020	mg/kg	0.0975		102	58-130			
Toluene	0.101	0.0050	"	0.0975		104	61-134			
Ethylbenzene	0.108	0.0050	"	0.0967		111	74-139			
m,p-Xylene	0.213	0.010	"	0.195		109	73-137			
o-Xylene	0.103	0.0050	"	0.0959		108	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0336*		"	*0.0387*		*86.8*	*23-173*			
Surrogate: Toluene-d8	*0.0380*		"	*0.0390*		*97.5*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0367*		"	*0.0390*		*94.1*	*21-167*			
Matrix Spike (1406171-MS1)		**Source: 1406151-01**		Prepared & Analyzed: 06/21/14						
Benzene	0.0549	0.0012	mg/kg	0.0611	0.00545	81.0	30-131			
Toluene	0.168	0.0031	"	0.0611	0.105	103	30-134			QM-07
Ethylbenzene	0.0757	0.0031	"	0.0606	0.0409	57.4	22-153			
m,p-Xylene	0.699	0.0061	"	0.122	0.766	NR	10-159			QM-07
o-Xylene	0.188	0.0031	"	0.0601	0.190	NR	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0228*		"	*0.0243*		*94.1*	*23-173*			
Surrogate: Toluene-d8	*0.0223*		"	*0.0244*		*91.1*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0289*		"	*0.0244*		*118*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406171 - EPA 5030 Soil MS										
Matrix Spike Dup (1406171-MSD1)		**Source: 1406151-01**		Prepared & Analyzed: 06/21/14						
Benzene	0.0877	0.0020	mg/kg	0.0967	0.00545	85.0	30-131	45.9	34	
Toluene	0.258	0.0050	"	0.0967	0.105	159	30-134	42.4	30	QM-07
Ethylbenzene	0.123	0.0050	"	0.0959	0.0409	85.8	22-153	47.8	24	
m,p-Xylene	1.18	0.010	"	0.193	0.766	214	10-159	51.1	68	QM-07
o-Xylene	0.296	0.0050	"	0.0952	0.190	111	31-151	44.3	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0354*		*"*	*0.0384*		*92.2*	*23-173*			
Surrogate: Toluene-d8	*0.0339*		*"*	*0.0387*		*87.7*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0468*		*"*	*0.0387*		*121*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:51

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 24, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/24/14 10:00. If you have any questions concerning this report, please feel free to contact me.

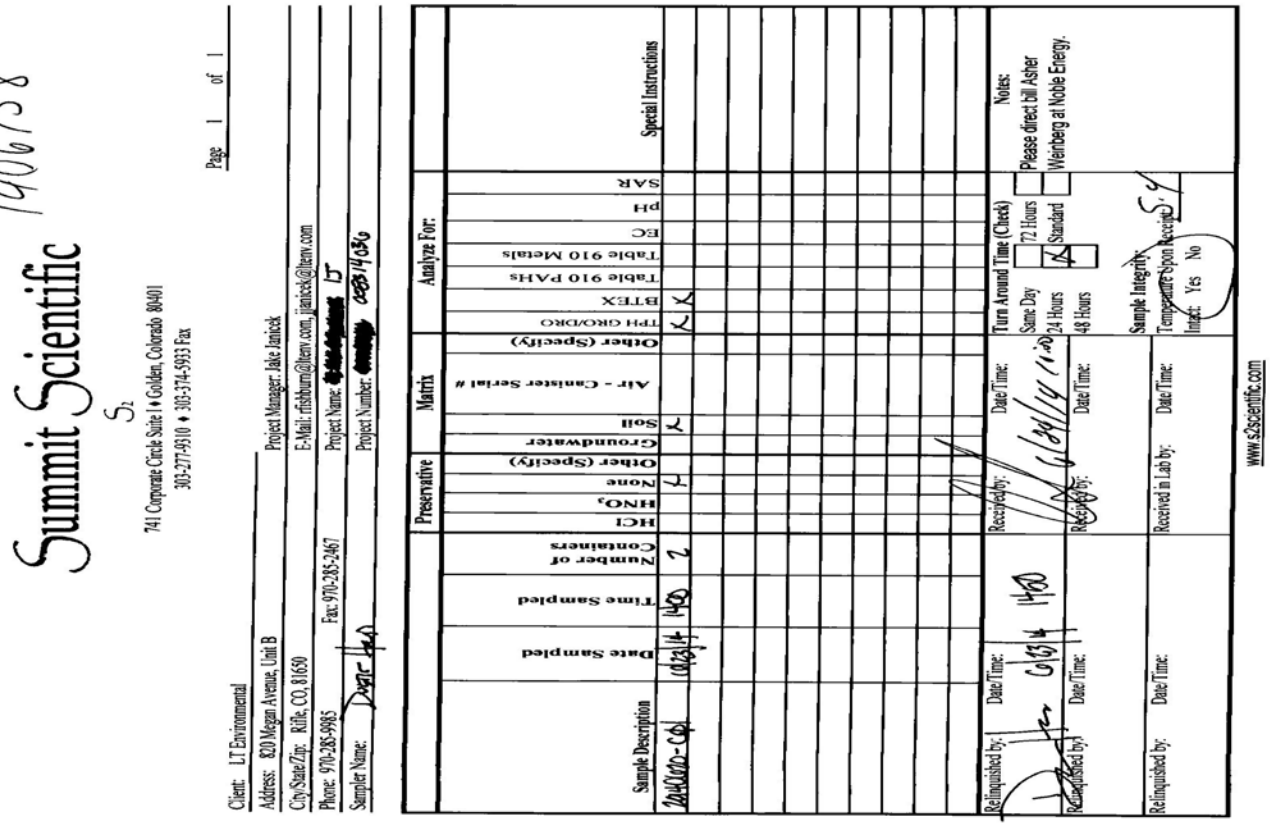
Sincerely,

Ben Shrewsbury
President / Laboratory Manager

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
20140620-C01	1406158-01	Soil	06/23/14 14:00	06/24/14 10:00



LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:31

20140620-C01
1406158-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/23/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**71**	50	mg/kg	1	1406185	06/24/14	06/24/14	8015M	

Date Sampled: **06/23/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*108 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/23/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406184	06/24/14	06/24/14	EPA 8260B	
Toluene	**0.028**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.019**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.50**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**12**	0.50	"	"	"	"	"	"	

Date Sampled: **06/23/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:31

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406185 - EPA 3550A										
Blank (1406185-BLK1)				Prepared & Analyzed: 06/24/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406185-BS1)				Prepared & Analyzed: 06/24/14						
C10-C28 (DRO)	468	50	mg/kg	501		93.3	73-134			
Matrix Spike (1406185-MS1)	**Source: 1406158-01**			Prepared & Analyzed: 06/24/14						
C10-C28 (DRO)	470	50	mg/kg	501	71.0	79.7	50-148			
Matrix Spike Dup (1406185-MSD1)	**Source: 1406158-01**			Prepared & Analyzed: 06/24/14						
C10-C28 (DRO)	469	50	mg/kg	501	71.0	79.3	50-148	0.352	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406184 - EPA 5030 Soil MS										
Blank (1406184-BLK1)				Prepared & Analyzed: 06/24/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0352*		"	*0.0397*		*88.7*	*23-173*			
Surrogate: Toluene-d8	*0.0395*		"	*0.0400*		*98.7*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0379*		"	*0.0400*		*94.8*	*21-167*			
LCS (1406184-BS1)				Prepared & Analyzed: 06/24/14						
Benzene	0.0875	0.0020	mg/kg	0.100		87.5	58-130			
Toluene	0.0917	0.0050	"	0.100		91.7	61-134			
Ethylbenzene	0.0955	0.0050	"	0.0992		96.2	74-139			
m,p-Xylene	0.207	0.010	"	0.200		104	73-137			
o-Xylene	0.0871	0.0050	"	0.0984		88.5	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0368*		"	*0.0397*		*92.6*	*23-173*			
Surrogate: Toluene-d8	*0.0401*		"	*0.0400*		*100*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0378*		"	*0.0400*		*94.5*	*21-167*			
Matrix Spike (1406184-MS1)		**Source: 1406158-01**		Prepared & Analyzed: 06/24/14						
Benzene	0.116	0.0020	mg/kg	0.100	ND	116	30-131			
Toluene	0.161	0.0050	"	0.100	0.0282	132	30-134			
Ethylbenzene	0.167	0.0050	"	0.0992	0.0185	149	22-153			
m,p-Xylene	0.889	0.010	"	0.200	0.391	249	10-159			QM-07
o-Xylene	0.280	0.0050	"	0.0984	0.112	171	31-151			QM-07
Surrogate: 1,2-Dichloroethane-d4	*0.0454*		"	*0.0397*		*114*	*23-173*			
Surrogate: Toluene-d8	*0.0434*		"	*0.0400*		*108*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0425*		"	*0.0400*		*106*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406184 - EPA 5030 Soil MS										
Matrix Spike Dup (1406184-MSD1)		**Source: 1406158-01**		Prepared & Analyzed: 06/24/14						
Benzene	0.117	0.0020	mg/kg	0.100	ND	117	30-131	0.976	34	
Toluene	0.140	0.0050	"	0.100	0.0282	111	30-134	14.0	30	
Ethylbenzene	0.147	0.0050	"	0.0992	0.0185	129	22-153	12.9	24	
m,p-Xylene	0.620	0.010	"	0.200	0.391	115	10-159	35.7	68	
o-Xylene	0.222	0.0050	"	0.0984	0.112	111	31-151	23.2	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0461*		*"*	*0.0397*		*116*	*23-173*			
Surrogate: Toluene-d8	*0.0430*		*"*	*0.0400*		*107*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0409*		*"*	*0.0400*		*102*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/24/14 18:31

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 25, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/25/14 10:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Shrewsbury
President / Laboratory Manager

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/25/14 17:05

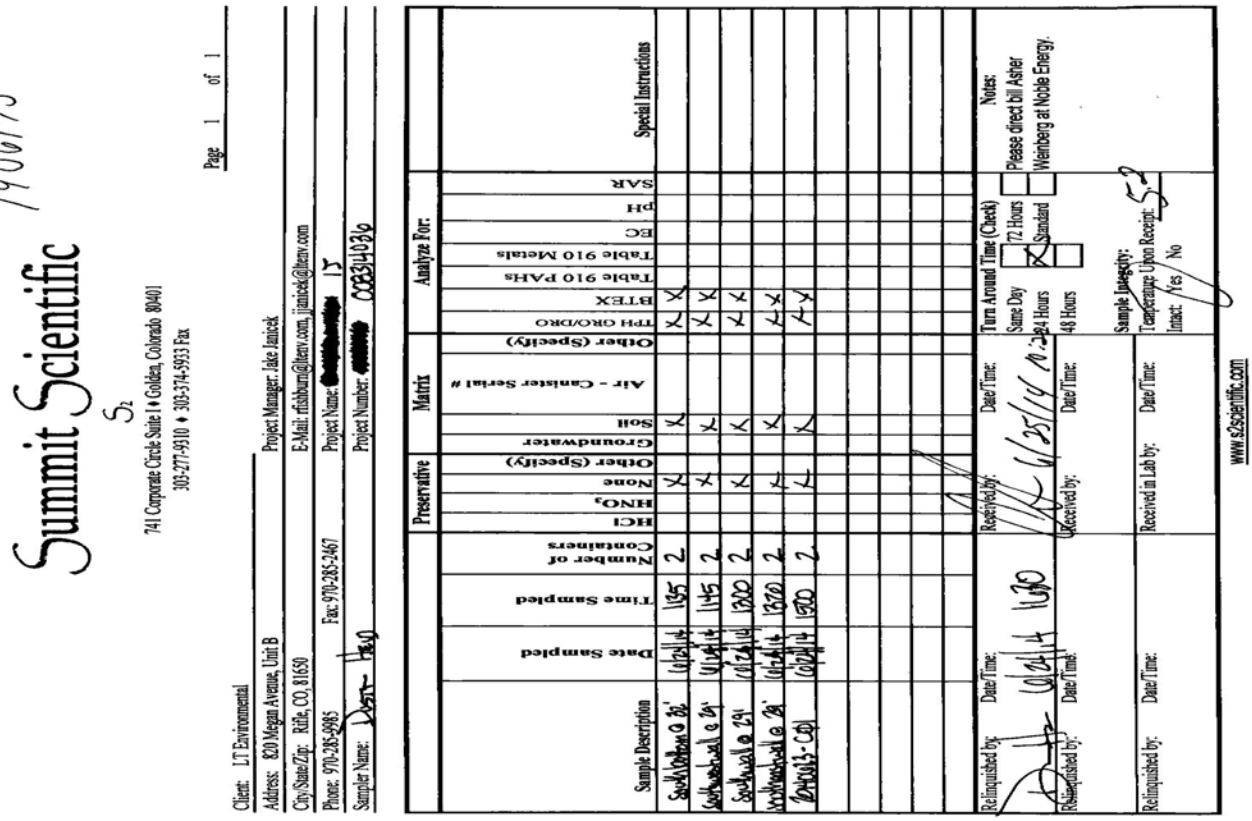
ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Southbottom@32'	1406175-01	Soil	06/24/14 11:35	06/25/14 10:20
Southwestwall@29'	1406175-02	Soil	06/24/14 11:45	06/25/14 10:20
Southwall@29'	1406175-03	Soil	06/24/14 13:00	06/25/14 10:20
Southeastwall@29'	1406175-04	Soil	06/24/14 13:20	06/25/14 10:20
20140623-C01	1406175-05	Soil	06/24/14 15:00	06/25/14 10:20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/25/14 17:05



Summit Scientific

S2

741 Corporate Circle Suite I • Golden, Colorado 80401

303-277-9910 • 303-374-5913 Fax

Page 1 of 1

Client: LT Environmental

Address: 820 Megan Avenue, Unit B — Project Manager: Jake Janicek

City/State/Zip: Rifle, CO. 81650 — E-Mail: rfishburn@ltenv.com, jjanicek@ltenv.com

Phone: 970-285-9985 — Fax: 970-285-2467 — Project Name: [redacted] 13

Sampler Name: Dustin Hall — Project Number: [redacted] 0083140360

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative: HCl	HNO_3	None	Other (Specify)	Matrix: Groundwater	Soil	Air - Canister Serial #	Analyze For: Other (Specify)	TPH GRO/DRO	BTEX	Table 910 PAHs	Table 910 Metals	EC	pH	SAR	Special Instructions
South Bottom @ 26'	6/23/14	1135	2			X			X			X	X						
Southeast @ 6'	6/23/14	1145	2			X			X			X	X						
South @ 29'	6/23/14	1300	2			X			X			X	X						
Northeast @ 28'	6/23/14	1320	2			X			X			X	X						
Bentonite - Cal	6/23/14	1320	2			X			X			X	X						

Relinquished by: Date/Time: 6/24/14 1430 — Received by: Date/Time: 6/25/14 10:30

Relinquished by: Date/Time: — Received by: Date/Time:

Relinquished by: Date/Time: — Received in Lab by: Date/Time:

Turn Around Time (Check): 72 Hours; Same Day; Standard; 24 Hours; 48 Hours

Notes: Please direct bill Asher Weinberg at Noble Energy.

Sample Integrity: Temp/Leakage Upon Receipt: 5.9 °C; Intact: Yes / No

www.s2scientific.com

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/25/14 17:05

Southbottom@32'
1406175-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/24/14 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406195	06/25/14	06/25/14	8015M	

Date Sampled: **06/24/14 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*108 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/24/14 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406194	06/25/14	06/25/14	EPA 8260B	
Toluene	**0.014**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.0080**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.17**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**2.9**	0.50	"	"	"	"	"	"	

Date Sampled: **06/24/14 11:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*88.0 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*96.5 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/25/14 17:05

Southwestwall@29'
1406175-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/24/14 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406195	06/25/14	06/25/14	8015M	

Date Sampled: **06/24/14 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*100 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/24/14 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406194	06/25/14	06/25/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.070**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**0.67**	0.50	"	"	"	"	"	"	

Date Sampled: **06/24/14 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*99.1 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/25/14 17:05

Southwall@29'
1406175-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/24/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406195	06/25/14	06/25/14	8015M	

Date Sampled: **06/24/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*106 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/24/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406194	06/25/14	06/25/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.024**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/24/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*91.0 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/25/14 17:05

Southeastwall@29'

1406175-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/24/14 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406195	06/25/14	06/25/14	8015M	

Date Sampled: **06/24/14 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*95.7 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/24/14 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406194	06/25/14	06/25/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.0050**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.10**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**1.0**	0.50	"	"	"	"	"	"	

Date Sampled: **06/24/14 13:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*89.8 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/25/14 17:05

20140623-C01
1406175-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/24/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406195	06/25/14	06/25/14	8015M	

Date Sampled: **06/24/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*104 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/24/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406194	06/25/14	06/25/14	EPA 8260B	
Toluene	**0.025**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.015**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.42**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**9.0**	0.50	"	"	"	"	"	"	

Date Sampled: **06/24/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*94.2 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406195 - EPA 3550A										
Blank (1406195-BLK1)				Prepared & Analyzed: 06/25/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406195-BS1)				Prepared & Analyzed: 06/25/14						
C10-C28 (DRO)	471	50	mg/kg	501		93.9	73-134			
Matrix Spike (1406195-MS1)	**Source: 1406175-01**			Prepared & Analyzed: 06/25/14						
C10-C28 (DRO)	439	50	mg/kg	465	ND	94.4	50-148			
Matrix Spike Dup (1406195-MSD1)	**Source: 1406175-01**			Prepared & Analyzed: 06/25/14						
C10-C28 (DRO)	449	50	mg/kg	473	ND	95.0	50-148	2.37	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406194 - EPA 5030 Soil MS										
Blank (1406194-BLK1)				Prepared & Analyzed: 06/25/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0454*		"	*0.0397*		*114*	*23-173*			
Surrogate: Toluene-d8	*0.0395*		"	*0.0400*		*98.7*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0386*		"	*0.0400*		*96.6*	*21-167*			
LCS (1406194-BS1)				Prepared & Analyzed: 06/25/14						
Benzene	0.0865	0.0020	mg/kg	0.100		86.5	58-130			
Toluene	0.0986	0.0050	"	0.100		98.6	61-134			
Ethylbenzene	0.129	0.0050	"	0.0992		131	74-139			
m,p-Xylene	0.257	0.010	"	0.200		129	73-137			
o-Xylene	0.130	0.0050	"	0.0984		132	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0428*		"	*0.0397*		*108*	*23-173*			
Surrogate: Toluene-d8	*0.0393*		"	*0.0400*		*98.3*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0378*		"	*0.0400*		*94.6*	*21-167*			
Matrix Spike (1406194-MS1)		**Source: 1406175-01**		Prepared & Analyzed: 06/25/14						
Benzene	0.0838	0.0020	mg/kg	0.0931	ND	90.0	30-131			
Toluene	0.0956	0.0050	"	0.0931	0.0141	87.5	30-134			
Ethylbenzene	0.123	0.0050	"	0.0924	0.00799	125	22-153			
m,p-Xylene	0.263	0.010	"	0.186	0.139	66.6	10-159			
o-Xylene	0.127	0.0050	"	0.0916	0.0294	106	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0418*		"	*0.0370*		*113*	*23-173*			
Surrogate: Toluene-d8	*0.0371*		"	*0.0372*		*99.7*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0355*		"	*0.0372*		*95.2*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406194 - EPA 5030 Soil MS										
Matrix Spike Dup (1406194-MSD1)		**Source: 1406175-01**		Prepared & Analyzed: 06/25/14						
Benzene	0.0845	0.0020	mg/kg	0.0958	ND	88.2	30-131	0.880	34	
Toluene	0.0958	0.0050	"	0.0958	0.0141	85.2	30-134	0.169	30	
Ethylbenzene	0.125	0.0050	"	0.0950	0.00799	123	22-153	1.00	24	
m,p-Xylene	0.258	0.010	"	0.191	0.139	62.0	10-159	2.02	68	
o-Xylene	0.126	0.0050	"	0.0943	0.0294	103	31-151	0.392	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0436*		*"*	*0.0380*		*115*	*23-173*			
Surrogate: Toluene-d8	*0.0374*		*"*	*0.0383*		*97.7*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0361*		*"*	*0.0383*		*94.4*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 26, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/26/14 10:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Shrewsbury
President / Laboratory Manager

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/26/14 17:52

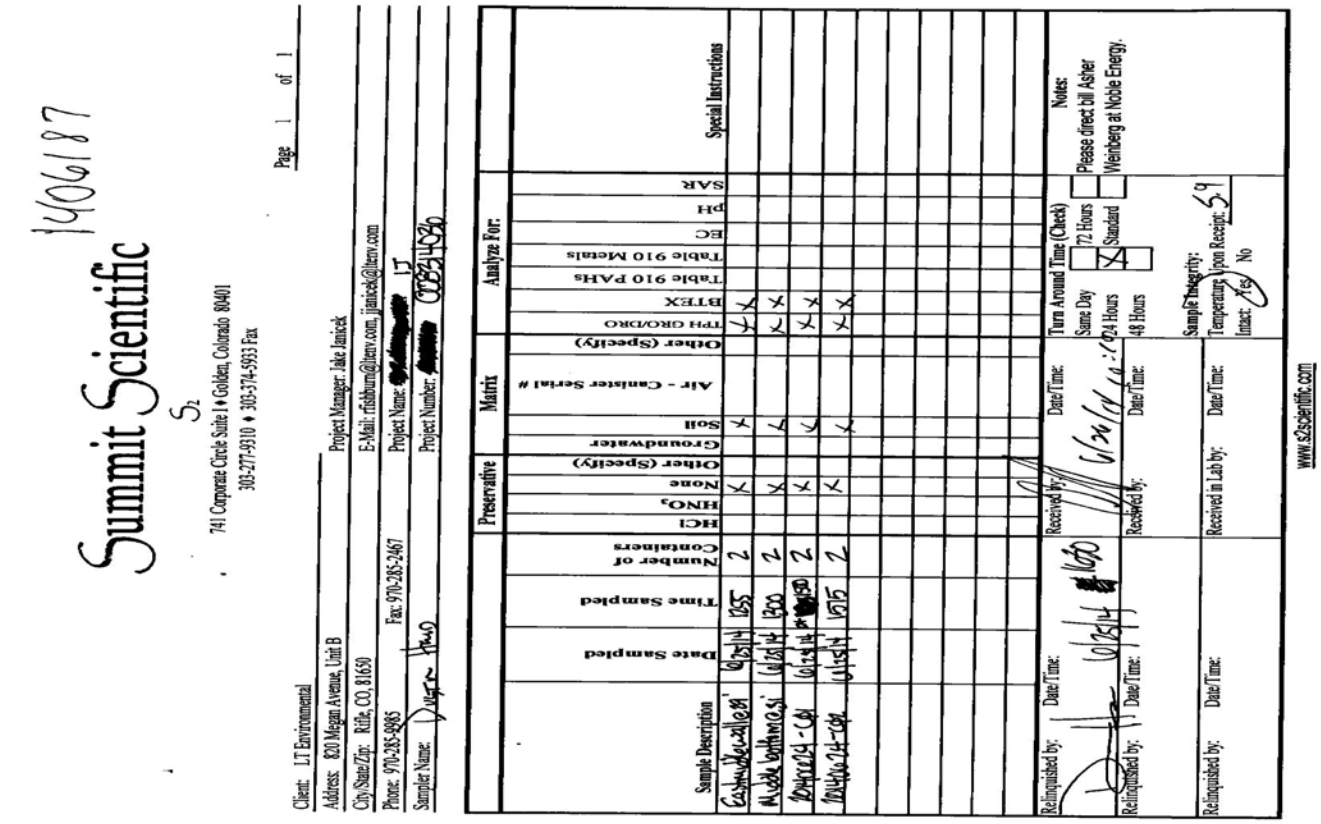
ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Eastmiddlewall@29'	1406187-01	Soil	06/25/14 12:55	06/26/14 10:10
Middlebottom@31'	1406187-02	Soil	06/25/14 13:00	06/26/14 10:10
20140624-C01	1406187-03	Soil	06/25/14 15:00	06/26/14 10:10
20140624-C02	1406187-04	Soil	06/25/14 15:15	06/26/14 10:10

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/26/14 17:52



Summit Scientific

S2

741 Corporate Circle Suite I • Golden, Colorado 80401

303-277-9310 • 303-374-5933 Fax

1406187

Page 1 of 1

Client: LT Environmental

Address: 820 Megan Avenue, Unit B

City/State/Zip: Rifle, CO, 81650

Phone: 970-285-8985 Fax: 970-285-2467

Sampler Name:

Project Manager: Jake Janicek

E-Mail: rdobum@ltenv.com, jjanicek@ltenv.com

Project Name:

Project Number:

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative: HCl	HNO_3	None	Other (Specify)	Matrix: Groundwater	Soil	Air - Canister Serial #	Other (Specify)	Analyze For: TPH GRO/DRO	BTEX	Table 910 PAHs	Table 910 Metals	EC	pH	SAR	Special Instructions

Relinquished by: Date/Time: Received by: Date/Time:

Relinquished by: Date/Time: Received by: Date/Time:

Relinquished by: Date/Time: Received in Lab by: Date/Time:

Turn Around Time (Check): 72 Hours, Same Day, 24 Hours, 48 Hours, Standard

Notes: Please direct bill Asher Weinberg at Noble Energy.

Sample Integrity: Temperature Upon Receipt: 5.9 Intact: Yes No

www.SciScientific.com

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/26/14 17:52

Eastmiddlewall@29'
1406187-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/14 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406209	06/26/14	06/26/14	8015M	

Date Sampled: **06/25/14 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*102 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/25/14 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406208	06/26/14	06/26/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.018**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/14 12:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.7 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/26/14 17:52

Middlebottom@31'

1406187-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**81**	50	mg/kg	1	1406209	06/26/14	06/26/14	8015M	

Date Sampled: **06/25/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*97.4 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/25/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406208	06/26/14	06/26/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.12**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**3.3**	0.50	"	"	"	"	"	"	

Date Sampled: **06/25/14 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*91.2 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*97.2 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/26/14 17:52

20140624-C01
1406187-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**56**	50	mg/kg	1	1406209	06/26/14	06/26/14	8015M	

Date Sampled: **06/25/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*112 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/25/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.027**	0.0020	mg/kg	1	1406208	06/26/14	06/26/14	EPA 8260B	
Toluene	**0.50**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.16**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**6.1**	0.050	"	10	"	"	"	"	
Gasoline Range Hydrocarbons	**30**	0.50	"	1	"	"	"	"	

Date Sampled: **06/25/14 15:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*87.5 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*86.5 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*123 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/26/14 17:52

20140624-C02
1406187-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/25/14 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406209	06/26/14	06/26/14	8015M	

Date Sampled: **06/25/14 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*90.0 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/25/14 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.011**	0.0018	mg/kg	1	1406208	06/26/14	06/26/14	EPA 8260B	
Toluene	**0.25**	0.0045	"	"	"	"	"	"	
Ethylbenzene	**0.082**	0.0045	"	"	"	"	"	"	
Xylenes (total)	**1.4**	0.0045	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**15**	0.45	"	"	"	"	"	"	

Date Sampled: **06/25/14 15:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*88.9 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*91.1 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*113 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406209 - EPA 3550A										
Blank (1406209-BLK1)				Prepared & Analyzed: 06/26/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406209-BS1)				Prepared & Analyzed: 06/26/14						
C10-C28 (DRO)	532	50	mg/kg	501		106	73-134			
Matrix Spike (1406209-MS1)	**Source: 1406187-01**			Prepared & Analyzed: 06/26/14						
C10-C28 (DRO)	442	50	mg/kg	466	ND	94.7	50-148			
Matrix Spike Dup (1406209-MSD1)	**Source: 1406187-01**			Prepared & Analyzed: 06/26/14						
C10-C28 (DRO)	472	50	mg/kg	463	ND	102	50-148	6.59	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406208 - EPA 5030 Soil MS										
Blank (1406208-BLK1)				Prepared & Analyzed: 06/26/14						
Benzene	ND	0.0018	mg/kg							
Toluene	ND	0.0045	"							
Ethylbenzene	ND	0.0045	"							
Xylenes (total)	ND	0.0045	"							
Gasoline Range Hydrocarbons	ND	0.45	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0327*		"	*0.0360*		*90.8*	*23-173*			
Surrogate: Toluene-d8	*0.0355*		"	*0.0362*		*98.0*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0361*		"	*0.0362*		*99.5*	*21-167*			
LCS (1406208-BS1)				Prepared & Analyzed: 06/26/14						
Benzene	0.108	0.0020	mg/kg	0.0969		111	58-130			
Toluene	0.115	0.0050	"	0.0969		119	61-134			
Ethylbenzene	0.118	0.0050	"	0.0961		123	74-139			
m,p-Xylene	0.228	0.010	"	0.193		118	73-137			
o-Xylene	0.111	0.0050	"	0.0953		117	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0353*		"	*0.0385*		*91.7*	*23-173*			
Surrogate: Toluene-d8	*0.0397*		"	*0.0388*		*102*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0374*		"	*0.0388*		*96.5*	*21-167*			
Matrix Spike (1406208-MS1)		**Source: 1406187-01**		Prepared & Analyzed: 06/26/14						
Benzene	0.110	0.0020	mg/kg	0.0975	ND	112	30-131			
Toluene	0.117	0.0050	"	0.0975	0.00302	117	30-134			
Ethylbenzene	0.120	0.0050	"	0.0967	ND	124	22-153			
m,p-Xylene	0.241	0.010	"	0.195	0.0145	116	10-159			
o-Xylene	0.115	0.0050	"	0.0959	0.00328	117	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0407*		"	*0.0387*		*105*	*23-173*			
Surrogate: Toluene-d8	*0.0394*		"	*0.0390*		*101*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0376*		"	*0.0390*		*96.5*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406208 - EPA 5030 Soil MS										
Matrix Spike Dup (1406208-MSD1)		**Source: 1406187-01**		Prepared & Analyzed: 06/26/14						
Benzene	0.113	0.0020	mg/kg	0.0994	ND	113	30-131	2.71	34	
Toluene	0.116	0.0050	"	0.0994	0.00302	114	30-134	0.416	30	
Ethylbenzene	0.121	0.0050	"	0.0986	ND	123	22-153	1.38	24	
m,p-Xylene	0.246	0.010	"	0.198	0.0145	117	10-159	2.17	68	
o-Xylene	0.117	0.0050	"	0.0978	0.00328	117	31-151	1.64	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0420*		*"*	*0.0395*		*106*	*23-173*			
Surrogate: Toluene-d8	*0.0403*		*"*	*0.0398*		*101*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0388*		*"*	*0.0398*		*97.5*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/26/14 17:52

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 27, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/27/14 10:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Shrewsbury
President / Laboratory Manager

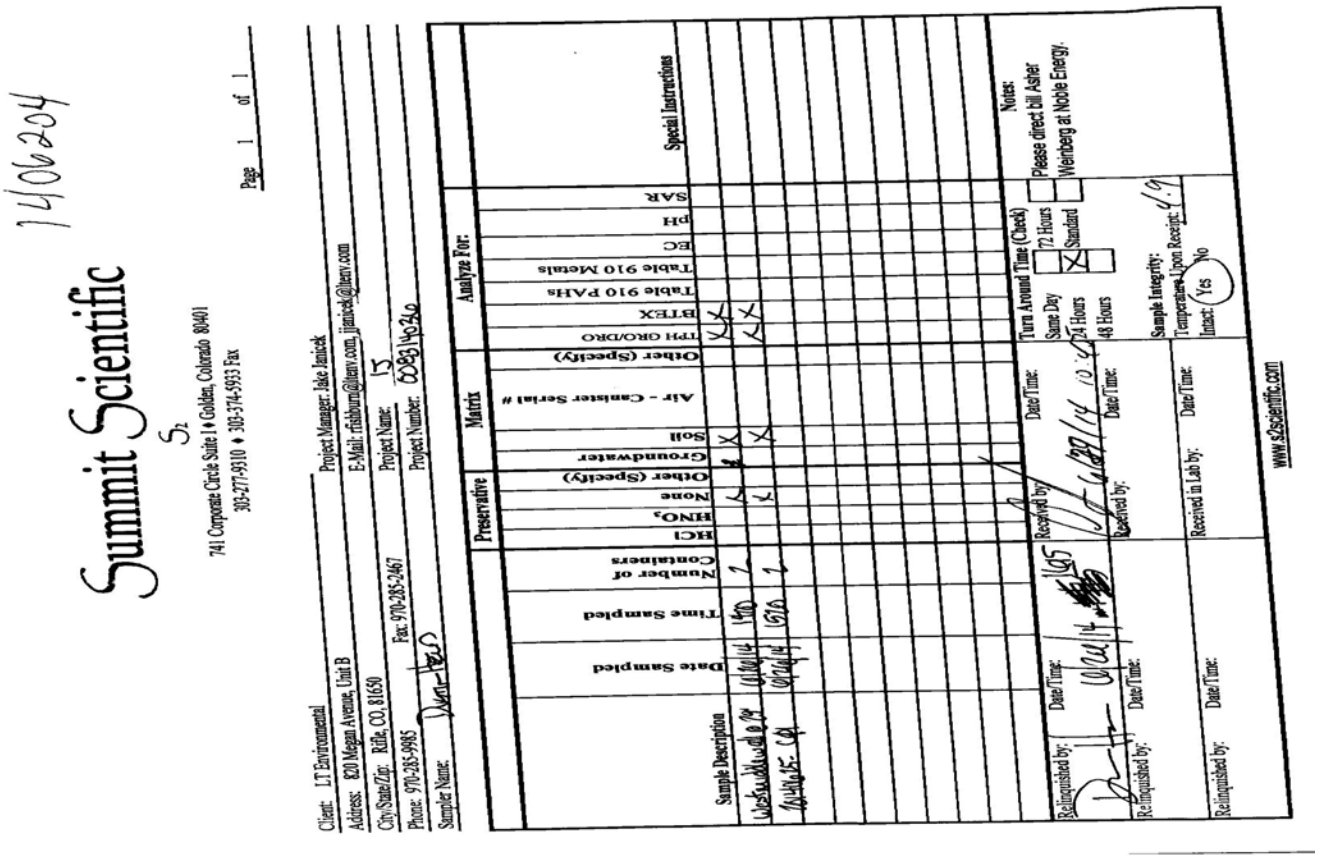
LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/27/14 18:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WestMiddleWall@29'	1406204-01	Soil	06/26/14 14:00	06/27/14 10:45
20140625-C01	1406204-02	Soil	06/26/14 15:20	06/27/14 10:45

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/27/14 18:53



LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/27/14 18:53

WestMiddleWall@29'
1406204-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/26/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406221	06/27/14	06/27/14	8015M	

Date Sampled: **06/26/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*100 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/26/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.0075**	0.0020	mg/kg	1	1406222	06/27/14	06/27/14	EPA 8260B	
Toluene	**0.012**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.0091**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.12**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/26/14 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*88.3 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/27/14 18:53

20140625-C01
1406204-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/26/14 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**68**	50	mg/kg	1	1406221	06/27/14	06/27/14	8015M	

Date Sampled: **06/26/14 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*96.8 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/26/14 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.014**	0.0020	mg/kg	1	1406222	06/27/14	06/27/14	EPA 8260B	
Toluene	**0.38**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.15**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**2.1**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**29**	0.50	"	"	"	"	"	"	

Date Sampled: **06/26/14 15:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*87.7 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*90.2 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*124 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/27/14 18:53

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406221 - EPA 3550A										
Blank (1406221-BLK1)				Prepared & Analyzed: 06/27/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406221-BS1)				Prepared & Analyzed: 06/27/14						
C10-C28 (DRO)	511	50	mg/kg	476		107	73-134			
Matrix Spike (1406221-MS1)		**Source: 1406202-01**		Prepared & Analyzed: 06/27/14						
C10-C28 (DRO)	1990	50	mg/kg	458	1710	62.2	50-148			
Matrix Spike Dup (1406221-MSD1)		**Source: 1406202-01**		Prepared & Analyzed: 06/27/14						
C10-C28 (DRO)	2040	50	mg/kg	470	1710	70.9	50-148	2.40	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406222 - EPA 5030 Soil MS										
Blank (1406222-BLK1)				Prepared & Analyzed: 06/27/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0399*		"	*0.0387*		*103*	*23-173*			
Surrogate: Toluene-d8	*0.0395*		"	*0.0390*		*101*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0387*		"	*0.0390*		*99.2*	*21-167*			
LCS (1406222-BS1)				Prepared & Analyzed: 06/27/14						
Benzene	0.110	0.0020	mg/kg	0.0996		110	58-130			
Toluene	0.116	0.0050	"	0.0996		116	61-134			
Ethylbenzene	0.122	0.0050	"	0.0988		123	74-139			
m,p-Xylene	0.235	0.010	"	0.199		118	73-137			
o-Xylene	0.115	0.0050	"	0.0980		118	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0388*		"	*0.0395*		*98.2*	*23-173*			
Surrogate: Toluene-d8	*0.0405*		"	*0.0398*		*102*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0375*		"	*0.0398*		*94.1*	*21-167*			
Matrix Spike (1406222-MS1)		**Source: 1406203-01**		Prepared & Analyzed: 06/27/14						
Benzene	0.108	0.0020	mg/kg	0.0963	ND	112	30-131			
Toluene	0.113	0.0050	"	0.0963	ND	117	30-134			
Ethylbenzene	0.119	0.0050	"	0.0956	ND	125	22-153			
m,p-Xylene	0.230	0.010	"	0.192	ND	120	10-159			
o-Xylene	0.113	0.0050	"	0.0948	ND	119	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0395*		"	*0.0382*		*103*	*23-173*			
Surrogate: Toluene-d8	*0.0391*		"	*0.0385*		*102*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0372*		"	*0.0385*		*96.4*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406222 - EPA 5030 Soil MS										
Matrix Spike Dup (1406222-MSD1)		**Source: 1406203-01**		Prepared & Analyzed: 06/27/14						
Benzene	0.107	0.0020	mg/kg	0.0929	ND	115	30-131	1.37	34	
Toluene	0.112	0.0050	"	0.0929	ND	121	30-134	0.700	30	
Ethylbenzene	0.114	0.0050	"	0.0922	ND	124	22-153	4.62	24	
m,p-Xylene	0.219	0.010	"	0.186	ND	118	10-159	4.88	68	
o-Xylene	0.107	0.0050	"	0.0914	ND	117	31-151	5.43	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0389*		*"*	*0.0369*		*105*	*23-173*			
Surrogate: Toluene-d8	*0.0390*		*"*	*0.0372*		*105*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0355*		*"*	*0.0372*		*95.6*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 06/27/14 18:53

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

July 02, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 06/28/14 16:13. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ben Shrewsbury
President / Laboratory Manager

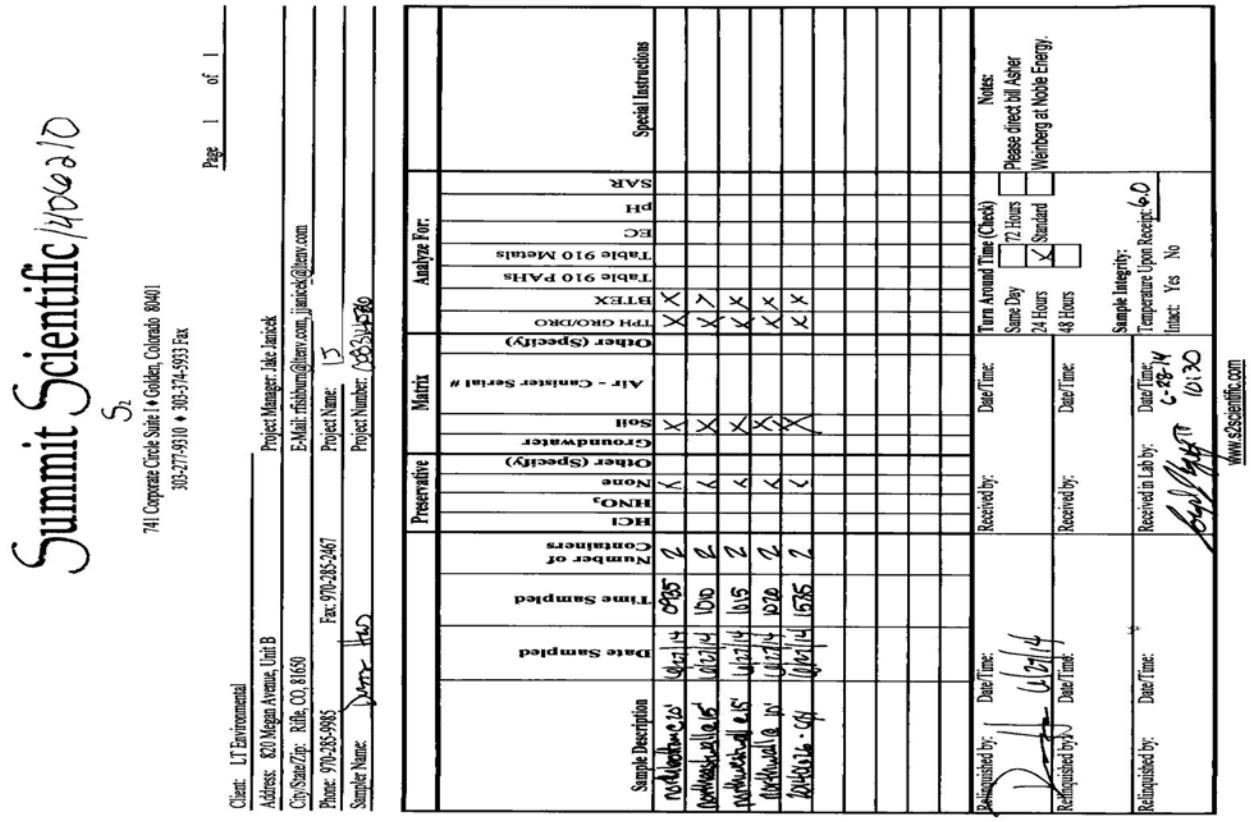
LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NorthBottom @ 20'	1406210-01	Soil	06/27/14 09:35	06/28/14 16:13
Northeastwall @ 15'	1406210-02	Soil	06/27/14 10:10	06/28/14 16:13
Northwestwall @ 15'	1406210-03	Soil	06/27/14 10:15	06/28/14 16:13
Northwall @ 10'	1406210-04	Soil	06/27/14 10:20	06/28/14 16:13
20140626 -C01	1406210-05	Soil	06/27/14 15:35	06/28/14 16:13

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34



LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34

NorthBottom @ 20'
1406210-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/14 09:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406234	06/28/14	06/28/14	8015M	

Date Sampled: **06/27/14 09:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*107 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/27/14 09:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406233	06/28/14	06/28/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/27/14 09:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*85.5 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*95.2 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.8 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34

Northeastwall @ 15'
1406210-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/14 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406234	06/28/14	06/28/14	8015M	

Date Sampled: **06/27/14 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*107 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/27/14 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406233	06/28/14	06/28/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/27/14 10:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*85.9 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*97.9 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.5 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34

Northwestwall @ 15'
1406210-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406234	06/28/14	06/28/14	8015M	

Date Sampled: **06/27/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*111 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/27/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406233	06/28/14	06/28/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **06/27/14 10:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*90.0 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*98.2 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34

Northwall @ 10'
1406210-04 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/14 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406234	06/28/14	06/28/14	8015M	

Date Sampled: **06/27/14 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*109 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/27/14 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**0.0038**	0.0020	mg/kg	1	1406233	06/28/14	06/28/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.011**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.064**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**4.1**	0.50	"	"	"	"	"	"	

Date Sampled: **06/27/14 10:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*88.3 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*98.0 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34

20140626 -C01
1406210-05 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/27/14 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1406234	06/28/14	06/28/14	8015M	

Date Sampled: **06/27/14 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*92.1 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/27/14 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1406233	06/28/14	06/28/14	EPA 8260B	
Toluene	**0.066**	0.0050	"	"	"	"	"	"	
Ethylbenzene	**0.041**	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.72**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**16**	0.50	"	"	"	"	"	"	

Date Sampled: **06/27/14 15:35**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*87.1 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*94.0 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*110 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406234 - EPA 3550A										
Blank (1406234-BLK1)				Prepared & Analyzed: 06/28/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1406234-BS1)				Prepared & Analyzed: 06/28/14						
C10-C28 (DRO)	453	50	mg/kg	468		96.8	73-134			
Matrix Spike (1406234-MS1)	**Source: 1406210-01**			Prepared & Analyzed: 06/28/14						
C10-C28 (DRO)	439	50	mg/kg	466	ND	94.2	50-148			
Matrix Spike Dup (1406234-MSD1)	**Source: 1406210-01**			Prepared & Analyzed: 06/28/14						
C10-C28 (DRO)	410	50	mg/kg	465	ND	88.3	50-148	6.69	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/02/14 13:34

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406233 - EPA 5030 Soil MS										
Blank (1406233-BLK1)				Prepared & Analyzed: 06/28/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0323*		"	*0.0381*		*84.7*	*23-173*			
Surrogate: Toluene-d8	*0.0375*		"	*0.0384*		*97.6*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0364*		"	*0.0384*		*94.7*	*21-167*			
LCS (1406233-BS1)				Prepared & Analyzed: 06/28/14						
Benzene	0.104	0.0020	mg/kg	0.0982		106	58-130			
Toluene	0.111	0.0050	"	0.0982		113	61-134			
Ethylbenzene	0.120	0.0050	"	0.0974		124	74-139			
m,p-Xylene	0.238	0.010	"	0.196		121	73-137			
o-Xylene	0.113	0.0050	"	0.0967		117	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0339*		"	*0.0390*		*87.0*	*23-173*			
Surrogate: Toluene-d8	*0.0398*		"	*0.0393*		*101*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0370*		"	*0.0393*		*94.2*	*21-167*			
Matrix Spike (1406233-MS1)		**Source: 1406210-01**		Prepared & Analyzed: 06/28/14						
Benzene	0.0960	0.0020	mg/kg	0.0984	ND	97.5	30-131			
Toluene	0.0989	0.0050	"	0.0984	ND	100	30-134			
Ethylbenzene	0.106	0.0050	"	0.0976	ND	109	22-153			
m,p-Xylene	0.211	0.010	"	0.196	ND	107	10-159			
o-Xylene	0.100	0.0050	"	0.0969	ND	104	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0344*		"	*0.0391*		*88.1*	*23-173*			
Surrogate: Toluene-d8	*0.0392*		"	*0.0394*		*99.7*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0382*		"	*0.0394*		*97.0*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1406233 - EPA 5030 Soil MS										
Matrix Spike Dup (1406233-MSD1)		**Source: 1406210-01**		Prepared & Analyzed: 06/28/14						
Benzene	0.0989	0.0020	mg/kg	0.0982	ND	101	30-131	2.95	34	
Toluene	0.104	0.0050	"	0.0982	ND	106	30-134	5.46	30	
Ethylbenzene	0.110	0.0050	"	0.0974	ND	113	22-153	3.78	24	
m,p-Xylene	0.220	0.010	"	0.196	ND	112	10-159	4.06	68	
o-Xylene	0.105	0.0050	"	0.0967	ND	108	31-151	3.98	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0352*		*"*	*0.0390*		*90.2*	*23-173*			
Surrogate: Toluene-d8	*0.0394*		*"*	*0.0393*		*100*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0375*		*"*	*0.0393*		*95.5*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

July 01, 2014

Jake Janicek
LT Environmental, Inc.
4600 West 60th Avenue
Arvada, CO 80003

RE: NEP - 1J

Enclosed are the results of analyses for samples received by Summit Scientific on 07/01/14 10:15. If you have any questions concerning this report, please feel free to contact me.

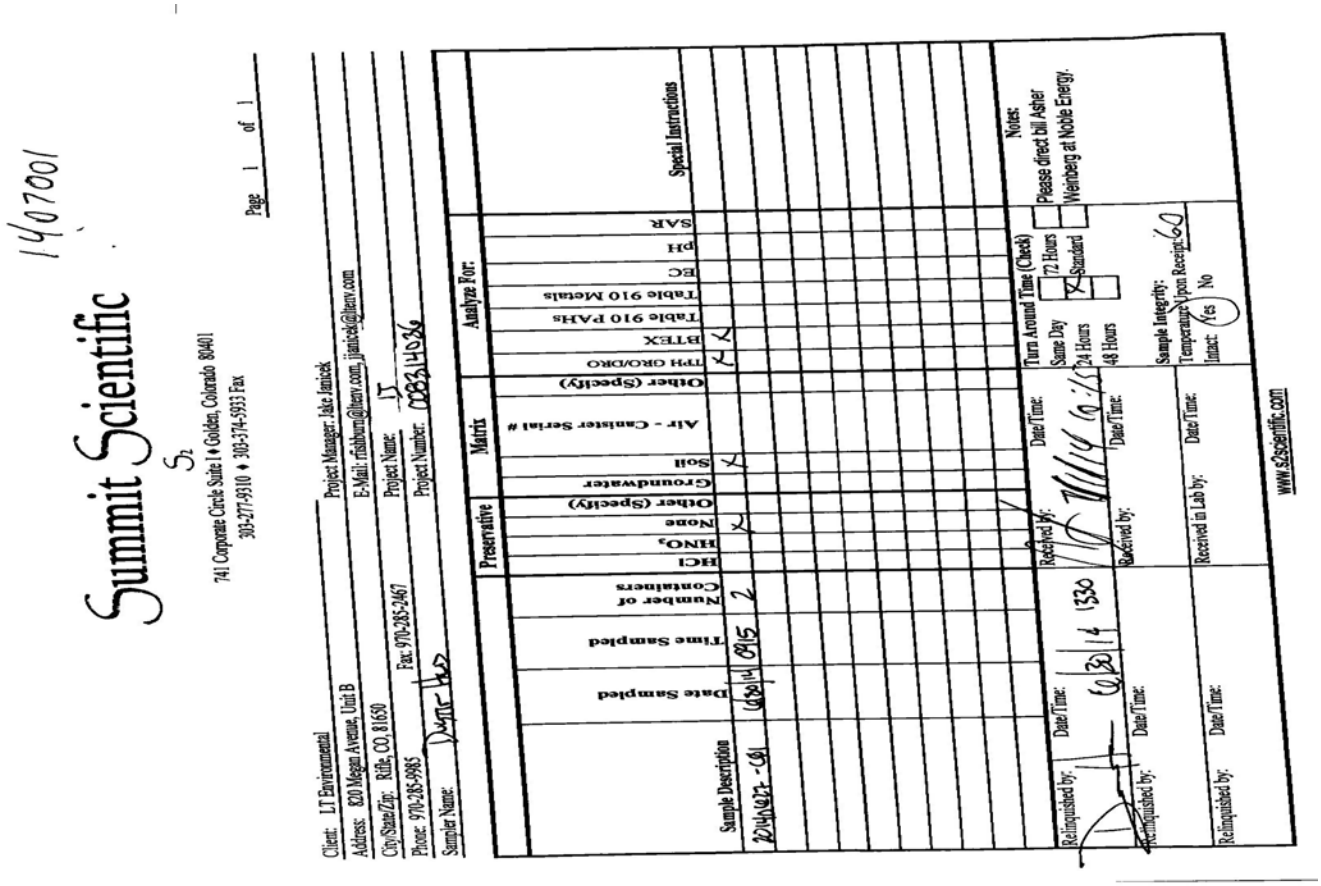
Sincerely,

Ben Shrewsbury
President / Laboratory Manager

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/01/14 19:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
20140627-C01	1407001-01	Soil	06/30/14 09:15	07/01/14 10:15



LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/01/14 19:54

20140627-C01
1407001-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **06/30/14 09:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	**62**	50	mg/kg	1	1407002	07/01/14	07/01/14	8015M	

Date Sampled: **06/30/14 09:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		*104 %*	*30-150*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **06/30/14 09:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1407001	07/01/14	07/01/14	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	**0.044**	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	**11**	0.50	"	"	"	"	"	"	

Date Sampled: **06/30/14 09:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*89.2 %*	*23-173*		"	"	"	"	
Surrogate: Toluene-d8		*90.8 %*	*20-170*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*128 %*	*21-167*		"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/01/14 19:54

Extractable Petroleum Hydrocarbons by 8015 - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1407002 - EPA 3550A										
Blank (1407002-BLK1)				Prepared & Analyzed: 07/01/14						
C10-C28 (DRO)	ND	50	mg/kg							
LCS (1407002-BS1)				Prepared & Analyzed: 07/01/14						
C10-C28 (DRO)	487	50	mg/kg	501		97.1	73-134			
Matrix Spike (1407002-MS1)	**Source: 1407001-01**			Prepared & Analyzed: 07/01/14						
C10-C28 (DRO)	539	50	mg/kg	499	62.4	95.4	50-148			
Matrix Spike Dup (1407002-MSD1)	**Source: 1407001-01**			Prepared & Analyzed: 07/01/14						
C10-C28 (DRO)	507	50	mg/kg	476	62.4	93.3	50-148	6.10	13	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1407001 - EPA 5030 Soil MS										
Blank (1407001-BLK1)				Prepared & Analyzed: 07/01/14						
Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	*0.0345*		"	*0.0397*		*87.0*	*23-173*			
Surrogate: Toluene-d8	*0.0397*		"	*0.0400*		*99.2*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0380*		"	*0.0400*		*95.0*	*21-167*			
LCS (1407001-BS1)				Prepared & Analyzed: 07/01/14						
Benzene	0.113	0.0020	mg/kg	0.100		113	58-130			
Toluene	0.121	0.0050	"	0.100		121	61-134			
Ethylbenzene	0.126	0.0050	"	0.0992		127	74-139			
m,p-Xylene	0.246	0.010	"	0.200		123	73-137			
o-Xylene	0.120	0.0050	"	0.0984		122	73-141			
Surrogate: 1,2-Dichloroethane-d4	*0.0399*		"	*0.0397*		*101*	*23-173*			
Surrogate: Toluene-d8	*0.0410*		"	*0.0400*		*102*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0390*		"	*0.0400*		*97.4*	*21-167*			
Matrix Spike (1407001-MS1)		**Source: 1407001-01**		Prepared & Analyzed: 07/01/14						
Benzene	0.105	0.0020	mg/kg	0.0936	ND	112	30-131			
Toluene	0.106	0.0050	"	0.0936	ND	113	30-134			
Ethylbenzene	0.123	0.0050	"	0.0929	0.00349	128	22-153			
m,p-Xylene	0.238	0.010	"	0.187	0.00689	124	10-159			
o-Xylene	0.133	0.0050	"	0.0921	0.0373	103	31-151			
Surrogate: 1,2-Dichloroethane-d4	*0.0418*		"	*0.0372*		*113*	*23-173*			
Surrogate: Toluene-d8	*0.0391*		"	*0.0375*		*104*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0399*		"	*0.0375*		*106*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/01/14 19:54

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1407001 - EPA 5030 Soil MS										
Matrix Spike Dup (1407001-MSD1)		**Source: 1407001-01**		Prepared & Analyzed: 07/01/14						
Benzene	0.117	0.0020	mg/kg	0.0982	ND	119	30-131	10.4	34	
Toluene	0.115	0.0050	"	0.0982	ND	117	30-134	8.23	30	
Ethylbenzene	0.128	0.0050	"	0.0974	0.00349	128	22-153	4.43	24	
m,p-Xylene	0.249	0.010	"	0.196	0.00689	124	10-159	4.43	68	
o-Xylene	0.135	0.0050	"	0.0967	0.0373	101	31-151	2.02	38	
Surrogate: 1,2-Dichloroethane-d4	*0.0465*		*"*	*0.0390*		*119*	*23-173*			
Surrogate: Toluene-d8	*0.0407*		*"*	*0.0393*		*104*	*20-170*			
Surrogate: 4-Bromofluorobenzene	*0.0406*		*"*	*0.0393*		*103*	*21-167*			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

LT Environmental, Inc. 4600 West 60th Avenue Arvada CO, 80003	Project: NEP - 1J Project Number: 0083-14036 Project Manager: Jake Janicek	**Reported:** 07/01/14 19:54

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference