

804 Grand Ave.
Platteville, CO 80651

Tel: 970.785.5000
After Hours: 303.939.8585
Fax: 303.785.5099
www.nobleenergyinc.com



North America Division

December 7, 2007

Mr. Randall Ferguson
Department Of Natural Resources
Oil & Gas Conservation Commission
1120 Lincoln St., Suite 801
Denver CO 80203-2136

RE: Excavation Activities Report
Strong 1,P 21-2,7,8,9,10J,16,1JI,2JI,7JI
Sec. 21 T3N R67W
Weld County, Colorado

Dear Mr. Ferguson:

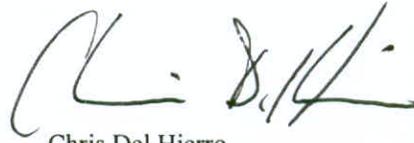
In accordance with the previously submitted Colorado Oil and Gas Conservation Commission (COGCC) Form 19 and Form 27 for the abovementioned site, the attached report summarizes remediation activities. Noble Energy, Inc (NEI) contracted LT Environmental (LTE) to oversee remediation activities, which resulted in the removal of approximately 1,335 cubic yards of impacted soil. Approximately 58,000 gallons of groundwater were removed and disposed of at a licensed facility as produced water. Approximately 400 pounds of the hydrocarbon degrading product, BOS 200, was distributed across the excavation base prior to backfilling. Excavation was concluded on October 16, 2007. LTE collected confirmation soil samples of the excavation area for laboratory analysis of gasoline range organics (GRO) by EPA method 8015. The analytical results for these samples are included in the attached LTE report.

Four groundwater monitoring wells will be installed to facilitate quarterly sampling. The first post-remediation quarterly groundwater monitoring event is scheduled for January 2008. A summary of well installation activities and groundwater monitoring analytical results will be forwarded to your office when available.

Please contact the NEI environmental department at (970) 785-5000 if you have any questions or require additional information.

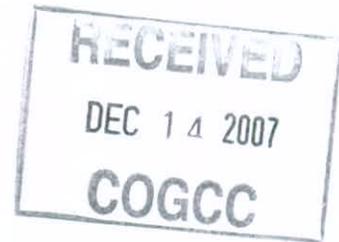
Sincerely,


Janelle Wadas
Environmental Engineer


Chris Del Hierro
Environmental Coordinator

Attachments

EXCAVATION SUMMARY REPORT
STRONG 1, P21-2, 7, 8, 9, 10J, 16, 1JI, 2JI, 7JI
TANK BATTERY
WELD COUNTY, COLORADO



NOVEMBER 2007

Prepared for:

NOBLE ENERGY, INC.
804 Grand Avenue
Platteville, CO 80651

Prepared by:

LT ENVIRONMENTAL, INC.
4600 West 60th Avenue
Arvada, Colorado 80003
(303) 433-9788



TABLE OF CONTENTS

EXECUTIVE SUMMARY	ii
SECTION 1.0 INTRODUCTION	1-1
1.1 SITE DESCRIPTION	1-1
1.2 SURROUNDING LAND USE.....	1-1
1.3 SCOPE OF WORK.....	1-1
SECTION 2.0 SUMMARY OF FIELD ACTIVITIES.....	2-1
2.1 EXCAVATION ACTIVITIES.....	2-1
Impacted Soil Removal.....	2-1
Impacted Groundwater Removal	2-2
2.2 BOS 200® APPLICATION.....	2-2
2.3 FUTURE GROUNDWATER MONITORING WELL INSTALLATION.....	2-2
SECTION 3.0 ANALYTICAL RESULTS.....	3-1
SECTION 4.0 SUMMARY AND CONCLUSIONS	4-1

TABLE

TABLE 1	SOIL ANALYTICAL RESULTS
---------	-------------------------

FIGURES

FIGURE 1	SITE LOCATION MAP
FIGURE 2	SITE MAP
FIGURE 3	PROPOSED MONITORING WELL LOCATION MAP

APPENDICES

APPENDIX A	SITE PHOTOGRAPHS
APPENDIX B	LABORATORY ANALYTICAL REPORTS



EXECUTIVE SUMMARY

This report was prepared by LT Environmental, Inc. (LTE), on behalf of Noble Energy, Inc. (Noble), to document remediation activities at the Strong 1, P21-2, 7, 8, 9, 10J, 16, 1JI, 2JI, 7JI Tank Battery (Site) as shown on Figure 1.

The site is located in the southeast quarter of the northeast quarter of Section 21, Township 3 North, Range 67 West. The site is surrounded by agricultural parcels in Weld County, Colorado (Figure 2).

The scope of work for this project included the excavation/removal of hydrocarbon impacted soils and groundwater from a previously documented release. Current use of the site includes oil and gas production, surrounded by agricultural activities.

Impacted soils were hauled off to Noble's permitted landfarm and replaced with clean structural fill. BOS 200[®], a petroleum hydrocarbon degrading product, was installed in the base of the excavation to mitigate any residual hydrocarbons remaining from source removal activities. A total mass of 400 pounds of the hydrocarbon degrading product was applied in the excavation. The hydrocarbon degrading product application was performed by covering the entire excavation floor once the total depth was achieved.

On October 3, 2007, Noble contractors began excavating the impacted soil. LTE was on site for field observation, documentation, and oversight activities including collecting soil samples for field screening and laboratory analyses, collecting photographs, and directing soil and groundwater removal from the excavated area.

A total volume of 1,335 cubic yards of impacted soil were excavated and removed to the Noble Land Treatment Facility during this project. A total volume of 58,000 gallons of impacted groundwater were removed from the excavation. Impacted groundwater removed from the excavation was transported to the Conquest Disposal Facility. Based on field indicators and the analytical results of the confirmation soil wall samples collected following excavation activities, the remaining soil has been remediated to below the Colorado Oil and Gas Conservation Commission (COGCC) Sensitive Area Standard.

The next phase of the project will include installation of groundwater monitoring wells to determine if groundwater is impacted above regulatory standards and if so, to what magnitude and extent. Proposed groundwater monitoring well locations are shown on Figure 3. Following installation of monitoring wells, quarterly monitoring will occur until site closure status is obtained from the COGCC. It is anticipated that monitoring well installation and the first sampling event will be completed in January 2008.

A summary of the monitoring well installations will be included with the first groundwater monitoring report.

SECTION 1.0

INTRODUCTION

This report was prepared by LT Environmental, Inc. (LTE) for Noble Energy, Inc. (Noble) to document excavation activities at the Strong 1, P21-2, 7, 8, 9, 10J, 16, 1JI, 2JI, 7JI Tank Battery (Figure 1). The purpose of this project was to remove hydrocarbon impacted soils and groundwater from the site.

1.1 SITE DESCRIPTION

The site is located in the southeast quarter of the northeast quarter of Section 21, Township 3 North, Range 67 West. The site is surrounded by agricultural parcels in Weld County, Colorado (Figure 2). The site is located approximately ½ mile northwest of the intersection of Weld County Road (WCR) 30 and WCR 19.

The site geology generally consists of sandy clay to a clayey, fine-grained to coarse-grained sand from ground surface to approximately 7 feet below ground surface (bgs). A fine-grained to coarse-grained sand with gravel was encountered from 7 feet to 9 feet bgs, the deepest part of the excavation. Groundwater at the site is approximately 5 feet to 7 feet bgs.

The site is located at an elevation of approximately 4,790 feet above mean sea level in an area with relatively flat topography. Surface topography in the area appears to be slightly modified for agricultural purposes.

1.2 SURROUNDING LAND USE

The surrounding land use consists of agricultural use. The property is surrounded on all sides by agricultural land and on the west side by a concrete irrigation ditch.

1.3 SCOPE OF WORK

The scope of work for this remediation project included the removal of impacted soils and groundwater. Impacted soils were hauled off to Noble's permitted landfarm and replaced with clean structural fill. Impacted groundwater was transported to Conquest Disposal. A groundwater amendment (BOS 200®) was installed in the base of the excavation to reduce the potential for any further groundwater impact resulting from residual hydrocarbons.

During onsite activities, LTE conducted field screening of soils, soil sampling, oversight of the excavation, health and safety monitoring, application of the groundwater amendment, and documentation activities.

A summary of field activities, analytical results from soil sampling activities, and conclusions is presented in the subsequent sections.

SECTION 2.0

SUMMARY OF FIELD ACTIVITIES

The following section summarizes the methods and procedures used to remove the impacted soils and groundwater, and install the groundwater amendment product. Photographs documenting field activities are included in Appendix A.

2.1 EXCAVATION ACTIVITIES

Impacted Soil Removal

Excavation activities were initiated on October 3, 2007. During the period of October 3, 2007 through October 16, 2007, LTE personnel were onsite to oversee the removal of impacted soils and groundwater, and install the groundwater amendment product at the site. The project was initiated in the southern area of the existing tank battery, and proceeded to the north and west as the work progressed. LTE personnel conducted field screening of organic vapor concentrations using a photoionization detector (PID), acquired photographs, and collected confirmation soil samples to document excavation activities.

The dimensions of the final excavation were 91 feet long by 42 feet wide. The total depth of the excavation ranged from 5 feet to 9 feet bgs. A total volume of 1,335 cubic yards of impacted soil were excavated and disposed of offsite to the Noble Land Treatment Facility.

Soil samples were collected from the smear zone along the walls of the excavation. Each sample was field-screened for organic vapor concentrations with a PID to determine if additional excavation was required. Once PID measurements indicated that impacted soil had been removed, a confirmation sample was collected for submittal to an analytical laboratory. Because the excavation depth extended vertically into the shallow aquifer, excavation floor samples were not collected. The degree of impact below the water table will be characterized through collection and analysis of groundwater samples. Figure 2 presents the locations of the soil samples collected in the excavation.

A total of 20 samples were collected from the excavation. Two of the soil samples (N. Wall 04 @ 7'-8' and W. Wall 02 @ 5'-6') were not submitted to the laboratory due to elevated organic vapor concentrations from field screening with the PID. Soil samples S. Wall 02 @ 5'-6' and S. Wall 03 @ 5'-6', which were submitted to the analytical laboratory, indicated total volatile hydrocarbons – gasoline range organics (TVH-GRO) concentrations above the COGCC Sensitive Area Standard. In both instances, further excavation was conducted in the area and additional soil samples were collected once PID readings were below acceptable levels. Soil samples were collected from the smear zone along the walls of the excavation at depths between 5 feet bgs and 8 feet bgs. The soil samples collected were sent to Origins Laboratory (Origins) of Denver, Colorado for analysis of TVH-GRO using Environmental Protection Agency (EPA) Method 8015M.

After confirmation sampling results indicated the impacted soils had been removed, the excavation was backfilled with clean overburden and/or with structural fill from the Varra Company, Inc. (Varra) Gravel Facility in Greeley, Colorado.

Impacted Groundwater Removal

During excavation activities, a temporary sump was excavated at the western end of the excavation. The purpose of the temporary sump was to aid in the removal of groundwater from the excavation, as well as to remove any impacted groundwater while the excavation was in progress. During excavation activities, approximately 58,000 gallons of groundwater were removed from the temporary sump. Groundwater was pumped from the sump into transport trucks and a frac tank west of the excavation. The tank contents were disposed of by a Northern Plains Transport Truck on a regular basis, with final disposal provided by Conquest Disposal in Weld County, Colorado. Photographs of the sump are provided in Appendix A.

2.2 BOS 200[®] APPLICATION

As an added mitigation measure, a groundwater amendment consisting of the petroleum hydrocarbon remediation product BOS 200[®] was used throughout the excavation. BOS 200[®] is an activated carbon-based product inoculated with cultured microbes (consortia of facultative microorganisms), electron acceptors (nitrate and sulfate) and nutrients (phosphorus and nitrogen) designed to biodegrade petroleum hydrocarbons.

Shallow groundwater is present at the site. To reduce the potential for any further groundwater impact resulting from residual hydrocarbons, the groundwater amendment was applied to the entire extent of the base of the excavation after field indicators and confirmation sample results demonstrated the impacted soils were removed. Approximately 400 pounds of BOS 200[®] were applied to the base of the excavation.

2.3 FUTURE GROUNDWATER MONITORING WELL INSTALLATION

Groundwater monitoring wells will be installed at the site to be used as performance monitoring indicators. The wells will determine if impacted groundwater exists at the site. Figure 3 presents the proposed locations of the monitoring wells at the site. The monitoring wells will be used to monitor groundwater conditions until site closure status is achieved from the COGCC. Well installations and sampling results will be presented in future monitoring reports.

SECTION 3.0

ANALYTICAL RESULTS

Confirmation soil samples were collected from the smear zone along the walls of the excavation. Soil samples collected were sent to Origins for analysis of TVH-GRO using EPA Method 8015M.

Soil samples were collected to define the extent of the excavation and confirm that impact above regulatory standards was removed. TVH-GRO was not detected above the COGCC Sensitive Area Standard of 1,000 milligrams per kilogram (mg/kg) in all samples collected from the final excavation sidewalls. Soil sample locations are illustrated on Figure 2. Soil analytical results are summarized in Table 1. Appendix B contains copies of the laboratory analytical reports.

Soil samples were not collected from the base of the excavation due to the shallow water table. The base of the excavation was approximately 1 foot to 3 feet below the static water table. Future groundwater monitoring wells will determine if there is any residual impact below the static water table.

Groundwater sample analytical results from future groundwater monitoring events will be submitted under separate cover.

SECTION 4.0

SUMMARY AND CONCLUSIONS

During the period between October 3, 2007 and October 16, 2007, Noble excavated and removed 1,335 cubic yards of impacted soil, and removed approximately 58,000 gallons of impacted groundwater from the Site.

Evidence of impact to the subsurface was noted across the site ranging in depth from 1 foot to 9 feet bgs. LTE conducted field-screening of organic vapor concentrations and collection of soil confirmation samples for laboratory analysis from the excavated area.

Impacted soils were excavated and transported to the Noble Land Treatment Facility. Clean fill material was imported to the site from the Varra Gravel Facility for use as backfill in the excavation. Impacted groundwater disposal was provided by Conquest Disposal.

LTE collected soil samples following completion of the soil excavation activities. Analytical results from soil samples collected along the walls of the excavation indicated that the petroleum impacted soils had been removed to below the COGCC Sensitive Area Standard.

To prevent any future contamination from residual hydrocarbons, 400 pounds of a hydrocarbon degrading product were applied to the base of the excavation.

A total of four groundwater monitoring wells will be installed at a future date to monitor groundwater conditions at the site (Figure 3). LTE recommends installing one monitoring well upgradient of the excavation, as well as three monitoring wells downgradient of the excavation. A summary of the monitoring well installation will be included with the first groundwater monitoring report.

TABLE

TABLE 1
SOIL ANALYTICAL RESULTS
STRONG 1, P21, 2, 7, 8, 9, 10J, 16, 1JI, 2JI, 7JI
TANK BATTERY
WELD COUNTY, COLORADO
NOBLE ENERGY, INC.

Sample ID	Date	TVH-GRO (mg/kg)
S. Wall 01 @ 5'-6'	10/4/2007	550
S. Wall 02 @ 5'-6'	10/4/2007	5,700
S. Wall 03 @ 5'-6'	10/4/2007	5,900
S. Wall 04 @ 5'-6'	10/15/2007	<50
S. Wall 05 @ 5'-6'	10/15/2007	<50
S. Wall 06 @ 5'-6'	10/15/2007	<50
S. Wall 07 @ 5'-6'	10/15/2007	<50
S. Wall 08 @ 7'-8'	10/16/2007	<50
N. Wall 01 @ 5'-6'	10/10/2007	<50
N. Wall 02 @ 5'-6'	10/10/2007	<50
N. Wall 03 @ 5'-6'	10/10/2007	<50
N. Wall 04 @ 7'-8'	10/15/2007	NS
N. Wall 05 @ 7'-8'	10/16/2007	<50
E. Wall 01 @ 5'-6'	10/10/2007	<50
E. Wall 02 @ 5'-6'	10/11/2007	<50
E. Wall 03 @ 5'-6'	10/11/2007	<50
E. Wall 04 @ 7'-8'	10/16/2007	<50
W. Wall 01 @ 5'-6'	10/4/2007	290
W. Wall 02 @ 5'-6'	10/15/2007	NS
W. Wall 03 @ 6'-7'	10/15/2007	<50
COGCC Sensitive Area Standard*		1,000

Notes:

S. Wall 01 - South Wall Sample 01

NS - not submitted due to elevated photoionization detector reading, additional excavation conducted

mg/kg - milligrams per kilogram

< indicates result is less than the stated laboratory method detection limit

TVH-GRO - Total Volatile Hydrocarbons - Gasoline Range Organics

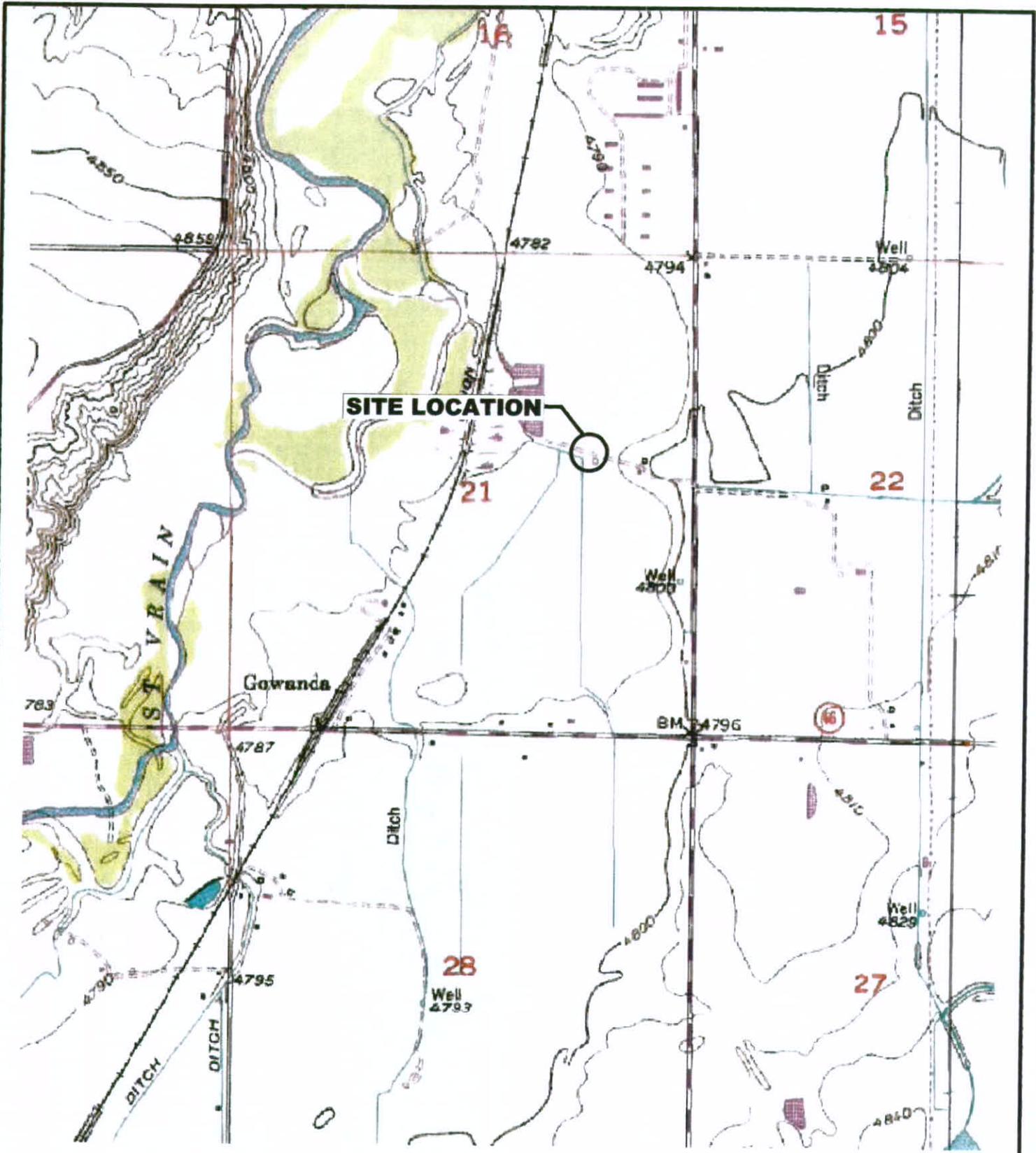
TVH-GRO by EPA Method 8015M

COGCC - Colorado Oil & Gas Conservation Commission

*Applies to contaminated subsurface soil >2 feet below ground surface (bgs)
and where the distance to groundwater is less than 20 feet bgs



FIGURES



LEGEND

○ SITE LOCATION

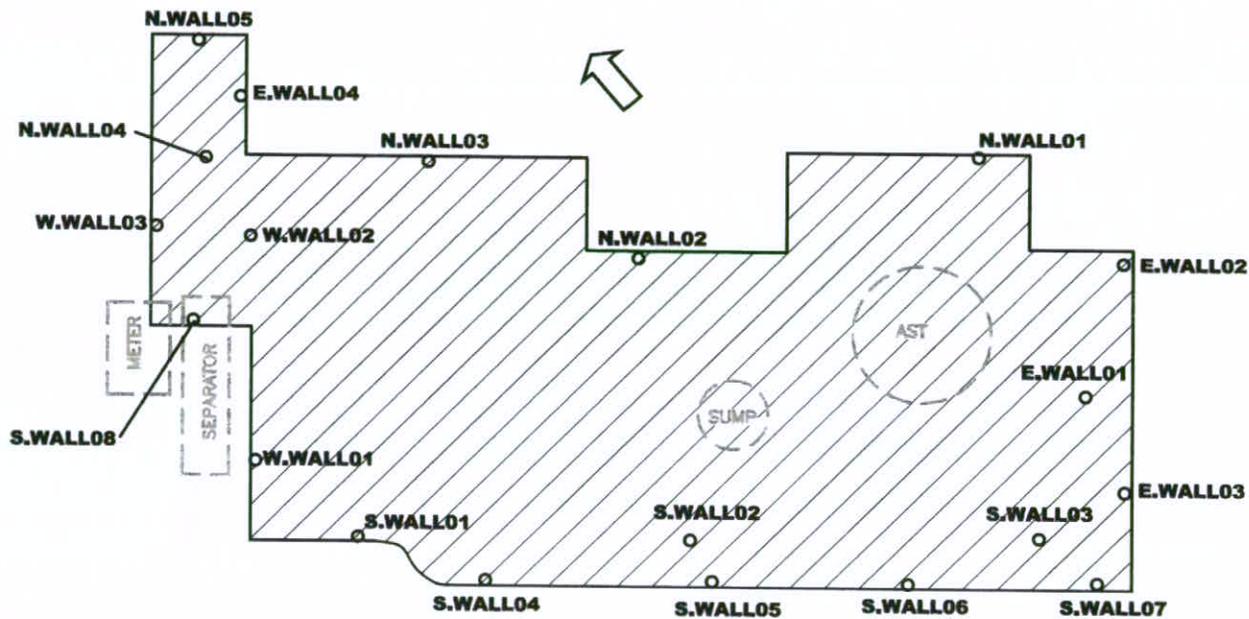


0 375 750 1500
FEET

FIGURE 1
SITE LOCATION MAP
 STRONG 1, P21-2, 7, 8, 9, 10J, 16, 1JI, 2JI, 7JI
 TANK BATTERY
 WELD COUNTY, COLORADO
 NOBLE ENERGY, INC.

SOURCE: TOPOZONE.COM
 USGS 7.5' QUADRANGLE
 GOWANDA, CO 1978
 (NAD27)





LEGEND

- N.WALL01 ○ SOIL SAMPLE LOCATION
-  EXCAVATION AREA
-  ESTIMATED GROUNDWATER FLOW DIRECTION

SOURCE:
LTE SKETCH



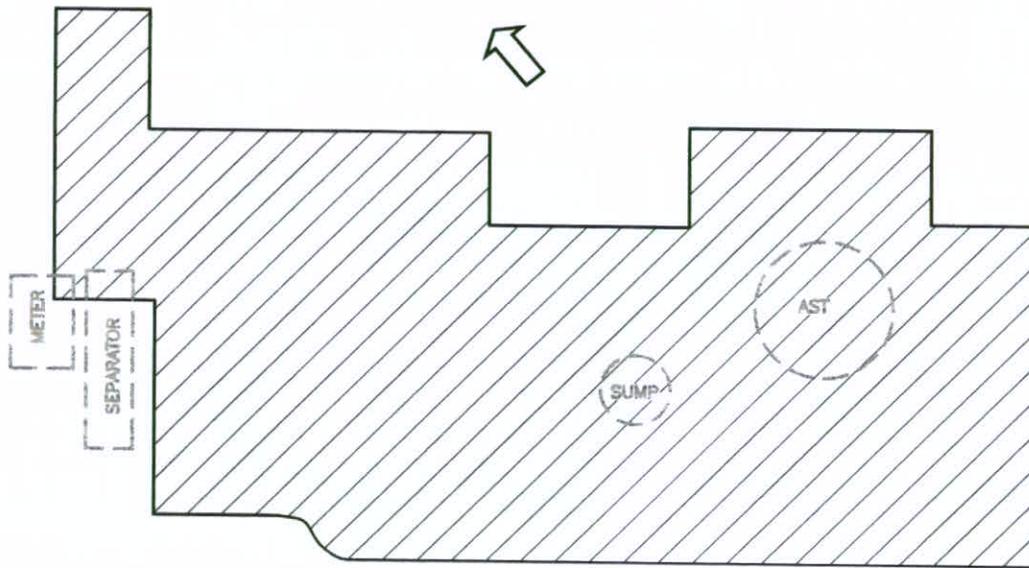
FIGURE 2
SITE MAP
 STRONG 1, P21-2, 7, 8, 9, 10J, 16, 1JI, 2JI, 7JI
 TANK BATTERY
 WELD COUNTY, COLORADO
 NOBLE ENERGY, INC.



MW04

MW03

MW02



MW01

LEGEND

MW01 ○ PROPOSED MONITORING WELL LOCATION

▨ EXCAVATION AREA

← ESTIMATED GROUNDWATER FLOW DIRECTION



SOURCE:
LTE SKETCH

FIGURE 3
PROPOSED MONITORING WELL LOCATION MAP
STRONG 1, P21-2, 7, 8, 9, 10J, 16, 1JI, 2JI, 7JI
TANK BATTERY
WELD COUNTY, COLORADO
NOBLE ENERGY, INC.



APPENDIX A
SITE PHOTOGRAPHS



Photograph 1: Stained soils around AST and water vault. View east.



Photograph 2: Removal of tank battery soils. View southwest.



Photograph 3: Excavation partially filled with clean soil. View west.



Photograph 4: Final backfill for excavation, view east.

APPENDIX B
LABORATORY ANALYTICAL REPORTS





4640 Pecos Street | Unit C | Denver, Colorado 80211
303.433.1322 Phone 303.265.9645 Fax

October 08, 2007

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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

Attached are the analytical results for Strong Battery received by Origins Laboratory, Inc. 10/5/2007 4:13:00PM. Please let us know if you have any questions, or if we can help with anything at all.

Laboratory Manager
Noelle E Doyle

The analytical results in the following report were analyzed under the guidelines of EPA Methods specified in SW-846. The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. This laboratory report is intended solely for the above addressee and it is only to be used and or reproduced in its entirety.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

CROSS REFERENCE REPORT

Laboratory ID	Sample ID	Matrix	Sampled	Date Received
W. Wall 01 @ 5'-6'	X710010-01	Soil	10/4/2007 11:00:00AM	10/05/2007 16:13
S. Wall 01 @ 5'-6'	X710010-02	Soil	10/4/2007 11:10:00AM	10/05/2007 16:13
S. Wall 02 @ 5'-6'	X710010-03	Soil	10/4/2007 3:00:00PM	10/05/2007 16:13
S. Wall 03 @ 5'-6'	X710010-04	Soil	10/4/2007 3:10:00PM	10/05/2007 16:13

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
 Denver, Colorado 80211
 303.433.1322 | Laboratory
 303.265.9645 | Fax



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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

X710010
 page 1 of 1



originslaboratory.com

Client: **LT Environmental, Inc.**
 Address: **4600 West 60th Ave**
 Telephone Number: **303-433-9788**
 E-Mail Address: **bdodek@ltenv.com**

Project Manager: **Brian Dodek**
 Project Name: **Strong Battery**
 Project Number: **NEP0722**
 Samples Collected by: **Mike Unger**

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers			Preservative			Matrix			Analysis			Sample Instructions
			Unpreserved	HTO	HTO	Other	Groundwater	Soil	Other	Ar - Summa Container #	Other	Analysis			
W114-01 5'-6'	10-4-07	7:00	1			X									1
W114-01 5'-6'	10-4-07	11:00	1			X									2
W114-02 5'-6'	10-4-07	15:00	1			X									3
W114-03 5'-6'	10-5-07	15:10	1			X									4
Requested by: Mike Unger			Date: 10/4/07	Time: 17:30	Requested by: Brian Dodek	Date: 10/11/07	Time: 17:30	Matrix: Soil			Analysis: GRD			Sample Instructions: Temperature per Receipt	
Requested by: Brian Dodek			Date: 10/5/07	Time: 4:30 PM	Requested by: Mike Unger	Date: 10/5/07	Time: 4:10 PM	Matrix: Soil			Analysis: GRD			Sample Instructions: Temperature per Receipt	

Need by
 Monday
 November 5th

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

W. Wall 01 @ 5'-6'
X710010-01 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	290	50	mg/kg	1	7J06001	10/06/2007	10/08/2007
-------------------	-----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 01 @ 5'-6'
X710010-02 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	550	50	mg/kg	1	7J06001	10/06/2007	10/08/2007
-------------------	-----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 02 @ 5'-6'
X710010-03 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	5700	50	mg/kg	1	7J06001	10/06/2007	10/08/2007
-------------------	------	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 03 @ 5'-6'
X710010-04 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	5900	50	mg/kg	1	7J06001	10/06/2007	10/08/2007	
-------------------	------	----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
 Denver, Colorado 80211
 303.433.1322 | Laboratory
 303.265.9645 | Fax



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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

Extractable Petroleum Hydrocarbons by 8015M – Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7J06001 – EPA5031 – SVOCGC										
Blank (7J06001-BLK1)					Prepared: 10/06/2007 Analyzed: 10/07/2007					
Gasoline (C6-C10)	ND	50	mg/kg							
LCS (7J06001-BS1)					Prepared: 10/06/2007 Analyzed: 10/08/2007					
Gasoline (C6-C10)	170	50	mg/kg				65-135			
LCS Dup (7J06001-BSD1)					Prepared: 10/06/2007 Analyzed: 10/08/2007					
Gasoline (C6-C10)	160	50	mg/kg				65-135	7.34	20	

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

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

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.



4640 Pecos Street | Unit C | Denver, Colorado 80211
303.433.1322 Phone 303.265.9645 Fax

October 12, 2007

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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

Attached are the analytical results for Strong Battery received by Origins Laboratory, Inc. 10/11/2007 3:20:00PM. Please let us know if you have any questions, or if we can help with anything at all.

Laboratory Manager
Noelle E Doyle

The analytical results in the following report were analyzed under the guidelines of EPA Methods specified in SW-846. The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. This laboratory report is intended solely for the above addressee and it is only to be used and or reproduced in its entirety.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

CROSS REFERENCE REPORT

Laboratory ID	Sample ID	Matrix	Sampled	Date Received
E. Wall 02 @ 5'-6'	X710021-01	Soil	10/11/2007 2:00:00PM	10/11/2007 15:20
E. Wall 03 @ 5'-6'	X710021-02	Soil	10/11/2007 2:30:00PM	10/11/2007 15:20

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

12001X
 page 1 of 1



originslaboratory.com

Client: LTE
 Address: 4600 60th Ave
 Aurora Co 80018
 Telephone Number: 303.433.9788
 E-Mail Address: bdoyle@lte.com

Project Manager: Brian Dodek
 Project Name: Strong Battery
 Project Number: NEP0722
 Samples Collected by: CD

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers		Preservative		Matrix		Analysis		Call
			Unpreserved	Preserved	Soil	Groundwater	Other	Other	Other	Other	
E-well 02 (5-6')	10/11/09	1400	1	0	Unpreserved	0	Soil	0	0	0	Call Quin w/ result 720 384 607
E-well 03 (5-6')	10/11/09	1430	1	0	Unpreserved	0	Soil	0	0	0	
12001X Sample Instructions											
Requisitioned by: [Signature] Date: 10-11-09 Time: 1520 Analyzed by: [Signature] Date: 10-11-07 Time: 1520 Temperature Upon Receipt: [Blank]											

4640 North Pecos Street | Unit C | Denver, Colorado 80211 | Laboratory - 303.433.1322 | Fax - 303.265.9645

Origins Laboratory, Inc.

[Signature]

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.

Noelle E Doyle, Laboratory Manager

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

E. Wall 02 @ 5'-6'
X710021-01 (Soil)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Notes
		Limit	Units	Dilution				

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J11003	10/11/2007	10/11/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

E. Wall 03 @ 5'-6'
X710021-02 (Soil)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Notes
		Limit	Units	Dilution				

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J11003	10/11/2007	10/11/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
 Denver, Colorado 80211
 303.433.1322 | Laboratory
 303.265.9645 | Fax



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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

Extractable Petroleum Hydrocarbons by 8015M – Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7J11003 – EPA5031 – SVOCGC										
Blank (7J11003-BLK1)					Prepared: 10/11/2007 Analyzed: 10/11/2007					
Gasoline (C6-C10)	ND	50	mg/kg							
LCS (7J11003-BS1)					Prepared: 10/11/2007 Analyzed: 10/11/2007					
Gasoline (C6-C10)	120	50	mg/kg				65-135			
Matrix Spike (7J11003-MS1)					Source: X710021-01 Prepared: 10/11/2007 Analyzed: 10/11/2007					
Gasoline (C6-C10)	120	50	mg/kg		34		65-135			
Matrix Spike Dup (7J11003-MSD1)					Source: X710021-01 Prepared: 10/11/2007 Analyzed: 10/11/2007					
Gasoline (C6-C10)	94	50	mg/kg		34		65-135		25	

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

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

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.



4640 Pecos Street | Unit C | Denver, Colorado 80211
303.433.1322 Phone 303.265.9645 Fax

October 12, 2007

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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

Attached are the analytical results for Strong Battery received by Origins Laboratory, Inc. 10/10/2007 4:00:00PM. Please let us know if you have any questions, or if we can help with anything at all.

Laboratory Manager

Noelle E Doyle

The analytical results in the following report were analyzed under the guidelines of EPA Methods specified in SW-846. The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. This laboratory report is intended solely for the above addressee and it is only to be used and or reproduced in its entirety.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

CROSS REFERENCE REPORT

Laboratory ID	Sample ID	Matrix	Sampled	Date Received
E. Wall 01 @ 5'-6'	X710017-01	Soil	10/10/2007 3:00:00PM	10/10/2007 16:00
N. Wall 01 @ 5'-6'	X710017-02	Soil	10/10/2007 3:10:00PM	10/10/2007 16:00
N. Wall 02 @ 5'-6'	X710017-03	Soil	10/10/2007 3:20:00PM	10/10/2007 16:00
N. Wall 03 @ 5'-6'	X710017-04	Soil	10/10/2007 3:30:00PM	10/10/2007 16:00

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
 Denver, Colorado 80211
 303.433.1322 | Laboratory
 303.265.9645 | Fax



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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

X710017
 page ___ of ___



originslaboratory.com

Client: CTE
 Address: 4600 60th Ave.
 Arvada, Co 80003
 Telephone Number: 303-493-9388
 E-Mail Address: sdokik@flem.com

Project Manager: Brian Dodek
 Project Name: Strong Battery
 Project Number: NEP0722
 Samples Collected by: Chris Rucell
 (720 364 6607)

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers	Preservative			Matrix			Analysis			Date	Time	Temperature Upon Receipt	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air	Summa Container #	Other				GC
E-wall 01 (S-6')	10/19/07	1500	1	X												
N-wall 01 (S-6')		1510	1	Y					X							
N-wall 02 (S-6')		1520	1	Y					X							
N-wall 03 (S-6')		1530	1	Y					Y							

Reanalyzed by: CPT
 Date: 10/19/07
 Time: 1600

Received by: [Signature]
 Date: 10-15-07
 Time: 1600

Turn In Date: 24-11
 Same Day: 48 hr
 Standards: 72 hr

4640 North Pecos Street | Unit C | Denver, Colorado 80211 | Laboratory - 303.433.1322 | Fax - 303.265.9645

Origins Laboratory, Inc.

Noelle E Doyle

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

E. Wall 01 @ 5'-6'
X710017-01 (Soil)

Reporting

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J10004	10/10/2007	10/10/2007	
-------------------	----	----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

N. Wall 01 @ 5'-6'
X710017-02 (Soil)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Notes
		Limit	Units	Dilution				

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J10004	10/10/2007	10/10/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

N. Wall 02 @ 5'-6'
X710017-03 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J10004	10/10/2007	10/10/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

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.

Noelle E Doyle, Laboratory Manager

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

N. Wall 03 @ 5'-6'
X710017-04 (Soil)

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Notes
		Limit	Units	Dilution				

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J10004	10/10/2007	10/10/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
 Denver, Colorado 80211
 303.433.1322 | Laboratory
 303.265.9645 | Fax



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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

Extractable Petroleum Hydrocarbons by 8015M – Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7J10004 – EPA5031 – SVOCGC										
Blank (7J10004-BLK1)					Prepared: 10/10/2007 Analyzed: 10/10/2007					
Gasoline (C6-C10)	ND	50	mg/kg							
LCS (7J10004-BS1)					Prepared: 10/10/2007 Analyzed: 10/10/2007					
Gasoline (C6-C10)	170	50	mg/kg				65-135			
Matrix Spike (7J10004-MS1)					Source: X710017-01 Prepared: 10/10/2007 Analyzed: 10/10/2007					
Gasoline (C6-C10)	160	50	mg/kg		42		65-135			
Matrix Spike Dup (7J10004-MSD1)					Source: X710017-01 Prepared: 10/10/2007 Analyzed: 10/10/2007					
Gasoline (C6-C10)	170	50	mg/kg		42		65-135		20	

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

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

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.



4640 Pecos Street | Unit C | Denver, Colorado 80211
303.433.1322 Phone 303.265.9645 Fax

October 22, 2007

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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

Attached are the analytical results for Strong Battery received by Origins Laboratory, Inc. 10/16/2007 1:45:00PM. Please let us know if you have any questions, or if we can help with anything at all.

Laboratory Manager
Noelle E Doyle

The analytical results in the following report were analyzed under the guidelines of EPA Methods specified in SW-846. The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. This laboratory report is intended solely for the above addressee and it is only to be used and or reproduced in its entirety.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

CROSS REFERENCE REPORT

Laboratory ID	Sample ID	Matrix	Sampled	Date Received
N. Wall 05 @ 7'-8'	X710030-01	Soil	10/16/2007 9:45:00AM	10/16/2007 13:45
S. Wall 08 @ 7'-8'	X710030-02	Soil	10/16/2007 9:30:00AM	10/16/2007 13:45
E. Wall 04 @ 7'-8'	X710030-03	Soil	10/16/2007 10:00:00AM	10/16/2007 13:45

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

X710030

page 1 of 1

originslaboratory.com



Project Manager: Brian Dodek
 Project Name: Strong Battery
 Project Number: NEP0722
 Samples Collected by: Mike L.

Client: LT Environmental
 Address: 4600 West 60th Ave
 Arvada, CO 80003
 Telephone Number: 303-433-9788
 E-Mail Address: b@dodek.com

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analysis	Date	Time	Temperature (°C)	Temp. Around Time (hr)
				Unpreserved	HCl	HNO	Other	Groundwater	Soil	Air - Summa Canister #					
NWELL 05	7-8	10:16:01	1												
SWELL 08	7-8	10:16:07	1					X	X						
EWELL 04	7-8	10:16:07	1					X	X						
Requisitioned by: Mike L. Date: 10/10/07 Time: 1345 Requisitioned by: [Signature] Date: 10-16-07 Time: 1345 Received by: [Signature] Date: 10-16-07 Time: 1345 Received by: [Signature] Date: 10-16-07 Time: 1345															

4640 North Pecos Street Unit C Denver, Colorado 80211 Laboratory - 303.433.1322 Fax - 303.265.9645

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

N. Wall 05 @ 7'-8'
X710030-01 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J16004	10/16/2007	10/16/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 08 @ 7'-8'
X710030-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J16004	10/16/2007	10/17/2007	
-------------------	----	----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

E. Wall 04 @ 7'-8'
X710030-03 (Soil)

Analyte	Reporting				Batch	Prepared	Analyzed	Notes
	Result	Limit	Units	Dilution				

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J16004	10/16/2007	10/17/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
 Denver, Colorado 80211
 303.433.1322 | Laboratory
 303.265.9645 | Fax



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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

Extractable Petroleum Hydrocarbons by 8015M – Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7J16004 – EPA5031 – SVOCGC										
Blank (7J16004-BLK1)					Prepared: 10/16/2007 Analyzed: 10/16/2007					
Gasoline (C6-C10)	ND	50	mg/kg							
LCS (7J16004-BS1)					Prepared: 10/16/2007 Analyzed: 10/16/2007					
Gasoline (C6-C10)	98	50	mg/kg				65-135			
Matrix Spike (7J16004-MS1)					Source: X710029-01 Prepared: 10/16/2007 Analyzed: 10/16/2007					
Gasoline (C6-C10)	98	50	mg/kg		34		65-135			
Matrix Spike Dup (7J16004-MSD1)					Source: X710029-01 Prepared: 10/16/2007 Analyzed: 10/16/2007					
Gasoline (C6-C10)	100	50	mg/kg		34		65-135	25		

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

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

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.



4640 Pecos Street | Unit C | Denver, Colorado 80211
303.433.1322 Phone 303.265.9645 Fax

October 22, 2007

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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

Attached are the analytical results for Strong Battery received by Origins Laboratory, Inc. 10/15/2007 5:20:00PM. Please let us know if you have any questions, or if we can help with anything at all.

Laboratory Manager
Noelle E Doyle

The analytical results in the following report were analyzed under the guidelines of EPA Methods specified in SW-846. The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. This laboratory report is intended solely for the above addressee and it is only to be used and or reproduced in its entirety.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

CROSS REFERENCE REPORT

Laboratory ID	Sample ID	Matrix	Sampled	Date Received
S. Wall 04 @ 5'-6'	X710027-01	Soil	10/15/2007 11:00:00AM	10/15/2007 17:20
S. Wall 05 @ 5'-6'	X710027-02	Soil	10/15/2007 10:45:00AM	10/15/2007 17:20
S. Wall 06 @ 5'-6'	X710027-03	Soil	10/15/2007 10:30:00AM	10/15/2007 17:20
S. Wall 07 @ 5'-6'	X710027-04	Soil	10/15/2007 10:10:00AM	10/15/2007 17:20
W. Wall 03 @ 6'-7'	X710027-05	Soil	10/15/2007 3:15:00PM	10/15/2007 17:20

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

X710027

page 1 of 1



originslaboratory.com

Client: LT Environmental
 Address: 4600 West 60th Ave.
 Arvada, CO 80003
 Telephone Number: 303-433-9780
 E-Mail Address: b@dodek.com

Project Manager: Brian Dodek
 Project Name: Strong Battery
 Project Number: NEP0722
 Samples Collected by: Mike Cayer

Sample ID - Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix		Analysis		Sample Instructions
				HCl	HNO ₃	Other	Groundwater	Soil	Air - Summa Canister #	Other	Other	
SW-16 5'6"	10-15-07	1100	1				X					X710027 24 hr Turnaround
SW-16 5'0"		1445	1				X					
SW-16 5'6"		1030	1				X					
SW-17 5'6"		1035	1				X					
SW-18 6-7	10-18-07	1515	1				X					
2												
Dodek												
Reinforced by: Mike Cayer	Date: 01/15/07	Time: 1720		Received by: Dodek	Date: 01-15-07	Time: 1720		Turn Around Time: 24 hr X				
Reinforced by:	Date:	Time:		Received by:	Date: 01-15-07	Time: 1720		Turn Around Time: 48 hr				
								Standard: 72 hr				

4640 North Pecos Street | Unit C | Denver, Colorado 80211 | Laboratory - 303.433.1322 | Fax - 303.265.9645

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 04 @ 5'-6'
X710027-01 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J16001	10/15/2007	10/15/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 05 @ 5'-6'
X710027-02 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed
Gasoline (C6-C10)	ND	50	mg/kg	1	7J16001	10/15/2007	10/15/2007

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 06 @ 5'-6'
X710027-03 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J16001	10/15/2007	10/15/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

S. Wall 07 @ 5'-6'
X710027-04 (Soil)

Analyte	Reporting							Notes
	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J16001	10/15/2007	10/15/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

W. Wall 03 @ 6'-7'
X710027-05 (Soil)

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.

Gasoline Range Organics (GRO) by EPA 8015M

Gasoline (C6-C10)	ND	50	mg/kg	1	7J16001	10/15/2007	10/15/2007
-------------------	----	----	-------	---	---------	------------	------------

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
 Denver, Colorado 80211
 303.433.1322 | Laboratory
 303.265.9645 | Fax



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

Brian Dodek
 Project Number: NEP0722
 Project: Strong Battery

Extractable Petroleum Hydrocarbons by 8015M – Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7J16001 – EPA5031 – SVOCGC										
Blank (7J16001-BLK1)					Prepared: 10/15/2007 Analyzed: 10/15/2007					
Gasoline (C6-C10)	ND	50	mg/kg							
LCS (7J16001-BS1)					Prepared: 10/15/2007 Analyzed: 10/15/2007					
Gasoline (C6-C10)	94	50	mg/kg				65-135			
Matrix Spike (7J16001-MS1)					Prepared: 10/15/2007 Analyzed: 10/15/2007					
Gasoline (C6-C10)	95	50	mg/kg		ND		65-135			
Matrix Spike Dup (7J16001-MSD1)					Prepared: 10/15/2007 Analyzed: 10/15/2007					
Gasoline (C6-C10)	94	50	mg/kg		ND		65-135		25	

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.

4640 Pecos Street | Unit C
Denver, Colorado 80211
303.433.1322 | Laboratory
303.265.9645 | Fax



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

Brian Dodek
Project Number: NEP0722
Project: Strong Battery

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

Origins Laboratory, Inc.

Noelle E Doyle, Laboratory Manager

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.