

Bratcher, Mike, EMNRD

From: Michael Stubblefield [mstubblefield@talonlpe.com]
Sent: Thursday, May 10, 2012 12:54 PM
To: Gregston, Terry G
Cc: Bratcher, Mike, EMNRD; Hernandez, Roger; Lewis, Merle; Schultz, Brian
Subject: FW: HACKBERRY 18 FEDERAL NO 1
Attachments: H200980 TALON.pdf

Dear Ms. Terry Gregston,

Talon/LPE is sending the analytical results for the soil samples collected on 4/27/2012 at the Hackberry 18 Federal No.1 release.

Mike Stubblefield
Project Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
(575) 746.8768 phone
(575) 746.8905 fax
(575) 441.7254 cell
www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist
Staples Foundation for Learning Hall of Fame Recipient: 2010
ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006
Inc. 500/5000: 2011, 2010, 2009, 2008, 2007

From: Celey Keene [<mailto:celey.keene@cardinallabsnm.com>]
Sent: Friday, May 04, 2012 12:35 PM
To: Michael Stubblefield; David Adkins; Kimberly M. Wilson
Subject: HACKBERRY 18 FEDERAL NO 1

THANK YOU,

Celey Keene
Lab Director
Cardinal Laboratories
101 East Marland
Hobbs, NM 88240
T: (575) 393-2326
F: (575) 393-2476
e-mail: celey.keene@cardinallabsnm.com

The information contained in this message is confidential and is only intended for the use of the individual/firm named above. If the reader of this message is not the intended recipient or the employee/agent responsible to

deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by e-mail or telephone in order to return the message.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 04, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: HACKBERRY 18 FED. NO. 1

Enclosed are the results of analyses for samples received by the laboratory on 04/30/12 11:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-9 BOTTOM 1' BGS (H200980-01)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.226	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	1.87	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	5.65	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 95.3 % 61.3-142

Surrogate Toluene-d8 97.0 % 71.3-129

Surrogate 4-Bromofluorobenzene 137 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/02/2012	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	106	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	1690	10.0	05/02/2012	ND	208	104	200	8.14	

Surrogate 1-Chlorooctane 148 % 55.5-154

Surrogate 1-Chlorooctadecane 150 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-10 NORTHSIDE WALL (H200980-02)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	<0.050	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate. Dibromofluoromethane 92.4 % 61.3-142

Surrogate. Toluene-d8 101 % 71.3-129

Surrogate. 4-Bromofluorobenzene 98.2 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/02/2012	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	31.2	10.0	05/02/2012	ND	208	104	200	8.14	

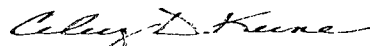
Surrogate. 1-Chlorooctane 128 % 55.5-154

Surrogate. 1-Chlorooctadecane 131 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-11 SOUTHSIDE WALL (H200980-03)

BTX 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37		
Toluene*	<0.050	0.050	05/03/2012	ND	1.00	100	1.00	5.54		
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32		
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09		

Surrogate Dibromofluoromethane 90.4 % 61.3-142

Surrogate Toluene-d8 101 % 71.3-129

Surrogate 4-Bromofluorobenzene 93.8 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	<10.0	10.0	05/02/2012	ND	208	104	200	8.14	

Surrogate 1-Chlorooctane 141 % 55.5-154

Surrogate 1-Chlorooctadecane 145 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-12 BOTTOM 1' BGS (H200980-04)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.089	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.663	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.196	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	0.723	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 90.4 % 61.3-142

Surrogate Toluene-d8 101 % 71.3-129

Surrogate 4-Bromofluorobenzene 100 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24		
DRO >C10-C28	2140	10.0	05/02/2012	ND	208	104	200	8.14		

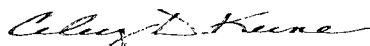
Surrogate 1-Chlorooctane 134 % 55.5-154

Surrogate 1-Chlorooctadecane 167 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-13 WESTSIDE WALL (H200980-05)

BTEX 8260B		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.178	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 89.4 % 61.3-142

Surrogate Toluene-d8 100 % 71.3-129

Surrogate 4-Bromofluorobenzene 98.2 % 65.7-141

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	25.7	10.0	05/02/2012	ND	208	104	200	8.14	

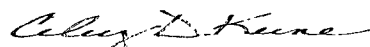
Surrogate 1-Chlorooctane 117 % 55.5-154

Surrogate 1-Chlorooctadecane 115 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-14 EASTSIDE WALL (H200980-06)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.163	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.937	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.204	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	0.672	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 88.9 % 61.3-142

Surrogate Toluene-d8 99.1 % 71.3-129

Surrogate 4-Bromofluorobenzene 99.3 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	22.3	10.0	05/02/2012	ND	208	104	200	8.14	

Surrogate 1-Chlorooctane 136 % 55.5-154

Surrogate 1-Chlorooctadecane 141 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-15 BOTTOM 1' BGS (H200980-07)

BTEX 8260B		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.190	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.077	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	0.179	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 86.5 % 61 3-142

Surrogate Toluene-d8 98.4 % 71 3-129

Surrogate 4-Bromofluorobenzene 97.6 % 65 7-141

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	1930	10.0	05/02/2012	ND	208	104	200	8.14	

Surrogate 1-Chlorooctane 122 % 55 5-154

Surrogate 1-Chlorooctadecane 153 % 57 6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-16 WESTSIDE WALL (H200980-08)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.058	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.260	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.052	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 87.6 % 61.3-142

Surrogate Toluene-d8 99.6 % 71.3-129

Surrogate 4-Bromofluorobenzene 93.3 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	13.1	10.0	05/02/2012	ND	208	104	200	8.14	

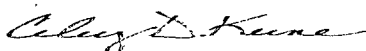
Surrogate 1-Chlorooctane 128 % 55.5-154

Surrogate 1-Chlorooctadecane 123 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-17 EASTSIDE WALL (H200980-09)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.065	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 87.4 % 61.3-142

Surrogate Toluene-d8 99.4 % 71.3-129

Surrogate 4-Bromofluorobenzene 93.0 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	18.5	10.0	05/02/2012	ND	208	104	200	8.14	

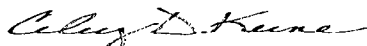
Surrogate 1-Chlorooctane 135 % 55.5-154

Surrogate 1-Chlorooctadecane 138 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-18 BOTTOM 1' BGS (H200980-10)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.143	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.060	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	0.194	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 87.3 % 61.3-142

Surrogate Toluene-d8 97.7 % 71.3-129

Surrogate 4-Bromofluorobenzene 94.6 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24	
DRO >C10-C28	13.8	10.0	05/02/2012	ND	208	104	200	8.14	

Surrogate 1-Chlorooctane 142 % 55.5-154

Surrogate 1-Chlorooctadecane 139 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-19 WESTWALL (H200980-11)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.121	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.072	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	0.231	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 89.1 % 61.3-142

Surrogate Toluene-d8 98.5 % 71.3-129

Surrogate 4-Bromofluorobenzene 98.6 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/02/2012	ND	184	92.2	200	6.24		
DRO >C10-C28	2860	10.0	05/02/2012	ND	208	104	200	8.14		

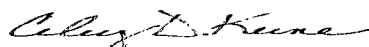
Surrogate 1-Chlorooctane 168 % 55.5-154

Surrogate 1-Chlorooctadecane 153 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-20 EASTWALL (H200980-12)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.090	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 86.7 % 61.3-142

Surrogate Toluene-d8 100 % 71.3-129

Surrogate 4-Bromofluorobenzene 98.6 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85		
DRO >C10-C28	873	10.0	05/03/2012	ND	216	108	200	2.53		

Surrogate 1-Chlorooctane 95.0 % 55.5-154

Surrogate 1-Chlorooctadecane 99.6 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-21 BOTTOM 1' BGS (H200980-13)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.311	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.882	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	3.08	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 89.1 % 61.3-142

Surrogate Toluene-d8 95.7 % 71.3-129

Surrogate 4-Bromofluorobenzene 118 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	43.9	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	1260	10.0	05/03/2012	ND	216	108	200	2.53	

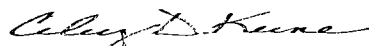
Surrogate 1-Chlorooctane 96.1 % 55.5-154

Surrogate 1-Chlorooctadecane 105 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-22 WESTWALL (H200980-14)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.108	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.550	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.268	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	0.557	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 89.0 % 61.3-142

Surrogate Toluene-d8 98.6 % 71.3-129

Surrogate 4-Bromofluorobenzene 97.9 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	19.9	10.0	05/03/2012	ND	216	108	200	2.53	

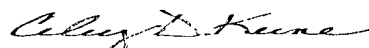
Surrogate 1-Chlorooctane 82.4 % 55.5-154

Surrogate 1-Chlorooctadecane 75.1 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-23 EASTWALL (H200980-15)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	0.196	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	0.093	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	0.281	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 87.2 % 61.3-142

Surrogate Toluene-d8 98.5 % 71.3-129

Surrogate 4-Bromofluorobenzene 93.9 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

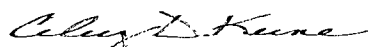
Surrogate 1-Chlorooctane 80.7 % 55.5-154

Surrogate 1-Chlorooctadecane 82.3 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-24 BOTTOM 1' BGS BATT. (H200980-16)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.185	0.100	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	3.62	0.100	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	2.96	0.100	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	6.90	0.300	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 91.6 % 61.3-142

Surrogate Toluene-d8 101 % 71.3-129

Surrogate 4-Bromofluorobenzene 115 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	216	10.0	05/03/2012	ND	204	102	200	4.85		
DRO >C10-C28	8410	10.0	05/03/2012	ND	216	108	200	2.53		

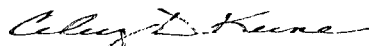
Surrogate 1-Chlorooctane 128 % 55.5-154

Surrogate 1-Chlorooctadecane 252 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-25 SOUTHSIDE WALL BATT. (H200980-17)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	<0.050	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 87.8 % 61.3-142

Surrogate Toluene-d8 98.0 % 71.3-129

Surrogate 4-Bromofluorobenzene 98.4 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	2750	10.0	05/03/2012	ND	216	108	200	2.53	

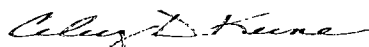
Surrogate 1-Chlorooctane 86.7 % 55.5-154

Surrogate 1-Chlorooctadecane 129 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-26 EASTSIDE WALL BATT. (H200980-18)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	<0.050	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 90.0 % 61.3-142

Surrogate Toluene-d8 99.2 % 71.3-129

Surrogate 4-Bromofluorobenzene 92.7 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	26.7	10.0	05/03/2012	ND	216	108	200	2.53	

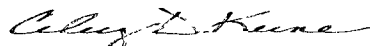
Surrogate 1-Chlorooctane 80.9 % 55.5-154

Surrogate 1-Chlorooctadecane 82.3 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Coley D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-27 NORTHSIDE WALL BATT. (H200980-19)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	<0.050	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate Dibromofluoromethane 87.2 % 61.3-142

Surrogate Toluene-d8 97.9 % 71.3-129

Surrogate 4-Bromofluorobenzene 91.6 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	17.0	10.0	05/03/2012	ND	216	108	200	2.53	

Surrogate 1-Chlorooctane 83.7 % 55.5-154

Surrogate 1-Chlorooctadecane 86.9 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-28 WESTSIDE WALL BATT. (H200980-20)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2012	ND	1.05	105	1.00	8.37	
Toluene*	<0.050	0.050	05/03/2012	ND	1.00	100	1.00	5.54	
Ethylbenzene*	<0.050	0.050	05/03/2012	ND	0.989	98.9	1.00	6.32	
Total Xylenes*	<0.150	0.150	05/03/2012	ND	2.99	99.8	3.00	7.09	

Surrogate: Dibromofluoromethane 87.7 % 61.3-142

Surrogate: Toluene-d8 98.3 % 71.3-129

Surrogate: 4-Bromofluorobenzene 90.5 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	242	10.0	05/03/2012	ND	216	108	200	2.53	

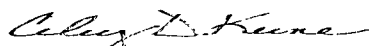
Surrogate: 1-Chlorooctane 78.9 % 55.5-154

Surrogate: 1-Chlorooctadecane 81.8 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 04/30/2012
 Reported: 05/04/2012
 Project Name: HACKBERRY 18 FED. NO. 1
 Project Number: 700794.025.01
 Project Location: SEC.18-T19S-R31E

 Sampling Date: 04/27/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-29 BTTM .5' BGS HT (H200980-21)

BTEX 8260B		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 90.6 % 61.3-142

Surrogate Toluene-d8 97.8 % 71.3-129

Surrogate 4-Bromofluorobenzene 89.8 % 65.7-141

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

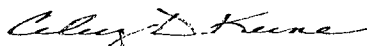
Surrogate 1-Chlorooctane 85.4 % 55.5-154

Surrogate 1-Chlorooctadecane 82.9 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-30 BTM .5' BGS LOC. (H200980-22)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 87.7 % 61.3-142

Surrogate Toluene-d8 95.6 % 71.3-129

Surrogate 4-Bromofluorobenzene 88.7 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	23.2	10.0	05/03/2012	ND	216	108	200	2.53	

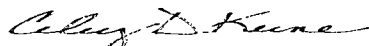
Surrogate 1-Chlorooctane 85.9 % 55.5-154

Surrogate 1-Chlorooctadecane 83.8 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-31 BTTM .5' BGS OFF LOC. (H200980-23)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 87.8 % 61.3-142
Surrogate Toluene-d8 97.5 % 71.3-129
Surrogate 4-Bromofluorobenzene 93.4 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	432	108	400	3.77	

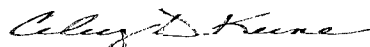
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

Surrogate 1-Chlorooctane 80.8 % 55.5-154
Surrogate 1-Chlorooctadecane 77.4 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Coley D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-32 BTM .5' BGS OFF LOC. (H200980-24)

BTEx 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09		
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31		
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78		
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72		

Surrogate Dibromofluoromethane 87.8 % 61.3-142

Surrogate Toluene-d8 98.3 % 71.3-129

Surrogate 4-Bromofluorobenzene 90.8 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/02/2012	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85		
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53		

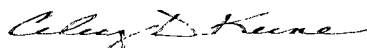
Surrogate 1-Chlorooctane 87.5 % 55.5-154

Surrogate 1-Chlorooctadecane 88.7 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-33 WESTSIDE WALL OFF LOC. (H200980-25)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 88.4 % 61.3-142

Surrogate Toluene-d8 97.7 % 71.3-129

Surrogate 4-Bromofluorobenzene 90.5 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

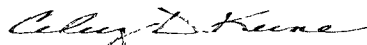
Surrogate 1-Chlorooctane 89.6 % 55.5-154

Surrogate 1-Chlorooctadecane 93.1 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-34 EASTSIDE WALL OFF LOC. (H200980-26)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 88.2 % 61.3-142

Surrogate Toluene-d8 98.3 % 71.3-129

Surrogate 4-Bromofluorobenzene 91.4 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

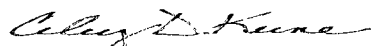
Surrogate 1-Chlorooctane 90.0 % 55.5-154

Surrogate 1-Chlorooctadecane 96.3 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Coley D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 04/30/2012
 Reported: 05/04/2012
 Project Name: HACKBERRY 18 FED. NO. 1
 Project Number: 700794.025.01
 Project Location: SEC.18-T19S-R31E

 Sampling Date: 04/27/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-35 BTM 1'BGS OFF LOC. (H200980-27)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 89.5 % 61.3-142

Surrogate Toluene-d8 97.6 % 71.3-129

Surrogate 4-Bromofluorobenzene 91.3 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

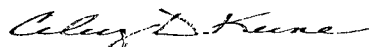
Surrogate 1-Chlorooctane 83.9 % 55.5-154

Surrogate 1-Chlorooctadecane 82.4 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-36 SOUTH WALL (H200980-28)

BTEx 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 87.2 % 61.3-142
Surrogate Toluene-d8 98.6 % 71.3-129
Surrogate 4-Bromofluorobenzene 92.3 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/02/2012	ND	400	100	400	0.00	

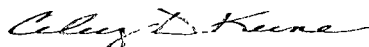
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

Surrogate 1-Chlorooctane 95.8 % 55.5-154
Surrogate 1-Chlorooctadecane 95.7 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-37 NORTH WALL (H200980-29)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 87.5 % 61.3-142

Surrogate Toluene-d8 99.0 % 71.3-129

Surrogate 4-Bromofluorobenzene 93.1 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

Surrogate 1-Chlorooctane 85.5 % 55.5-154

Surrogate 1-Chlorooctadecane 83.8 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 MIKE STUBBLEFIELD
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-38 BOTTOM 1' BGS (H200980-30)

BTEX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 86.9 % 61.3-142

Surrogate Toluene-d8 96.3 % 71.3-129

Surrogate 4-Bromofluorobenzene 90.0 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	

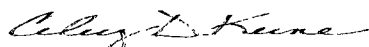
Surrogate 1-Chlorooctane 83.7 % 55.5-154

Surrogate 1-Chlorooctadecane 84.9 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-39 NORTH WALL (H200980-31)

BTX 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 89.3 % 61.3-142

Surrogate Toluene-d8 97.9 % 71.3-129

Surrogate 4-Bromofluorobenzene 90.6 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	204	102	200	4.85	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	216	108	200	2.53	


Surrogate 1-Chlorooctane 89.7 % 55.5-154

Surrogate 1-Chlorooctadecane 93.3 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-40 SOUTH WALL (H200980-32)
BTEX 8260B

mg/kg

Analyzed By: CMS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 91.5 % 61.3-142

Surrogate Toluene-d8 99.8 % 71.3-129

Surrogate 4-Bromofluorobenzene 94.3 % 65.7-141

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M

mg/kg

Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	192	96.2	200	1.55	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	213	106	200	3.82	

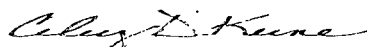
Surrogate 1-Chlorooctane 78.6 % 55.5-154

Surrogate 1-Chlorooctadecane 82.2 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-41 BOTTOM 1' BGS (H200980-33)

BTEx 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09		
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31		
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78		
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72		

Surrogate Dibromofluoromethane 87.7 % 61.3-142

Surrogate Toluene-d8 98.4 % 71.3-129

Surrogate 4-Bromofluorobenzene 89.8 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/02/2012	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2012	ND	192	96.2	200	1.55		
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	213	106	200	3.82		

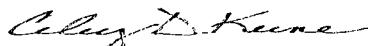
Surrogate 1-Chlorooctane 80.8 % 55.5-154

Surrogate 1-Chlorooctadecane 83.9 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-42 NORTHWALL (H200980-34)

BTX 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09		
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31		
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78		
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72		

Surrogate Dibromofluoromethane 86.4 % 61.3-142

Surrogate Toluene-d8 100 % 71.3-129

Surrogate 4-Bromofluorobenzene 92.7 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/02/2012	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/03/2012	ND	192	96.2	200	1.55		
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	213	106	200	3.82		


Surrogate 1-Chlorooctane 70.6 % 55.5-154

Surrogate 1-Chlorooctadecane 67.8 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received: 04/30/2012
Reported: 05/04/2012
Project Name: HACKBERRY 18 FED. NO. 1
Project Number: 700794.025.01
Project Location: SEC.18-T19S-R31E

Sampling Date: 04/27/2012
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-43 SOUTHWALL (H200980-35)

BTX 8260B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09		
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31		
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78		
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72		

Surrogate Dibromofluoromethane 88.4 % 61.3-142

Surrogate Toluene-d8 95.6 % 71.3-129

Surrogate 4-Bromofluorobenzene 89.0 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	192	96.2	200	1.55	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	213	106	200	3.82	


Surrogate 1-Chlorooctane 84.7 % 55.5-154

Surrogate 1-Chlorooctadecane 89.1 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
MIKE STUBBLEFIELD
408 W. TEXAS AVE.
ARTESIA NM, 88210
Fax To: (575) 745-8905

Received:	04/30/2012	Sampling Date:	04/27/2012
Reported:	05/04/2012	Sampling Type:	Soil
Project Name:	HACKBERRY 18 FED. NO. 1	Sampling Condition:	Cool & Intact
Project Number:	700794.025.01	Sample Received By:	Jodi Henson
Project Location:	SEC.18-T19S-R31E		

Sample ID: S-44 WESTWALL (H200980-36)

BTEx 8260B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2012	ND	1.17	117	1.00	1.09	
Toluene*	<0.050	0.050	05/04/2012	ND	1.12	112	1.00	2.31	
Ethylbenzene*	<0.050	0.050	05/04/2012	ND	1.07	107	1.00	5.78	
Total Xylenes*	<0.150	0.150	05/04/2012	ND	3.22	107	3.00	6.72	

Surrogate Dibromofluoromethane 89.3 % 61.3-142

Surrogate Toluene-d8 99.1 % 71.3-129

Surrogate 4-Bromofluorobenzene 93.0 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/02/2012	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/03/2012	ND	192	96.2	200	1.55	
DRO >C10-C28	<10.0	10.0	05/03/2012	ND	213	106	200	3.82	


Surrogate 1-Chlorooctane 83.3 % 55.5-154

Surrogate 1-Chlorooctadecane 88.9 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

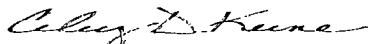
Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below
- *** Insufficient time to reach temperature
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

1-4

Company Name: <u>Talon/IFE</u>		BILL TO		ANALYSIS REQUEST														
Project Manager: <u>Mike Stuttsfeld</u>		P.O. #:																
Address: <u>408 West Texas Ave.</u>		Company: <u>Talon/IFE</u>																
City: <u>Alameda</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:																
Phone #: <u>505-441-7254</u> Fax #:		Address:																
Project #: <u>200794.025-01</u> Project Owner: <u>Devon Energy Corp.</u>		City:																
Project Name: <u>Hackberry 18 Federal No. 1</u>		State: Zip:																
Project Location: <u>sec 18 - T19C - R31E</u>		Phone #:																
Sampler Name: <u>Mike Stuttsfeld</u>		Fax #:																
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	PRESERV. ACID/BASE ICE / COOL OTHER	SAMPLING DATE TIME	805M TPH	80218 BTEX	Total chlorides										
H200480																		
1	5-9 bottom 1' bgs					4/27/2012	10:23 A	/	/	/								
2	5-10 Northside wall					4/27/2012	10:25 A	/	/	/								
3	5-11 Southside wall					4/27/2012	10:27 A	/	/	/								
4	5-12 bottom 1' bgs					4/27/2012	10:32 A	/	/	/								
5	5-13 Westside wall					4/27/2012	10:35 A	/	/	/								
6	5-14 Eastside wall					4/27/2012	10:39 A	/	/	/								
7	5-15 bottom 1' bgs					4/27/2012	10:41 A	/	/	/								
8	5-16 Westside wall					4/27/2012	10:45 A	/	/	/								
9	5-17 Eastside wall					4/27/2012	10:46 A	/	/	/								
10	5-18 bottom 1' bgs					4/27/2012	10:48 A	/	/	/								
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																		
Relinquished By: <u>Mike Stuttsfeld</u>		Date: <u>4/30/2012</u>	Received By: <u>Jodi Henson</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:											
Relinquished By:		Time: <u>11:32</u>	Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:											
		Date:			REMARKS:													
		Time:																
Delivered By: (Circle One)			Sample Condition		CHECKED BY: (Initials)													
Sampler - UPS - Bus - <u>Other</u>			Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		<u>JA</u>													

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

2.4

Company Name: <u>Talon/LPE</u>		BILL TO		ANALYSIS REQUEST																										
Project Manager: <u>Mike Stubbelfield</u>		P.O. #:																												
Address: <u>408 West Tederal Ave.</u>		Company: <u>Talon/LPE</u>																												
City: <u>Alto</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:																												
Phone #: <u>505-441-7214</u> Fax #:		Address:																												
Project #: <u>200794.025.01</u> Project Owner:		City:																												
Project Name: <u>Hackberry 18 Fed. No. 1</u>		State: Zip:																												
Project Location: <u>Sec. 18 T19S R31E</u>		Phone #:																												
Sampler Name: <u>Mike Stubbelfield</u>		Fax #:																												
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(O)RAB OR (O)IMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING																			
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME	805 A TPH	8021 B BTEX	Total chlorides												
	H2007960																													
	11	S-19 West wall	G	1			/				/			4/27/2012	10:50 A	/	/	/												
	12	S-20 East wall	G	1			/				/			4/27/2012	10:52 A	/	/	/												
	13	S-21 bottom 1' bgs	G	1			/				/			4/27/2012	10:54 A	/	/	/												
	14	S-22 West wall	G	1			/				/			4/27/2012	10:55 A	/	/	/												
	15	S-23 East wall	G	1			/				/			4/27/2012	10:59 A	/	/	/												
	16	S-24 bottom 1' bgs battery	G	1			/				/			4/27/2012	11:01 A	/	/	/												
	17	S-25 Southside wall battery	G	1			/				/			4/27/2012	11:03 A	/	/	/												
	18	S-26 Eastside wall battery	G	1			/				/			4/27/2012	11:07 A	/	/	/												
	19	S-27 Northside wall battery	G	1			/				/			4/27/2012	11:11 A	/	/	/												
	20	S-28 Westside wall battery	G	1			/				/			4/27/2012	11:14 A	/	/	/												

PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Mike Stubbelfield</u>	Date: <u>4/30/2012</u> Time: <u>11:32</u>	Received By: <u>Godi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
			REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>-0.50</u>			Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
			CHECKED BY: <u>[Signature]</u>	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

3-4

Company Name: <u>Talon/LPE</u>		BILL TO		ANALYSIS REQUEST																							
Project Manager: <u>Mike Grubbelfield</u>		P.O. #:																									
Address: <u>408 West Tenth Ave.</u>		Company: <u>Talon/LPE</u>																									
City: <u>Alcova</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:																									
Phone #: <u>505-441-7214</u> Fax #: <u></u>		Address:																									
Project #: <u>200794.025.01</u> Project Owner:		City:																									
Project Name: <u>Hartberry 18 Fil. No. 1</u>		State: Zip:																									
Project Location: <u>Sec. 18-7195 R31E</u>		Phone #:																									
Sampler Name: <u>Mike Grubbelfield</u>		Fax #:																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	8011A TPH	8011B OTEL	Total chlorides										
H200980																											
21	5:29 bottom 5' bgs water isolator	G	1			/				/			4/27/2012	11:32A	/	/	/										
22	5:30 bottom 5' bgs location	G	1			/				/			4/27/2012	11:42A	/	/	/										
23	5:31 bottom 5' bgs location	G	1			/				/			4/27/2012	11:47A	/	/	/										
24	5:32 bottom 5' bgs off location	G	1			/				/			4/27/2012	11:53A	/	/	/										
25	5:33 West side wall off location	G	1			/				/			4/27/2012	11:55A	/	/	/										
26	5:34 East side wall off location	G	1			/				/			4/27/2012	11:57A	/	/	/										
27	5:35 bottom 5' bgs off location	G	1			/				/			4/27/2012	12:23P	/	/	/										
28	5:36 South wall	G	1			/				/			4/27/2012	12:25P	/	/	/										
29	5:37 North wall	G	1			/				/			4/27/2012	12:27P	/	/	/										
30	5:38 bottom 5' bgs	G	1			/				/			4/27/2012	12:31P	/	/	/										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Mike Grubbelfield</u>	Date: <u>4/30/2012</u>	Received By: <u>Jodi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other <u>Other</u>	Time: <u>11:32</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <u>Jodi Benson</u>	

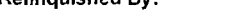
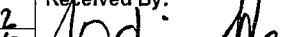

REMARKS:



Page 42 of 42

4.4

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		4/30/02		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Time:		REMARKS:		
		11:35				
Date:		Received By:				
Time:						
Delivered By: (Circle One)		Sample Condition		CHECKED BY:		
Sampler - UPS - Bus - <u>Other</u>		Cool Intact -0.5°C <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476