

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

OIL CONS. DIV DIST. 3

APR 12 2016

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Burlington Resources, a wholly owned subsidiary of ConocoPhillips Company	Contact Gwen R. Frost
Address 3401 E. 30th St., Farmington, NM 87402	Telephone No. 505-326-9549
Facility Name Walker SRC #1	Facility Type Gas Well API # 30-045-08823
Surface Owner Private	Mineral Owner Fee Lease No. Fee

LOCATION OF RELEASE

Unit Letter G	Section 3	Township T29N	Range R12W	Feet from the 1320'	North/South Line North	Feet from the 1320'	East/West Line East	County San Juan
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Latitude 36.758260° N Longitude 108.080840° W

NATURE OF RELEASE

Below Grade Tank Closure

Type of Release – Produced Water	Volume of Release – Unknown	Volume Recovered – 0 BBL's
Source of Release: Below Grade Tank (BGT)	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 9-10-09
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? OCD - Brandon Powell via phone call	
By Whom? Gwen Frost	Date and Hour – 10/12/09 – 4:00 p.m.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		

Describe Cause of Problem and Remedial Action Taken.* **The BGT was removed and a 5-point soil sample was collected & analyzed per U.S. EPA Method 418.1, 4500B, 8021/8015. Soil samples results indicated that chlorides were above the 250 ppm BGT closure limit at 550 ppm. Upgradient background chlorides averaged 230 ppm for the site. Depth to groundwater was documented by NM State Engineer's Office with an average 203 feet to groundwater. Soil was excavated in BGT area & bottom of BGT was re-sampled with analytical results of 30 ppm chlorides. Confirmation soil sample results indicate that there is no longer any risk to groundwater.**

Describe Area Affected and Cleanup Action Taken **Soil was excavated & hauled to IEL Inc. landfarm. Confirmation sampling for chlorides was completed by BEST Environmental. See soil analyticals attached.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Gwen R. Frost</i>	OIL CONSERVATION DIVISION	
Printed Name: Gwen R. Frost	Approved by District Supervisor: <i>Janet</i>	
Title: Environmental Engineer	Approval Date: 5/2/2016	Expiration Date:
E-mail Address: gwendolynne.frost@conocophillips.com	Conditions of Approval: —	Attached <input type="checkbox"/>
Date: 10/22/09 Phone: 505-326-9549		

* Attach Additional Sheets If Necessary

NVF 1612333821



EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

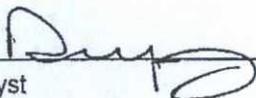
Client:	Burlington	Project #:	92115-0001
Sample ID:	5pt Comp Btm @ 5'	Date Reported:	09-08-09
Laboratory Number:	51532	Date Sampled:	09-03-09
Chain of Custody No:	7890	Date Received:	09-03-09
Sample Matrix:	Soil	Date Extracted:	09-03-09
Preservative:	Cool	Date Analyzed:	09-04-09
Condition:	Intact	Analysis Requested:	8015 TPH

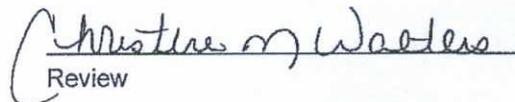
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Walker SRC #1**


Analyst


Review



**EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-04-09 QA/QC	Date Reported:	09-08-09
Laboratory Number:	51508	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-04-09
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RE	C-Cal RE	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	1.0821E+003	1.0825E+003	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	9.4473E+002	9.4511E+002	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

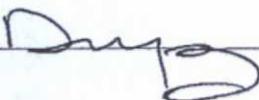
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

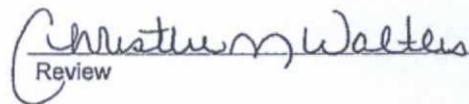
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	254	102%	75 - 125%
Diesel Range C10 - C28	ND	250	230	92.0%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 51508 - 51510, 51512 - 50513, 51522, 51532, and 51535.

Analyst 

Review 

Client:	Burlington	Project #:	92115-0001
Sample ID:	5pt Comp Btm @ 5'	Date Reported:	09-08-09
Laboratory Number:	51532	Date Sampled:	09-03-09
Chain of Custody:	7890	Date Received:	09-03-09
Sample Matrix:	Soil	Date Analyzed:	09-04-09
Preservative:	Cool	Date Extracted:	09-03-09
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	0.9
Toluene	ND	1.0
Ethylbenzene	ND	1.0
p,m-Xylene	ND	1.2
o-Xylene	ND	0.9
Total BTEX	ND	

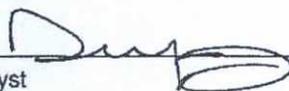
ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96.0 %
	1,4-difluorobenzene	96.0 %
	Bromochlorobenzene	96.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Walker SRC #1


Analyst


Review

Client:	N/A	Project #:	N/A
Sample ID:	09-04-BT QA/QC	Date Reported:	09-08-09
Laboratory Number:	51508	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-04-09
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	2.4787E+006	2.4837E+006	0.2%	ND	0.1
Toluene	2.3146E+006	2.3193E+006	0.2%	ND	0.1
Ethylbenzene	2.0442E+006	2.0483E+006	0.2%	ND	0.1
p,m-Xylene	5.3015E+006	5.3121E+006	0.2%	ND	0.1
o-Xylene	1.9658E+006	1.9698E+006	0.2%	ND	0.1

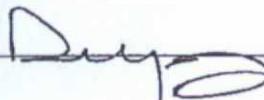
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	ND	ND	0.0%	0 - 30%	0.9
Toluene	ND	ND	0.0%	0 - 30%	1.0
Ethylbenzene	ND	ND	0.0%	0 - 30%	1.0
p,m-Xylene	ND	ND	0.0%	0 - 30%	1.2
o-Xylene	ND	ND	0.0%	0 - 30%	0.9

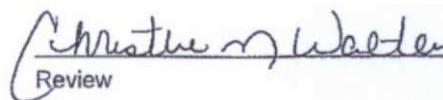
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	50.0	49.5	99.0%	39 - 150
Toluene	ND	50.0	49.1	98.2%	46 - 148
Ethylbenzene	ND	50.0	48.5	97.0%	32 - 160
p,m-Xylene	ND	100	102	102%	46 - 148
o-Xylene	ND	50.0	43.0	86.0%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 51508 - 51514, 51522, 51532, and 51535.

Analyst 

Review 



EPA METHOD 418.1
TOTAL PETROLEUM
HYDROCARBONS

Client:	Burlington	Project #:	92115-0001
Sample ID:	5pt Comp Btm @ 5'	Date Reported:	09-08-09
Laboratory Number:	51532	Date Sampled:	09-03-09
Chain of Custody No:	7890	Date Received:	09-03-09
Sample Matrix:	Soil	Date Extracted:	09-03-09
Preservative:	Cool	Date Analyzed:	09-03-09
Condition:	Intact	Analysis Needed:	TPH-418.1

Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	20.8	10.4

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: Walker SRC #1

Analyst

Christine M. Walters
Review



EPA METHOD 418.1
 TOTAL PETROLEUM
 HYDROCARBONS
 QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	09-03-09
Laboratory Number:	09-03-TPH.QA/QC 51506	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	09-03-09
Preservative:	N/A	Date Extracted:	09-03-09
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
	08-25-09	09-03-09	1,440	1,520	5.6%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	10.4

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	32.3	26.6	17.6%	+/- 30%

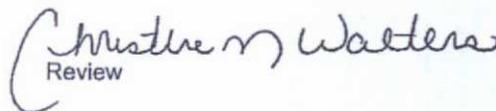
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	32.3	2,000	1,930	95.0%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 51337, 51506 - 51509, 51511 - 51513, 51522 and 51532.

Analyst 

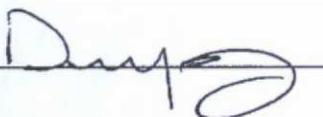
Review 

Client:	Burlington	Project #:	92115-0001
Sample ID:	5-pt Comp Btm @ 5'	Date Reported:	09-08-09
Lab ID#:	51532	Date Sampled:	09-03-09
Sample Matrix:	Soil	Date Received:	09-03-09
Preservative:	Cool	Date Analyzed:	09-04-09
Condition:	Intact	Chain of Custody:	7890

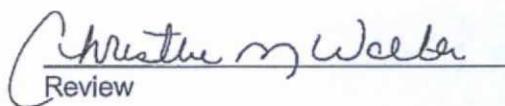
Parameter	Concentration (mg/Kg)
Total Chloride	550

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Walker SRC #1.



Analyst



Review

CHAIN OF CUSTODY RECORD (Dust) 7990

Client: <i>DURLINGTON</i>	Project Name / Location: <i>WALKER SRC #1</i>	ANALYSIS / PARAMETERS															
Client Address:	Sampler Name: <i>F. McDONALD</i>	TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact
Client Phone No.:	Client No.: <i>92115-0001</i>																

Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact	
						H ₂ O ₂	HCl																	
<i>5-PT COMP</i>	<i>9/3/09</i>	<i>9:40</i>	<i>51532</i>	<i>Soil Sludge</i>	<i>1</i>			<i>X</i>	<i>X</i>														<i>Y</i>	<i>Y</i>
<i>Btm @ 5'</i>				<i>Soil Sludge</i>																				
				<i>Soil Sludge</i>																				
				<i>Soil Sludge</i>																				
				<i>Soil Sludge</i>																				
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				<i>Soil Sludge</i>																				

Relinquished by: (Signature) <i>[Signature]</i>	Date <i>9/3/09</i>	Time <i>9:50</i>	Received by: (Signature) <i>[Signature]</i>	Date <i>9-3-09</i>	Time <i>9:50</i>
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

Rust

EMEK Frost



envirotech
Analytical Laboratory

5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com

Client:	Burlington	Project #:	92115-0001
Sample ID:	BGT Btm @ 14'	Date Reported:	10-19-09
Lab ID#:	52132	Date Sampled:	10-16-09
Sample Matrix:	Soil	Date Received:	10-16-09
Preservative:	Cool	Date Analyzed:	10-16-09
Condition:	Intact	Chain of Custody:	8216

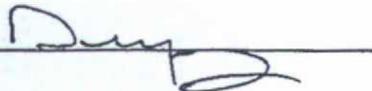
Parameter	Concentration (mg/Kg)
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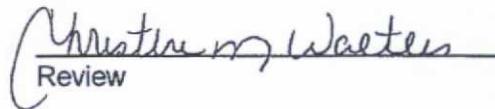
Total Chloride

30

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Walker SRC #1.


Analyst


Review



Client:	Burlington	Project #:	92115-0001
Sample ID:	Upgradient TH @ 5'	Date Reported:	10-19-09
Lab ID#:	52133	Date Sampled:	10-16-09
Sample Matrix:	Soil	Date Received:	10-16-09
Preservative:	Cool	Date Analyzed:	10-16-09
Condition:	Intact	Chain of Custody:	8216

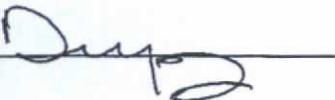
Parameter	Concentration (mg/Kg)
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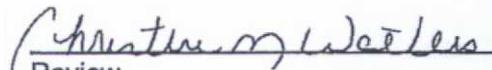
Total Chloride

205

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Walker SRC #1.**

Analyst 


Review

Client:	Burlington	Project #:	92115-0001
Sample ID:	Upgradient TH @ 9'	Date Reported:	10-19-09
Lab ID#:	52134	Date Sampled:	10-16-09
Sample Matrix:	Soil	Date Received:	10-16-09
Preservative:	Cool	Date Analyzed:	10-16-09
Condition:	Intact	Chain of Custody:	8216

Parameter	Concentration (mg/Kg)
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Total Chloride

230

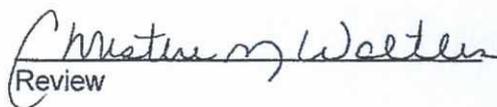
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Walker SRC #1.**

Analyst



Review





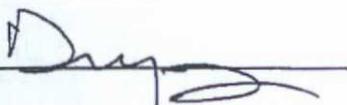
Client:	Burlington	Project #:	92115-0001
Sample ID:	Upgradient TH @ 12'	Date Reported:	10-19-09
Lab ID#:	52135	Date Sampled:	10-16-09
Sample Matrix:	Soil	Date Received:	10-16-09
Preservative:	Cool	Date Analyzed:	10-16-09
Condition:	Intact	Chain of Custody:	8216

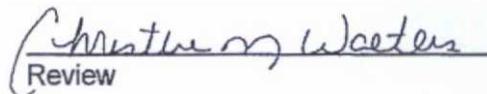
Parameter	Concentration (mg/Kg)
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Total Chloride	235
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Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Walker SRC #1.**

Analyst 

Review 

CHAIN OF CUSTODY RECORD *Rush 8216*

Client: <i>SUBINATOR</i>			Project Name / Location: <i>WALKER SRC #1</i>			ANALYSIS / PARAMETERS																	
Client Address:			Sampler Name: <i>F. Mc Donald</i>			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact		
Client Phone No.:			Client No.: <i>92115-0001</i>																				
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative																	
						H ₂ O ₂	HCl																
<i>Dist BTM @ 14'</i>	<i>10/16/09</i>	<i>9:45</i>	<i>52132</i>	<i>Soil</i> Sludge <i>Solid</i> Aqueous	<i>1</i>																<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>UPGRADIENT TH @ 5'</i>	<i>"</i>	<i>10:00</i>	<i>52133</i>	<i>Soil</i> Sludge <i>Solid</i> Aqueous	<i>1</i>																<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>UPGRADIENT TH @ 9'</i>	<i>"</i>	<i>10:10</i>	<i>52134</i>	<i>Soil</i> Sludge <i>Solid</i> Aqueous	<i>1</i>																<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>UPGRADIENT TH @ 12'</i>	<i>"</i>	<i>10:20</i>	<i>52135</i>	<i>Soil</i> Sludge <i>Solid</i> Aqueous	<i>1</i>																<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
				<i>Soil</i> Sludge <i>Solid</i> Aqueous																			
				<i>Soil</i> Sludge <i>Solid</i> Aqueous																			
				<i>Soil</i> Sludge <i>Solid</i> Aqueous																			
				<i>Soil</i> Sludge <i>Solid</i> Aqueous																			
				<i>Soil</i> Sludge <i>Solid</i> Aqueous																			
				<i>Soil</i> Sludge <i>Solid</i> Aqueous																			
Relinquished by: (Signature) <i>[Signature]</i>			Date	Time	Received by: (Signature) <i>[Signature]</i>			Date	Time														
Relinquished by: (Signature)			<i>10/16/09</i>	<i>10:45</i>	Received by: (Signature)			<i>10/16/09</i>	<i>10:45</i>														
Relinquished by: (Signature)					Received by: (Signature)																		
<p><i>SAME CHANGE CODE:</i> <i>LOREN FROSS</i></p> <div style="text-align: center;">  <p>envirotech Analytical Laboratory</p> </div> <p style="text-align: center; font-size: small;">5796 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • lab@envirotech-inc.com</p>																							