

State of Colorado
Oil and Gas Conservation Commission



1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

FOR OGCC USE ONLY

OGCC Employee:

Spill Complaint
 Inspection NOAV

Tracking No:

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

Spill or Release Plug & Abandon Central Facility Closure Site/Facility Closure Other (describe): 400785370

OGCC Operator Number: <u>4680</u>	Contact Name and Telephone: <u>Steve Weathers</u>
Name of Operator: <u>DCP Midstream LP</u>	No: <u>303-605-1718</u>
Address: <u>370 17th Street</u>	Fax: _____
City: <u>Denver</u> State: <u>CO</u> Zip: <u>80202</u>	

API Number: _____	County: _____
Facility Name: _____	Facility Number: <u>440770</u>
Well Name: _____	Well Number: _____
Location: (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWSW S31 T3N R63W</u> Latitude: <u>40.176595</u> Longitude: <u>-104.489837</u>	

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Crude, condensate

Site Conditions: Is location within a sensitive area (according to Rule 901e)? Y N If yes, attach evaluation.

Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): Livestock

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Valent sand, 0 to 3 percent slopes

Potential receptors (water wells within 1/4 mi, surface waters, etc.): No commercial, livestock, or domestic permitted wells are located 1/4 mile of the release.

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):	Extent of Impact:	How Determined:
<input checked="" type="checkbox"/> Soils	<u>Refer to Figures 2 & 4 and Table 1</u>	<u>Soil Sampling</u>
<input type="checkbox"/> Vegetation	_____	_____
<input checked="" type="checkbox"/> Groundwater	<u>Refer to Attached Figure 3 and Table 2</u>	<u>Groundwater Sampling</u>
<input type="checkbox"/> Surface Water	_____	_____

REMEDIATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):

An initial form 19 was submitted to COGCC on February 2, 2015, with a supplemental form 19 submitted on February 10, 2015. COGCC issued spill tracking facility ID# 440770 for the site and a topographic map of the site is included as Figure 1.

Describe how source is to be removed:

Please refer to the attached Form 27 Supplemental Summary Letter.

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:

Please refer to the attached Form 27 Supplemental Summary Letter.



Tracking Number: _____
Name of Operator: _____
OGCC Operator No: _____
Received Date: _____
Well Name & No: _____
Facility Name & No: _____

Page 2
REMEDIATION WORKPLAN (Cont.)

OGCC Employee: _____

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

Twelve (12) groundwater monitoring wells as illustrated on Figure 5 will be sampled on a quarterly basis and analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) using USEPA Method 8260B until four consecutive quarters of monitoring data are below COGCC Table 910-1 standards.

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

The stained area and the excavation area illustrated on Figures 2 and 4, respectively, has been backfilled and compacted with clean structural material and recontoured to match pre-existing conditions. Re-seeding is not necessary at this time due to the current landuse on-site.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? Y N If yes, describe:

Further site investigation includes quarterly groundwater monitoring during on-going in-situ remediation activities. Soil and groundwater sample analytical data are summarized on Tables 1 & 2, respectively, and the laboratory analytical data is included in Attachment A. Soil and groundwater sample locations are illustrated on Figures 2, 3, & 4.

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

Impacted soil that was removed from the site was disposed of at the Buffalo Ridge Waste Management Facility near Henderson, CO and impacted groundwater and LNAPL was disposed of at an approved disposal/injection well located in LaSalle, CO.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began: 2/2/15 Date Site Investigation Completed: On going Date Remediation Plan Submitted: 11/4/15
Remediation Start Date: 2/6/15 Anticipated Completion Date: Unkown Actual Completion Date: _____

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Brian Humphrey for DCP Midstream Signed: [Signature]
Title: Project Manager Date: 11/4/15

OGCC Approved: _____ Title: _____ Date: _____

October 29, 2015

Mr. Steve Weathers
Principal Environmental Specialist
DCP Midstream, L.P.
370 17th St. #2500
Denver, CO 80202

**RE: Form 27 Supplemental Summary Letter
Tampa Compressor Station
Spill/Release Facility ID# 440770**

Dear Mr. Weathers:

Tasman Geosciences (Tasman) has prepared this Form 27 Supplemental Summary Letter to detail field activities that occurred at the Tampa Compressor Station located in the SWSW ¼, Section 31, Township 3N, Range 63W (Site [Figure 1]) subsequent to a pipeline release that occurred in February 2015.

Background and Site Remediation Activities

A petroleum hydrocarbon release originating from an underground pipeline occurred at the Site resulting in surface soil staining as illustrated on Figure 2. DCP Midstream (DCP) submitted an initial Form 19 on February 2, 2015 with a Supplemental Form 19 submitted on February 10, 2015 and the Colorado Oil and Gas Conservation Commission (COGCC) issued a spill tracking facility ID# 440770 for the Site.

Initial soil investigation and sampling (SS04) activities that were conducted on February 2, 2015 indicated that surface soil impacts were above COGCC standards. On February 6, 2015, hydrovacuum excavation and soil removal activities of the surface stained soils (Figure 2) to approximately 1-foot below ground surface (bgs) was conducted and approximately 14 cubic yards (yd³) of material was removed.

On February 13, 2015, three soil borings were advanced at the locations illustrated on Figure 3 and soil samples were collected from just above the saturated interval at each location. On February 19, 2015 groundwater monitoring activities were conducted at the well locations and light non-aqueous phase liquid (LNAPL) was observed in monitoring wells BH01 and BH03 with measured thicknesses of 3.14 feet and 1.83 feet, respectively. A groundwater sample was collected from BH02 and the laboratory analytical results from that well were below COGCC Table 910-1 standards. As illustrated on Figure 3, groundwater flow at the Site is generally towards the northwest with a hydraulic gradient of approximately 0.006 foot per foot, calculated between BH01 and BH03.

On April 28, 2015, a vacuum enhanced fluid recovery (EFR) event was conducted at monitoring wells BH01 and BH03 and approximately 5 barrels of liquid was removed during that event.

Additional source area excavation activities were conducted at the site between May 6 and 22, 2015 and approximately 210 yd³ of impacted soil and 33 barrels of groundwater were removed during excavation. Soil samples were collected at the locations illustrated on Figure 4 and based on the laboratory analytical results, impacted soil within the vadose zone remains in place in the northwest corner of the Site/excavation area. Due to the existing infrastructure and off-site conditions, the soil was left in place and will be addressed through in-situ remediation activities as described in the next Section. Additionally, during the May 2015 excavation activities, monitoring well BH01 was destroyed. Soil and groundwater analytical data are summarized on Tables 1 & 2, respectively, and the laboratory analytical data are included in Attachment A.

Remediation Work Plan

Based on the investigation and remediation efforts described above, ten (10) 2-inch monitoring/remediation wells will be installed as illustrated on Figure 5, including a replacement well for BH01, to delineate the horizontal extents of LNAPL and dissolved phase petroleum hydrocarbon impacts to groundwater. Subsequent to well installation and groundwater sampling activities, in-situ remediation activities will be implemented utilizing mobile soil vapor extraction (SVE), vacuum enhanced fluid recovery (EFR), and air sparge (AS) events at monitoring wells with impacted soil within the vadose zone, LNAPL, and/or elevated BTEX concentrations in groundwater.

Additionally, should sufficient LNAPL thicknesses be present within any of the site monitoring wells, operation and monitoring of a Clean Earth Technology Spill Buster automatic LNAPL recovery system may be implemented. Subsequent to a 6-month monitoring and remediation period, site conditions will be re-evaluated and the remediation work plan may be updated through a subsequent Form 4 Sundry Notice, if necessary.

Should you have any questions regarding this letter and the activities discussed herein, please contact me by phone at (303) 487-1228 or by e-mail at bhumphrey@tasman-geo.com.

Sincerely,



Brian Humphrey
Project Manager
Tasman Geosciences

Enclosures:

- Table 1 – Soil Analytical Results Summary Table
- Table 2 – Groundwater Analytical Results Summary Table

- Figure 1 – Site Location Map
- Figure 2 – Well Location and Soil Sample Analytical Results Map
- Figure 3 – Groundwater Elevation Contour and Groundwater Analytical Results Map
- Figure 4 – Excavation and Soil Sample Location Map

Figure 5 – Proposed Well Location Map

Appendix A – Laboratory Analytical Reports

cc: file

TABLES

TABLE 1
DCP MIDSTREAM - TAMPA COMPRESSOR STATION
SOIL ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	Depth (Feet bgs)	PID Readings (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH ⁽²⁾ (mg/kg)
SS01	2/2/2015	Surface	0.0	NS	NS	NS	NS	NS
SS02	2/2/2015	Surface	0.0	NS	NS	NS	NS	NS
SS03	2/2/2015	Surface	0.0	NS	NS	NS	NS	NS
SS04	2/2/2015	Surface	0.0	7.4	46	21	100	3,700
SS05	2/2/2015	Surface	0.0	NS	NS	NS	NS	NS
SS06 @ 9'	5/20/2015	9	58.1	<0.002	<0.005	<0.005	<0.005	<50
SS07 @ 9'	5/20/2015	9	120.2	<0.002	0.0065	<0.005	0.016	<50
SS08 @ 9'	5/20/2015	9	195.4	<0.002	<0.005	0.0069	0.063	<50
SS09 @ 9'	5/21/2015	9	1,506	21.0	86.0	22.0	180.0	4,810
SS10 @ 9'	5/21/2015	9	1,810	4.4	37.0	16.0	80.0	6,000
SS11 @ 9'	5/21/2015	9	875.5	0.096	0.27	0.070	1.4	<50
BH01 @ 13'	2/13/2015	13	2,585	4.3	35.0	16.0	88.0	10,600
BH02 @ 12'	2/13/2015	12	93.0	0.0041	0.01	0.0058	0.04	<50
BH03 @ 13'	2/13/2015	13	1,759	1.1	4.3	0.82	11.0	1,230
COGCC standards for Soil (mg/kg) ⁽¹⁾				0.17	85	100	175	500

Notes:

- 1). Standards for Soil are taken from 2 CCR 404-1, Table 910-1, effective February 1, 2014.
 - 2). TPH - Total volatile and extractable petroleum hydrocarbons. Value calculated by adding GRO and DRO concentrations.
- GRO - Gasoline range organics. DRO - Diesel range organics. NA - Not Analyzed
mg/kg= Milligrams per kilogram. bgs - Below ground surface.
ppm - Parts per million NS - Not Sampled
Bold values indicate an exceedance of the COGCC soil standards for the Site.

TABLE 2
DCP MIDSTREAM - TAMPA COMPRESSOR STATION
GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE

Sample ID	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
BH01	2/19/2015	LNAPL (3.14)			
BH02	2/19/2015	<1.0	1.7	<1.0	1.1
BH03	2/19/2015	LNAPL (1.83)			
COGCC standards for Groundwater (µg/L) ⁽¹⁾		5	560	700	1,400

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 910-1 of the COGCC 900 Series Rule for E&P Waste Management.

Bold values indicate an exceedance of the COGCC soil standards for the Site.

µg/L= Micrograms per liter.

LNAPL - Light non-aqueous phase liquid. Well not sampled. LNAPL thickness in feet indicated in paranthesis.

FIGURES

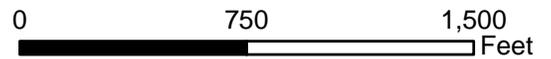
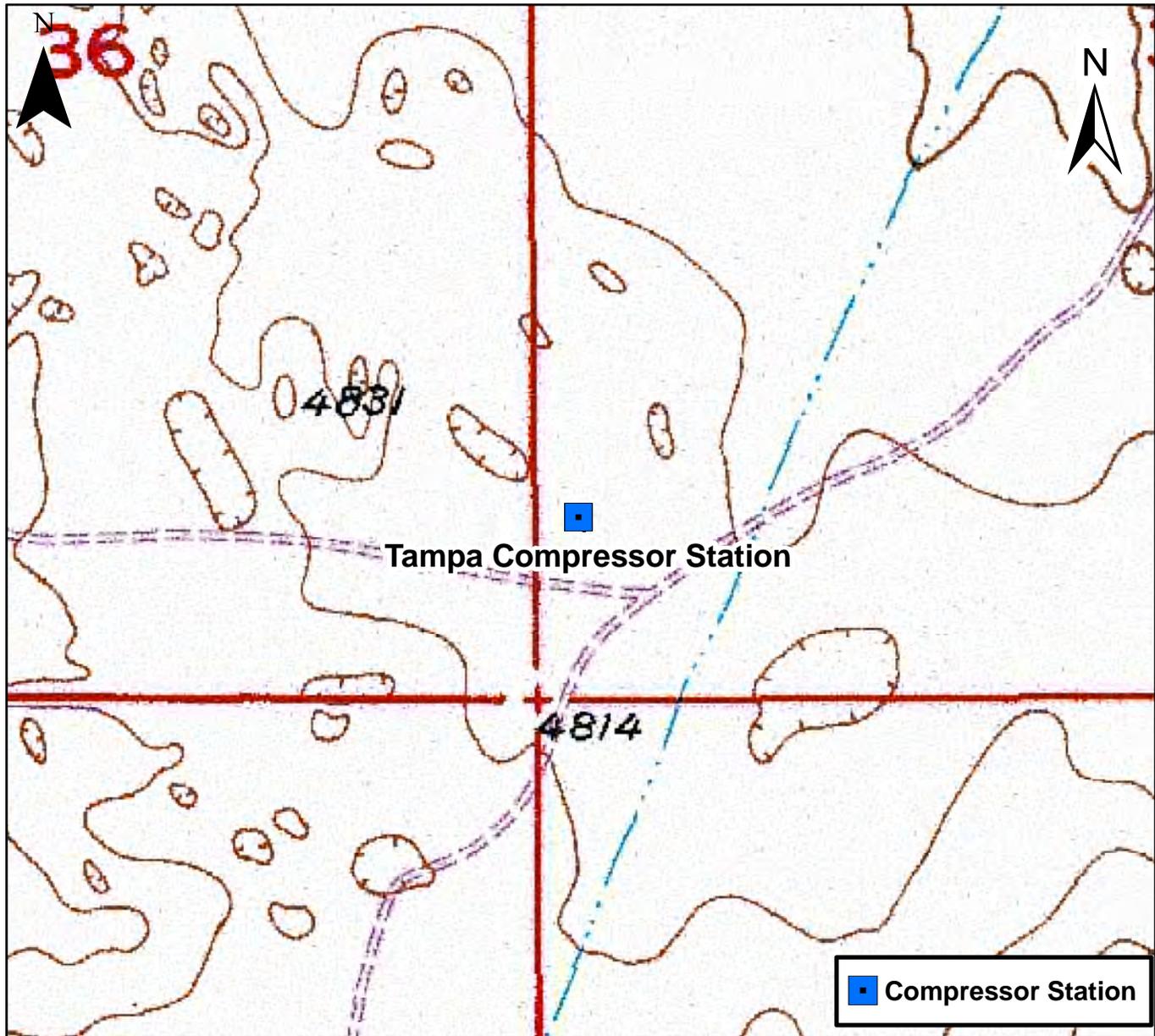
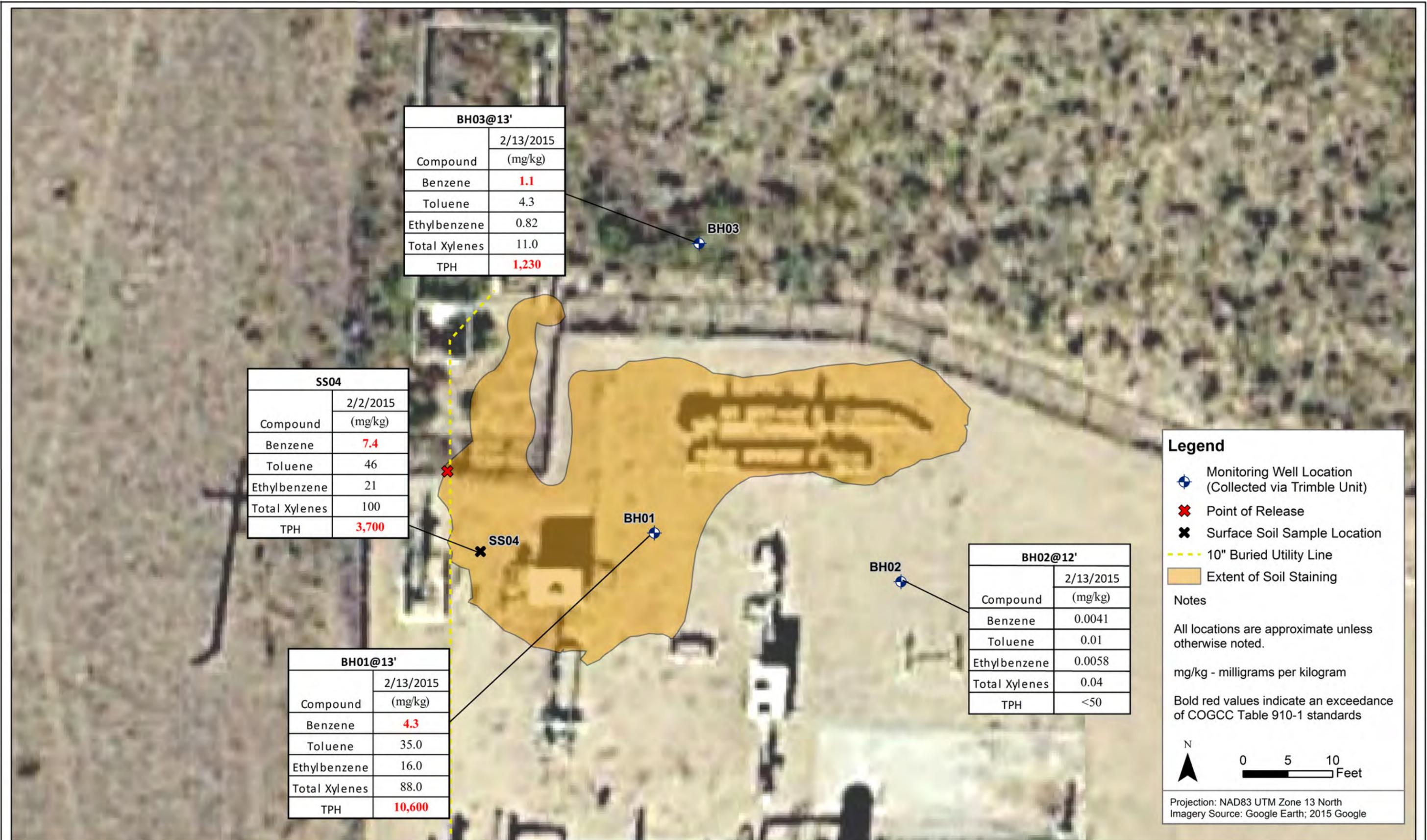


Figure 1

Site Location Map
 Tampa Compressor Station
 SWSW S31 T3N R63W
 Weld County, Colorado





DATE: October 2015
DESIGNED BY: B. Humphrey
DRAWN BY: D. Arnold



**DCP Midstream
Tampa Compressor Station**
SWSW Section 31, Township 3 North, Range 63 West
Weld County, Colorado

Well Location and Soil Sample
Analytical Results
Map

Figure
2



DATE: October 2015

DESIGNED BY: B. Humphrey

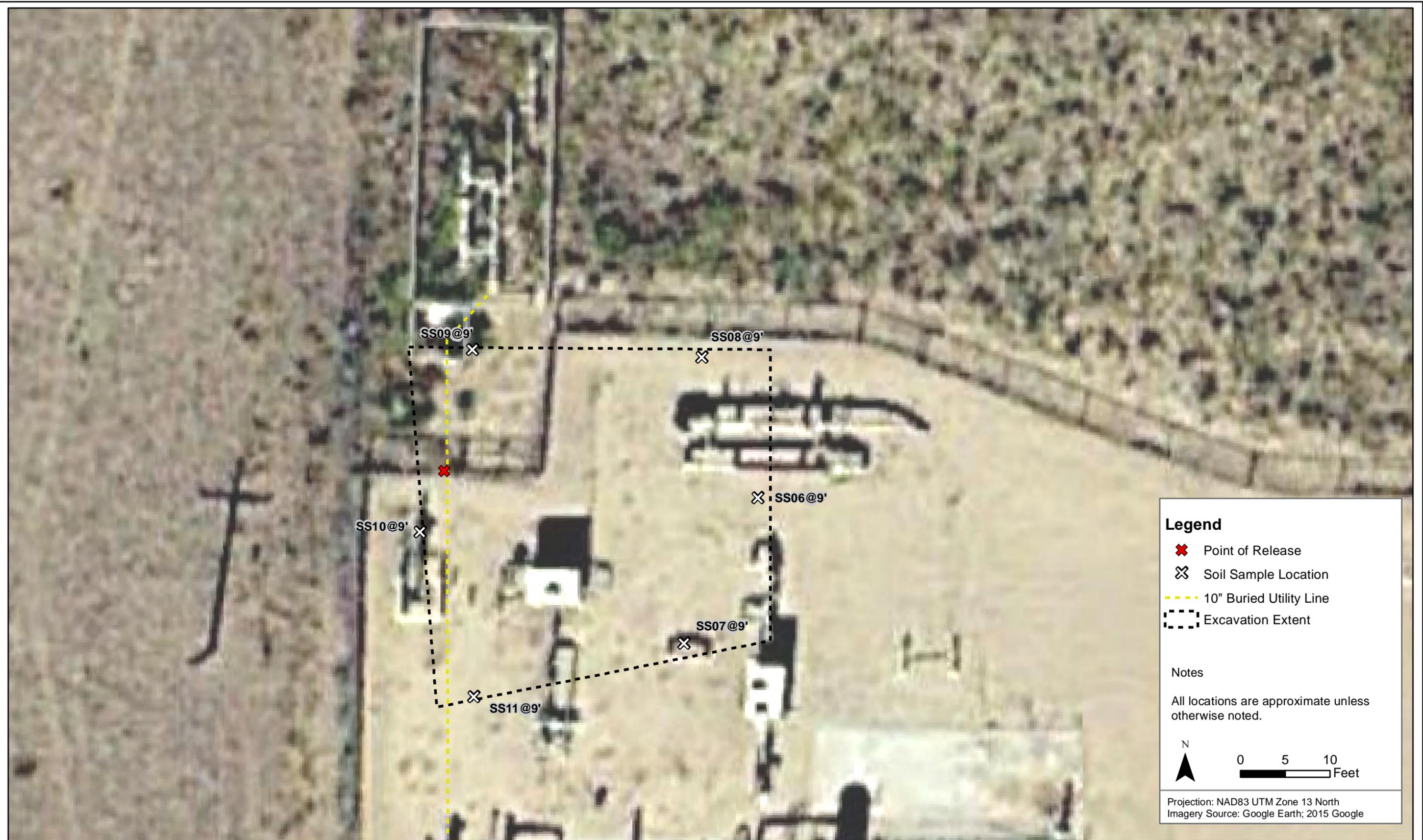
DRAWN BY: D. Arnold



DCP Midstream
Tampa Compressor Station
SWSW Section 31, Township 3 North, Range 63 West
Weld County, Colorado

Groundwater Elevation Contour
and Groundwater Analytical
Results Map

Figure
3



DATE:	October 2015
DESIGNED BY:	B. Humphrey
DRAWN BY:	D. Arnold



**DCP Midstream
Tampa Compressor Station**
SWSW Section 31, Township 3 North, Range 63 West
Weld County, Colorado

Excavation and Soil Sample
Location
Map

Figure
4



DATE:	October 2015
DESIGNED BY:	B. Humphrey
DRAWN BY:	D. Arnold



Tasman Geosciences Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

**DCP Midstream
Tampa Compressor Station**
SWSW Section 31, Township 3 North, Range 63 West
Weld County, Colorado

Proposed Well Location
Map

**Figure
5**

ATTACHMENT A

Summit Scientific

741 Corporate Circle – Suite J ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 06, 2015

Travis Johansen
Tasman Geosciences
6899 Pecos Street
Denver, CO 80221
RE: Tampa Compressor Station

Enclosed are the results of analyses for samples received by Summit Scientific on 02/03/15 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph J Egry IV". The signature is fluid and cursive, with a small "IV" superscripted at the end.

Joseph J Egry IV For Paul Shrewsbury
President

This report shall not be reproduced, except in its entirety, without the written approval of Summit Scientific. Test results relate only to samples analyzed.

Summit Scientific is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS04	1502014-01	Soil	02/02/15 14:56	02/03/15 17:00

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

Summit Scientific 1502014

741 Corporate Circle Suite I • Golden, Colorado 80401
303-277-9310 • 303-374-5933 Fax

Page 1 of 1

Client: Tasman/DCP
Address: 6899 Pecos St. Unit C
City/State/Zip: Denver, CO 80221
Phone: 303-487-1228 Fax:
Sampler Name: B. Humphrey

Project Manager: Travis Johansen
E-Mail: Tjohansen@tasman-geo.com
Project Name: Tampa Compressor station
Project Number:

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative			Matrix			Analyze For:			Special Instructions	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)	8260 BTEX + GRO		8868-CBPEHNT
5504	2/2/15	1456	1			X					X	X		
Relinquished by: <u>B. Humphrey</u>	Date/Time: <u>2/3/15-</u>	Received by: <u>MD</u>	Date/Time: <u>2/3/15 1700</u>	Turn Around Time (Check)			Notes:							
Relinquished by:	Date/Time:	Received by:	Date/Time:	Same Day	72 Hours	Standard	Please CC. <u>bhumphrey@tasman-geo.com</u>							
				24 Hours										
				48 Hours										
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:										
				Temperature Upon Receipt: <u>4.8°C</u>										
				Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										

www.s2scientific.com

Soil samples reported on a wet-weight basis unless otherwise indicated on results page.

Summit Scientific

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

Joseph J Egly IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

Sample Receipt Checklist

S2 Work Order: 1502014

Client: Tasman Client Project ID: Tampa Compressor Station

Shipped Via: Pick Up (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #:

Matrix (check all that apply): Air Soil/Solid Water Other: (Describe)

Cooler ID	<u>1</u>			
Temp (°C)	<u>4.8</u>			

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature just above 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
NOTE: If samples are delivered the same day of sampling, this requirement is waived provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, etc.				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

Joseph J Egr IV
Custodian Printed Name

Paul Shrewsbury
Signature or Initials of Custodian

2/4/15
Date/Time

Soil samples reported on a wet-weight basis unless otherwise indicated on results page.

Summit Scientific

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

Joseph J Egr IV

Joseph J Egr IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

SS04
1502014-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/02/15 14:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	1700	50	mg/kg	1	1502035	02/04/15	02/04/15 21:11	8015M	

Date Sampled: **02/02/15 14:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>	<i>123 %</i>	<i>30-150</i>			"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/02/15 14:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	7.4	0.20	mg/kg	100	1502037	02/04/15	02/04/15 16:50	EPA 8260B	
Toluene	46	0.50	"	"	"	"	"	"	
Ethylbenzene	21	0.50	"	"	"	"	"	"	
Xylenes (total)	100	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	2000	50	"	"	"	"	"	"	

Date Sampled: **02/02/15 14:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>104 %</i>	<i>23-173</i>			"	"	"	"	
<i>Surrogate: Toluene-d8</i>	<i>118 %</i>	<i>20-170</i>			"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>124 %</i>	<i>21-167</i>			"	"	"	"	

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station
Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1502035 - EPA 3550A

Blank (1502035-BLK1)

Prepared & Analyzed: 02/04/15

C10-C28 (DRO)	ND	50	mg/kg							
Surrogate: <i>o</i> -Terphenyl	11.8		"	12.2		96.7	30-150			

LCS (1502035-BS1)

Prepared & Analyzed: 02/04/15

C10-C28 (DRO)	529	50	mg/kg	501		106	73-134			
Surrogate: <i>o</i> -Terphenyl	12.1		"	12.2		98.9	30-150			

Matrix Spike (1502035-MS1)

Source: 1502013-01

Prepared & Analyzed: 02/04/15

C10-C28 (DRO)	559	50	mg/kg	501	ND	111	50-148			
Surrogate: <i>o</i> -Terphenyl	12.0		"	12.2		98.7	30-150			

Matrix Spike Dup (1502035-MSD1)

Source: 1502013-01

Prepared & Analyzed: 02/04/15

C10-C28 (DRO)	557	50	mg/kg	501	ND	111	50-148	0.226	13	
Surrogate: <i>o</i> -Terphenyl	12.0		"	12.2		98.2	30-150			

Summit Scientific

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Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD		

Batch 1502037 - EPA 5030 Soil MS

Blank (1502037-BLK1)

Prepared & Analyzed: 02/04/15

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0441		"	0.0396	111	23-173				
Surrogate: Toluene-d8	0.0388		"	0.0400	97.1	20-170				
Surrogate: 4-Bromofluorobenzene	0.0386		"	0.0400	96.6	21-167				

LCS (1502037-BS1)

Prepared & Analyzed: 02/04/15

Benzene	0.0860	0.0020	mg/kg	0.100	86.0	58-130				
Toluene	0.0887	0.0050	"	0.100	88.7	61-134				
Ethylbenzene	0.0967	0.0050	"	0.0992	97.5	74-139				
m,p-Xylene	0.181	0.010	"	0.200	90.9	73-137				
o-Xylene	0.0937	0.0050	"	0.0984	95.2	73-141				
Surrogate: 1,2-Dichloroethane-d4	0.0427		"	0.0396	108	23-173				
Surrogate: Toluene-d8	0.0392		"	0.0400	98.0	20-170				
Surrogate: 4-Bromofluorobenzene	0.0378		"	0.0400	94.5	21-167				

Matrix Spike (1502037-MS1)

Source: 1502014-01

Prepared & Analyzed: 02/04/15

Benzene	107	2.0	mg/kg	100	7.36	99.5	30-131			
Toluene	194	5.0	"	100	46.5	147	30-134			QM-07
Ethylbenzene	146	5.0	"	99.2	20.6	126	22-153			
m,p-Xylene	352	10	"	200	69.2	142	10-159			
o-Xylene	184	5.0	"	98.4	34.0	152	31-151			QM-07
Surrogate: 1,2-Dichloroethane-d4	41.7		"	39.6	105	23-173				
Surrogate: Toluene-d8	40.4		"	40.0	101	20-170				
Surrogate: 4-Bromofluorobenzene	41.1		"	40.0	103	21-167				

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station
Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1502037 - EPA 5030 Soil MS

Matrix Spike Dup (1502037-MSD1)	Source: 1502014-01			Prepared & Analyzed: 02/04/15						
Benzene	107	2.0	mg/kg	100	7.36	99.3	30-131	0.225	34	
Toluene	185	5.0	"	100	46.5	139	30-134	4.51	30	QM-07
Ethylbenzene	140	5.0	"	99.2	20.6	120	22-153	4.24	24	
m,p-Xylene	325	10	"	200	69.2	128	10-159	8.07	68	
o-Xylene	161	5.0	"	98.4	34.0	129	31-151	13.2	38	
Surrogate: 1,2-Dichloroethane-d4	41.2		"	39.6		104	23-173			
Surrogate: Toluene-d8	41.1		"	40.0		103	20-170			
Surrogate: 4-Bromofluorobenzene	40.2		"	40.0		100	21-167			

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station
Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/06/15 15:52

Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Summit Scientific

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

Joseph J Egly IV For Paul Shrewsbury, President

Summit Scientific

741 Corporate Circle – Suite J ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 16, 2015

Travis Johansen
Tasman Geosciences
6899 Pecos Street
Denver, CO 80221
RE: DCP-Tampa Compressor Station

Enclosed are the results of analyses for samples received by Summit Scientific on 02/13/15 15:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph J. Egry IV". The signature is fluid and cursive, with a small "IV" superscripted at the end.

Joseph J Egry IV For Paul Shrewsbury
President

This report shall not be reproduced, except in its entirety, without the written approval of Summit Scientific. Test results relate only to samples analyzed.

Summit Scientific is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH01@13'	1502099-01	Soil	02/13/15 11:00	02/13/15 15:30
BH02@12'	1502099-02	Soil	02/13/15 11:45	02/13/15 15:30
BH03@13'	1502099-03	Soil	02/13/15 12:15	02/13/15 15:30

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

Summit Scientific 1502099

741 Corporate Circle Suite I • Golden, Colorado 80401
303-277-9310 • 303-374-5933 Fax

Client: Tasman Geo/DCP Page 1 of 1
Address: 6899 Pecos St Unit C
City/State/Zip: Denver, CO 80221
Phone: 3034871298 Fax: _____
Sampler Name: Jason Spector
Project Manager: Travis Johansen
E-Mail: tjohansen@tasman-geo.com
Project Name: DCP - Tampa Compressor Station
Project Number: _____

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative				Matrix			Analyze For:				Special Instructions	
				HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air - Canister Serial #	Other (Specify)					
BH01@13'	2/13/15	11:00	1													
BH02@12'	↓	11:45	1			X		X								cc: Brian J
BH03@13'	↓	12:15	1			X		X								
Relinquished by:	Date/Time:	Received by:	Date/Time:	Turn Around Time (Check)				Notes:								
<u>Jason Spector</u>	<u>2/13/15 15:30</u>	<u>[Signature]</u>	<u>2/13/15 17</u>	Same Day	<input type="checkbox"/>	72 Hours	<input type="checkbox"/>	cc: Brian Humphrey in email								
				24 Hours	<input type="checkbox"/>	Standard	<input type="checkbox"/>									
				48 Hours	<input checked="" type="checkbox"/>											
Relinquished by:	Date/Time:	Received in Lab by:	Date/Time:	Sample Integrity:												
				Temperature Upon Receipt:	<u>4.5°C</u>											
				Intact:	Yes	No										
				<input type="checkbox"/>	<input type="checkbox"/>											

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Soil samples reported on a wet-weight basis unless otherwise indicated on results page.

Summit Scientific

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

Joseph J Egly IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

BH01@13'
1502099-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/15 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	5800	50	mg/kg	1	1502161	02/13/15	02/14/15 01:34	8015M	

Date Sampled: **02/13/15 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl	243 %	30-150			"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/15 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	4.3	0.20	mg/kg	100	1502160	02/13/15	02/14/15 00:05	EPA 8260B	
Toluene	35	0.50	"	"	"	"	"	"	
Ethylbenzene	16	0.50	"	"	"	"	"	"	
Xylenes (total)	88	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	4800	50	"	"	"	"	"	"	

Date Sampled: **02/13/15 11:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	126 %	23-173			"	"	"	"	
Surrogate: Toluene-d8	118 %	20-170			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	125 %	21-167			"	"	"	"	

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

BH02@12'
1502099-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **02/13/15 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1502161	02/13/15	02/14/15 02:01	8015M	

Date Sampled: **02/13/15 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: <i>o</i> -Terphenyl	105 %	30-150			"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/13/15 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.0041	0.0020	mg/kg	1	1502160	02/13/15	02/13/15 22:53	EPA 8260B	
Toluene	0.010	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0058	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.040	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	5.0	0.50	"	"	"	"	"	"	

Date Sampled: **02/13/15 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	123 %	23-173			"	"	"	"	
Surrogate: Toluene-d8	104 %	20-170			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	111 %	21-167			"	"	"	"	

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

BH03@13'
1502099-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 02/13/15 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	680	50	mg/kg	1	1502161	02/13/15	02/14/15 02:29	8015M	

Date Sampled: 02/13/15 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	119 %	30-150			"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 02/13/15 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	1.1	0.020	mg/kg	10	1502160	02/13/15	02/13/15 23:41	EPA 8260B	
Toluene	4.3	0.050	"	"	"	"	"	"	
Ethylbenzene	0.82	0.050	"	"	"	"	"	"	
Xylenes (total)	11	0.050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	550	5.0	"	"	"	"	"	"	

Date Sampled: 02/13/15 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	117 %	23-173			"	"	"	"	
Surrogate: Toluene-d8	118 %	20-170			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	116 %	21-167			"	"	"	"	

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1502161 - EPA 3550A

Blank (1502161-BLK1)

Prepared & Analyzed: 02/13/15

C10-C28 (DRO)	62.9	50	mg/kg							
Surrogate: <i>o</i> -Terphenyl	12.7		"	12.2		104	30-150			

LCS (1502161-BS1)

Prepared & Analyzed: 02/13/15

C10-C28 (DRO)	433	50	mg/kg	501		86.4	73-134			
Surrogate: <i>o</i> -Terphenyl	12.4		"	12.2		102	30-150			

Matrix Spike (1502161-MS1)

Source: 1502097-01

Prepared & Analyzed: 02/13/15

C10-C28 (DRO)	402	50	mg/kg	469	ND	85.7	50-148			
Surrogate: <i>o</i> -Terphenyl	11.7		"	11.4		102	30-150			

Matrix Spike Dup (1502161-MSD1)

Source: 1502097-01

Prepared & Analyzed: 02/13/15

C10-C28 (DRO)	429	50	mg/kg	483	ND	88.8	50-148	6.39	13	
Surrogate: <i>o</i> -Terphenyl	12.9		"	11.8		110	30-150			

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD		

Batch 1502160 - EPA 5030 Soil MS

Blank (1502160-BLK1)

Prepared & Analyzed: 02/13/15

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0486		"	0.0396		123	23-173			
Surrogate: Toluene-d8	0.0403		"	0.0400		101	20-170			
Surrogate: 4-Bromofluorobenzene	0.0441		"	0.0400		110	21-167			

LCS (1502160-BS1)

Prepared & Analyzed: 02/13/15

Benzene	0.0964	0.0020	mg/kg	0.100		96.4	58-130			
Toluene	0.101	0.0050	"	0.100		101	61-134			
Ethylbenzene	0.0852	0.0050	"	0.0992		85.9	74-139			
m,p-Xylene	0.173	0.010	"	0.200		86.4	73-137			
o-Xylene	0.0923	0.0050	"	0.0984		93.8	73-141			
Surrogate: 1,2-Dichloroethane-d4	0.0490		"	0.0396		124	23-173			
Surrogate: Toluene-d8	0.0421		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0401		"	0.0400		100	21-167			

Matrix Spike (1502160-MS1)

Source: 1502097-02

Prepared & Analyzed: 02/13/15

Benzene	0.101	0.0020	mg/kg	0.0994	ND	102	30-131			
Toluene	0.104	0.0050	"	0.0994	ND	105	30-134			
Ethylbenzene	0.0865	0.0050	"	0.0986	ND	87.7	22-153			
m,p-Xylene	0.175	0.010	"	0.198	ND	88.2	10-159			
o-Xylene	0.0947	0.0050	"	0.0978	ND	96.8	31-151			
Surrogate: 1,2-Dichloroethane-d4	0.0514		"	0.0394		130	23-173			
Surrogate: Toluene-d8	0.0413		"	0.0398		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0418		"	0.0398		105	21-167			

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1502160 - EPA 5030 Soil MS

Matrix Spike Dup (1502160-MSD1)	Source: 1502097-02			Prepared & Analyzed: 02/13/15						
Benzene	0.0948	0.0020	mg/kg	0.0935	ND	101	30-131	6.28	34	
Toluene	0.0975	0.0050	"	0.0935	ND	104	30-134	6.37	30	
Ethylbenzene	0.0788	0.0050	"	0.0927	ND	85.0	22-153	9.21	24	
m,p-Xylene	0.160	0.010	"	0.187	ND	85.5	10-159	9.24	68	
o-Xylene	0.0843	0.0050	"	0.0920	ND	91.7	31-151	11.6	38	
Surrogate: 1,2-Dichloroethane-d4	0.0484		"	0.0370		131	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0374		104	20-170			
Surrogate: 4-Bromofluorobenzene	0.0394		"	0.0374		105	21-167			

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: DCP-Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/16/15 15:36

Notes and Definitions

S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Summit Scientific

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

Joseph J Egry IV For Paul Shrewsbury, President

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

May 21, 2015

Brian Humphrey
DCP Midstream
370 17th Street #2500
Denver, CO 80202
RE: Tampa Compressor Station

Enclosed are the results of analyses for samples received by Summit Scientific on 05/20/15 17:12. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Ben Shrewsbury', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury For Paul Shrewsbury
President



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS06@9'	1505174-01	Soil	05/20/15 11:30	05/20/15 17:12
SS07@9'	1505174-02	Soil	05/20/15 12:15	05/20/15 17:12
SS08@9'	1505174-03	Soil	05/20/15 13:15	05/20/15 17:12

Summit Scientific

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



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

Summit Scientific 1505174

S₂

741 Corporate Circle, Suite J&K • Golden, Colorado 80401
303-277-9310 • 303-374-5933

Page 1 of 1

Client: DCP Midstream Project Manager: Brian Humphrey
Address: _____ E-Mail: bhumphrey@tasman-geo.com / sweathers@dcpmidstream.com
City/State/Zip: _____
Phone: _____ Fax: _____ Project Name: Tampa Compressor Station
Sampler Name: Paul Downey Project Number: _____

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested				Special Instructions	
					HCl	HNO3	None	Other (Specify)	Groundwater	Soil	Air-Canister #	Other (Specify)	BTX P0	BTX P1	BTX P2	BTX P3		
1	SS06@9'	5/20/15	11:30	1			X			X					X	X		
2	SS07@9'		12:15	1			X			X					X	X		
3	SS08@9'	X	13:15	1			X			X					X	X		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

Relinquished by: <u>Paul Downey</u> Date/Time: <u>5/20/15</u>	Received by: <u>M. Downey</u> Date/Time: <u>5/20/15 1700</u>	Turn Around Time (Check) Same Day <input checked="" type="checkbox"/> 72 hours 24 hours <input type="checkbox"/> Standard 48 hours <input type="checkbox"/>	Notes: <u>on ice</u>
Relinquished by: <u>MD</u> Date/Time: <u>5/20/15 1712</u>	Received by: <u>MD</u> Date/Time: <u>5/20/15 1712</u>	Sample Integrity: Temperature Upon Receipt: <u>6.3°C</u>	
Relinquished by: _____ Date/Time: _____	Received by: _____ Date/Time: _____	Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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Summit Scientific

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



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

SS06@9'
1505174-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 05/20/15 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1505175	05/20/15	05/20/15	8015M	

Date Sampled: 05/20/15 11:30

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 05/20/15 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1505174	05/20/15	05/20/15	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: 05/20/15 11:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		116 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.2 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	21-167		"	"	"	"	

Summit Scientific

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



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

SS07@9'
1505174-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 05/20/15 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1505175	05/20/15	05/20/15	8015M	

Date Sampled: 05/20/15 12:15

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 05/20/15 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1505174	05/20/15	05/20/15	EPA 8260B	
Toluene	0.0065	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.016	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.63	0.50	"	"	"	"	"	"	

Date Sampled: 05/20/15 12:15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		96.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	21-167		"	"	"	"	

Summit Scientific

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



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

SS08@9'
1505174-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/20/15 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1505175	05/20/15	05/20/15	8015M	

Date Sampled: **05/20/15 13:15**

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/20/15 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	1505174	05/20/15	05/20/15	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0069	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.063	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	8.7	0.50	"	"	"	"	"	"	

Date Sampled: **05/20/15 13:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		98.0 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.4 %	21-167		"	"	"	"	

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch 1505175 - EPA 3550A

Blank (1505175-BLK1)				Prepared & Analyzed: 05/20/15							
C10-C28 (DRO)	ND	50	mg/kg								
Surrogate: <i>o</i> -Terphenyl	13.3		"	12.2		109	30-150				
LCS (1505175-BS1)				Prepared & Analyzed: 05/20/15							
C10-C28 (DRO)	468	50	mg/kg	501		93.4	73-134				
Surrogate: <i>o</i> -Terphenyl	12.5		"	12.2		102	30-150				
Matrix Spike (1505175-MS1)				Source: 1505174-01		Prepared & Analyzed: 05/20/15					
C10-C28 (DRO)	492	50	mg/kg	501	29.8	92.3	50-148				
Surrogate: <i>o</i> -Terphenyl	12.6		"	12.2		103	30-150				
Matrix Spike Dup (1505175-MSD1)				Source: 1505174-01		Prepared & Analyzed: 05/20/15					
C10-C28 (DRO)	485	50	mg/kg	501	29.8	90.8	50-148	1.55		13	
Surrogate: <i>o</i> -Terphenyl	12.5		"	12.2		102	30-150				

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1505174 - EPA 5030 Soil MS

Blank (1505174-BLK1)

Prepared & Analyzed: 05/20/15

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0439</i>		<i>"</i>	<i>0.0396</i>		<i>111</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0382</i>		<i>"</i>	<i>0.0400</i>		<i>95.4</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0396</i>		<i>"</i>	<i>0.0400</i>		<i>99.0</i>	<i>21-167</i>			

LCS (1505174-BS1)

Prepared & Analyzed: 05/20/15

Benzene	0.0774	0.0020	mg/kg	0.100		77.4	58-130			
Toluene	0.0736	0.0050	"	0.100		73.6	61-134			
Ethylbenzene	0.0867	0.0050	"	0.0992		87.4	74-139			
m,p-Xylene	0.169	0.010	"	0.200		84.6	73-137			
o-Xylene	0.0878	0.0050	"	0.0984		89.3	73-141			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0437</i>		<i>"</i>	<i>0.0396</i>		<i>110</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0399</i>		<i>"</i>	<i>0.0400</i>		<i>99.8</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0388</i>		<i>"</i>	<i>0.0400</i>		<i>96.9</i>	<i>21-167</i>			

Matrix Spike (1505174-MS1)

Source: 1505174-01

Prepared & Analyzed: 05/20/15

Benzene	0.0802	0.0020	mg/kg	0.100	ND	80.2	30-131			
Toluene	0.0758	0.0050	"	0.100	ND	75.8	30-134			
Ethylbenzene	0.0901	0.0050	"	0.0992	ND	90.8	22-153			
m,p-Xylene	0.175	0.010	"	0.200	ND	87.8	10-159			
o-Xylene	0.0929	0.0050	"	0.0984	ND	94.4	31-151			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0451</i>		<i>"</i>	<i>0.0396</i>		<i>114</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0395</i>		<i>"</i>	<i>0.0400</i>		<i>98.7</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0388</i>		<i>"</i>	<i>0.0400</i>		<i>97.0</i>	<i>21-167</i>			

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting		Spike Level	Source Result	%REC		RPD		Notes
	Result	Limit			Units	%REC	Limits	RPD	

Batch 1505174 - EPA 5030 Soil MS

Matrix Spike Dup (1505174-MSD1)	Source: 1505174-01			Prepared & Analyzed: 05/20/15						
Benzene	0.0796	0.0020	mg/kg	0.100	ND	79.6	30-131	0.788	34	
Toluene	0.0758	0.0050	"	0.100	ND	75.8	30-134	0.0396	30	
Ethylbenzene	0.0922	0.0050	"	0.0992	ND	93.0	22-153	2.37	24	
m,p-Xylene	0.180	0.010	"	0.200	ND	90.3	10-159	2.72	68	
o-Xylene	0.0947	0.0050	"	0.0984	ND	96.2	31-151	1.95	38	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0450</i>		<i>"</i>	<i>0.0396</i>		<i>114</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0390</i>		<i>"</i>	<i>0.0400</i>		<i>97.5</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0395</i>		<i>"</i>	<i>0.0400</i>		<i>98.8</i>	<i>21-167</i>			

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/21/15 00:31

Notes and Definitions

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

Summit Scientific

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

May 27, 2015

Brian Humphrey
DCP Midstream
370 17th Street #2500
Denver, CO 80202
RE: Tampa Compressor Station

Enclosed are the results of analyses for samples received by Summit Scientific on 05/21/15 18:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Ben Shrewsbury', with a long, sweeping horizontal line extending to the right.

Ben Shrewsbury For Paul Shrewsbury
President



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS09@9'	1505181-01	Soil	05/21/15 00:00	05/21/15 18:00
SS10@9'	1505181-02	Soil	05/21/15 00:00	05/21/15 18:00
SS11@9'	1505181-03	Soil	05/21/15 00:00	05/21/15 18:00

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

Summit Scientific 1505181

S₂

741 Corporate Circle, Suite J&K ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933

Page 1 of 1

Client: DCP Midstream Project Manager: Brian Humphrey
Address: _____ E-Mail: bhumphry@taman-geo.com / sweathers@dcpmidstream.com
City/State/Zip: _____
Phone: _____ Fax: _____ Project Name: Tampa Compressor Station
Sampler Name: Paul Downey Project Number: _____

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested				Special Instructions
					HCl	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air-Canister #	Other (Specify)	3040	6 BT EX	8015	
1	SS09 @ 9'	5/21/15		1			X			X			X	X		standard turn
2	SS10 @ 9'			1			X			X			X	X		standard turn
3	SS11 @ 9'			1			X			X			X	X		same day
4																
5																
6																
7																
8																
9																
10																
Relinquished by: <u>[Signature]</u>		Date/Time: <u>5/21/15 17:09</u>		Received by: <u>[Signature]</u>		Date/Time: <u>5/21/15 17:09</u>		Turn Around Time (Check)				Notes:				
Relinquished by: <u>aw</u>		Date/Time: <u>1800</u>		Received by: _____		Date/Time: _____		Same Day _____ 72 hours _____ 24 hours _____ Standard _____ 48 hours _____				From field				
Relinquished by: _____		Date/Time: _____		Received by: _____		Date/Time: _____		Sample Integrity: Temperature Upon Receipt: <u>2.7</u> Intact: Yes No								

www.s2scientific.com

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

SS09@9'
1505181-01 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 05/21/15 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	4000	50	mg/kg	1	1505190	05/21/15	05/21/15	8015M	

Date Sampled: 05/21/15 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl		442 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 05/21/15 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	21	0.20	mg/kg	100	1505189	05/21/15	05/21/15	EPA 8260B	
Toluene	86	0.50	"	"	"	"	"	"	
Ethylbenzene	22	0.50	"	"	"	"	"	"	
Xylenes (total)	180	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	810	50	"	"	"	"	"	"	

Date Sampled: 05/21/15 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		96.0 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		142 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		128 %	21-167		"	"	"	"	

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

SS10@9'
1505181-02 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **05/21/15 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	2700	50	mg/kg	1	1505190	05/21/15	05/21/15	8015M	

Date Sampled: **05/21/15 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: o-Terphenyl</i>		262 %	30-150		"	"	"	"	S-02

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/21/15 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	4.4	0.20	mg/kg	100	1505189	05/21/15	05/21/15	EPA 8260B	
Toluene	37	0.50	"	"	"	"	"	"	
Ethylbenzene	16	0.50	"	"	"	"	"	"	
Xylenes (total)	80	0.50	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	3300	50	"	"	"	"	"	"	

Date Sampled: **05/21/15 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<i>Surrogate: 1,2-Dichloroethane-d4</i>		115 %	23-173		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		116 %	20-170		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		114 %	21-167		"	"	"	"	

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

SS11@9'
1505181-03 (Soil)

Summit Scientific

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: 05/21/15 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	1505190	05/21/15	05/21/15	8015M	

Date Sampled: 05/21/15 00:00

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

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: 05/21/15 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	0.096	0.0020	mg/kg	1	1505189	05/21/15	05/21/15	EPA 8260B	
Toluene	0.27	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.070	0.0050	"	"	"	"	"	"	
Xylenes (total)	1.4	0.0050	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	14	0.50	"	"	"	"	"	"	

Date Sampled: 05/21/15 00:00

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		106 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		116 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		118 %	21-167		"	"	"	"	

Summit Scientific

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



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Reporting			Spike Level	Source		%REC		RPD		Notes
	Result	Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch 1505190 - EPA 3550A

Blank (1505190-BLK1)				Prepared & Analyzed: 05/21/15							
C10-C28 (DRO)	ND	50	mg/kg								
<i>Surrogate: o-Terphenyl</i>	13.0		"	12.2		107	30-150				
LCS (1505190-BS1)				Prepared & Analyzed: 05/21/15							
C10-C28 (DRO)	475	50	mg/kg	501	94.8	73-134					
<i>Surrogate: o-Terphenyl</i>	12.9		"	12.2		106	30-150				
Matrix Spike (1505190-MS1)				Source: 1505181-03		Prepared & Analyzed: 05/21/15					
C10-C28 (DRO)	588	50	mg/kg	501	33.6	111	50-148				
<i>Surrogate: o-Terphenyl</i>	13.9		"	12.2		114	30-150				
Matrix Spike Dup (1505190-MSD1)				Source: 1505181-03		Prepared & Analyzed: 05/21/15					
C10-C28 (DRO)	601	50	mg/kg	501	33.6	113	50-148	2.07		13	
<i>Surrogate: o-Terphenyl</i>	13.8		"	12.2		113	30-150				

Summit Scientific

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



DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1505189 - EPA 5030 Soil MS

Blank (1505189-BLK1)

Prepared & Analyzed: 05/21/15

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0453</i>		"	<i>0.0396</i>		<i>114</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0384</i>		"	<i>0.0400</i>		<i>96.0</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0396</i>		"	<i>0.0400</i>		<i>99.0</i>	<i>21-167</i>			

LCS (1505189-BS1)

Prepared & Analyzed: 05/21/15

Benzene	0.0801	0.0020	mg/kg	0.100		80.1	58-130			
Toluene	0.0775	0.0050	"	0.100		77.5	61-134			
Ethylbenzene	0.0892	0.0050	"	0.0992		89.9	74-139			
m,p-Xylene	0.175	0.010	"	0.200		87.5	73-137			
o-Xylene	0.0914	0.0050	"	0.0984		92.9	73-141			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0455</i>		"	<i>0.0396</i>		<i>115</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0402</i>		"	<i>0.0400</i>		<i>100</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0391</i>		"	<i>0.0400</i>		<i>97.8</i>	<i>21-167</i>			

Matrix Spike (1505189-MS1)

Source: 1505181-03

Prepared & Analyzed: 05/21/15

Benzene	0.0976	0.0020	mg/kg	0.100	0.0956	2.04	30-131			QM-4X
Toluene	0.123	0.0050	"	0.100	0.267	NR	30-134			QM-4X
Ethylbenzene	0.101	0.0050	"	0.0992	0.0701	30.9	22-153			
m,p-Xylene	0.348	0.010	"	0.200	0.822	NR	10-159			QM-4X
o-Xylene	0.223	0.0050	"	0.0984	0.569	NR	31-151			QM-4X
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0460</i>		"	<i>0.0396</i>		<i>116</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0422</i>		"	<i>0.0400</i>		<i>105</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0389</i>		"	<i>0.0400</i>		<i>97.4</i>	<i>21-167</i>			

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1505189 - EPA 5030 Soil MS

Matrix Spike Dup (1505189-MSD1)	Source: 1505181-03			Prepared & Analyzed: 05/21/15						
Benzene	0.0983	0.0020	mg/kg	0.100	0.0956	2.76	30-131	0.735	34	QM-4X
Toluene	0.121	0.0050	"	0.100	0.267	NR	30-134	1.70	30	QM-4X
Ethylbenzene	0.102	0.0050	"	0.0992	0.0701	32.0	22-153	1.10	24	
m,p-Xylene	0.344	0.010	"	0.200	0.822	NR	10-159	1.18	68	QM-4X
o-Xylene	0.220	0.0050	"	0.0984	0.569	NR	31-151	1.11	38	QM-4X
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0452</i>		<i>"</i>	<i>0.0396</i>		<i>114</i>	<i>23-173</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0423</i>		<i>"</i>	<i>0.0400</i>		<i>106</i>	<i>20-170</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0398</i>		<i>"</i>	<i>0.0400</i>		<i>99.4</i>	<i>21-167</i>			

Summit Scientific

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DCP Midstream
370 17th Street #2500
Denver CO, 80202

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
05/27/15 16:28

Notes and Definitions

- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Summit Scientific

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

Summit Scientific

741 Corporate Circle – Suite J ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.374.5933 - fax

February 24, 2015

Travis Johansen
Tasman Geosciences
6899 Pecos Street
Denver, CO 80221
RE: Tampa Compressor Station

Enclosed are the results of analyses for samples received by Summit Scientific on 02/19/15 17:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Joseph J. Egry IV". The signature is fluid and cursive, with a small "IV" superscripted at the end.

Joseph J Egry IV For Paul Shrewsbury
President

This report shall not be reproduced, except in its entirety, without the written approval of Summit Scientific. Test results relate only to samples analyzed.

Summit Scientific is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/24/15 15:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH02	1502140-01	Water	02/19/15 14:00	02/19/15 17:00

Summit Scientific

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Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/24/15 15:37

Sample Receipt Checklist

S2 Work Order: 1502140

Client: Tasman Client Project ID: Tampa Compressor Station

Shipped Via: Pick Up (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #:

Matrix (check all that apply): Air Soil/Solid Water Other: (Describe)

Cooler ID	<u>1</u>				
Temp (°C)	<u>-3.0</u>				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature just above 0°C to ≤ 6°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		<u>Unfrozen</u>
NOTE: If samples are delivered the same day of sampling, this requirement is waived provided that there is evidence that cooling has begun.				
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
If custody seals are present, are they intact ⁽¹⁾ ?			<input checked="" type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.		<input checked="" type="checkbox"/>		
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, etc.	<input checked="" type="checkbox"/>			<u>HCl</u>
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? Record the pH in Comments.			<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?			<input checked="" type="checkbox"/>	
Additional Comments (if any):				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Joseph J Egry IV
Custodian Printed Name

[Signature]
Signature of Initials of Custodian

2/20/15
Date/Time

Soil samples reported on a wet-weight basis unless otherwise indicated on results page.

Summit Scientific

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

[Signature]

Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station
Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/24/15 15:37

BH02
1502140-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **02/19/15 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1502235	02/24/15	02/24/15 03:58	EPA 8260B	
Toluene	1.7	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	1.1	1.0	"	"	"	"	"	"	

Date Sampled: **02/19/15 14:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	115 %	37-154				"	"	"	"
Surrogate: Toluene-d8	98.7 %	45-149				"	"	"	"
Surrogate: 4-Bromofluorobenzene	105 %	45-146				"	"	"	"

Summit Scientific

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Joseph J Egrý IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station

Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/24/15 15:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch 1502235 - EPA 5030 Water MS

Blank (1502235-BLK1)

Prepared & Analyzed: 02/23/15

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>14.0</i>		<i>"</i>	<i>13.2</i>		<i>106</i>		<i>37-154</i>		
<i>Surrogate: Toluene-d8</i>	<i>13.4</i>		<i>"</i>	<i>13.3</i>		<i>100</i>		<i>45-149</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>14.0</i>		<i>"</i>	<i>13.3</i>		<i>105</i>		<i>45-146</i>		

LCS (1502235-BS1)

Prepared & Analyzed: 02/24/15

Benzene	26.9	1.0	ug/l	33.3		80.6		51-132		
Toluene	28.5	1.0	"	33.3		85.4		51-138		
Ethylbenzene	29.5	1.0	"	33.1		89.2		58-146		
m,p-Xylene	57.6	2.0	"	66.5		86.6		57-144		
o-Xylene	30.2	1.0	"	32.8		92.1		53-146		
Xylenes (total)	87.8	1.0	"					30-150		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>15.1</i>		<i>"</i>	<i>13.2</i>		<i>114</i>		<i>37-154</i>		
<i>Surrogate: Toluene-d8</i>	<i>13.6</i>		<i>"</i>	<i>13.3</i>		<i>102</i>		<i>45-149</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>13.8</i>		<i>"</i>	<i>13.3</i>		<i>104</i>		<i>45-146</i>		

Matrix Spike (1502235-MS1)

Source: 1502148-08

Prepared & Analyzed: 02/24/15

Benzene	27.1	1.0	ug/l	33.3	ND	81.4		34-141		
Toluene	28.2	1.0	"	33.3	ND	84.5		27-151		
Ethylbenzene	31.5	1.0	"	33.1	2.42	87.8		29-160		
m,p-Xylene	64.8	2.0	"	66.5	9.57	83.0		20-166		
o-Xylene	35.0	1.0	"	32.8	7.16	84.8		33-159		
Xylenes (total)	99.8	1.0	"		16.7			30-150		
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>15.0</i>		<i>"</i>	<i>13.2</i>		<i>113</i>		<i>37-154</i>		
<i>Surrogate: Toluene-d8</i>	<i>13.5</i>		<i>"</i>	<i>13.3</i>		<i>101</i>		<i>45-149</i>		
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>13.8</i>		<i>"</i>	<i>13.3</i>		<i>104</i>		<i>45-146</i>		

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Joseph J Egry IV For Paul Shrewsbury, President



Tasman Geosciences
6899 Pecos Street
Denver CO, 80221

Project: Tampa Compressor Station
Project Number: [none]
Project Manager: Travis Johansen

Reported:
02/24/15 15:37

Notes and Definitions

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

Summit Scientific

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Joseph J Egry IV For Paul Shrewsbury, President