

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

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 Employee:

☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV

Tracking No:

OGCC Operator Number: 4680

Name of Operator: DCP Midstream LP

Address: 370 17th Street

City: Denver State: CO Zip: 80202

Contact Name and Telephone:

Steve Weathers

No: 303-605-1718

Fax:

API Number: _____

County: _____

Facility Name: _____

Facility Number: 440770

Well Name: _____

Well Number: _____

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SWSW S31 T3N R63W Latitude: 40.176595 Longitude: -104.489837

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):

☒ Soils

☐ Vegetation

☒ Groundwater

☐ Surface Water

Extent of Impact:

Refer to Figures 2 & 4 and Table 1

Refer to Attached Figure 3 and Table 2

How Determined:

Soil Sampling

Groundwater Sampling

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: _____

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: <u>2/2/15</u>	Date Site Investigation Completed: <u>On going</u>	Date Remediation Plan Submitted: <u>11/4/15</u>
Remediation Start Date: <u>2/6/15</u>	Anticipated Completion Date: <u>Unknown</u>	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

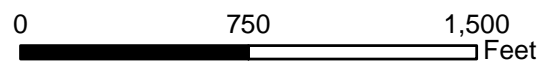
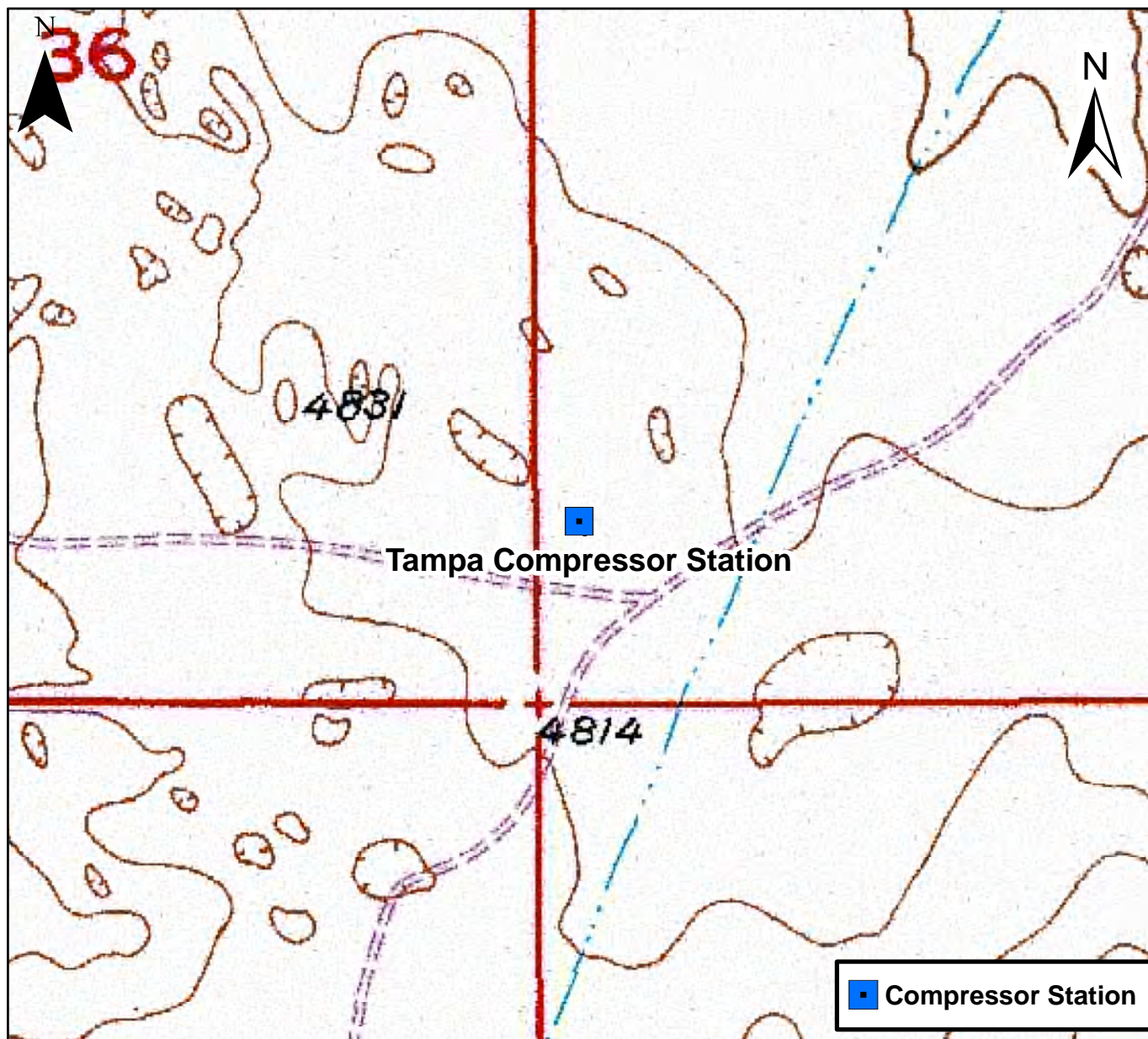
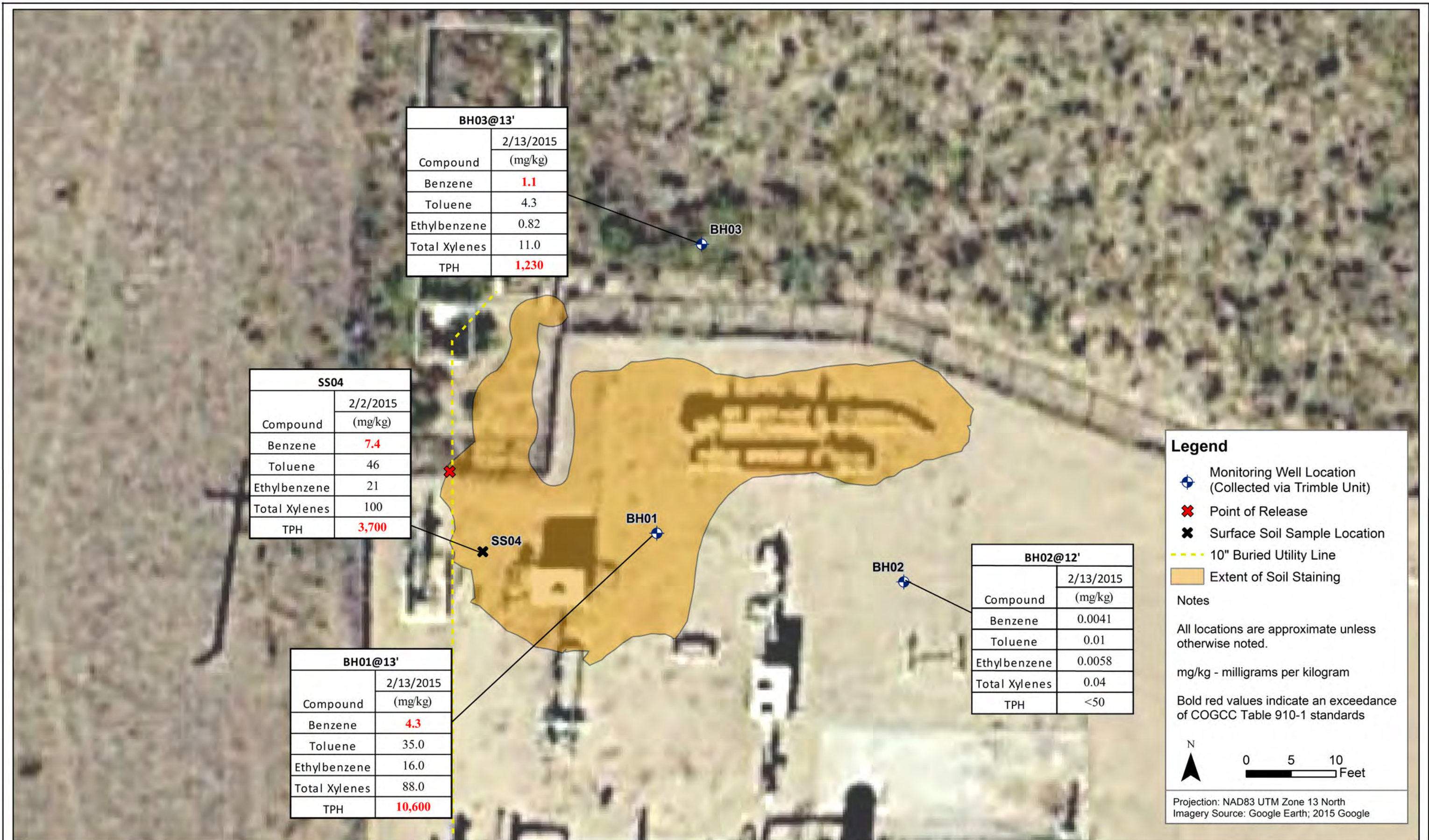


Figure 1

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





DATE:
October 2015

DESIGNED BY:
B. Humphrey

DRAWN BY:
D. Arnold



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

Well Location and Soil Sample
Analytical Results
Map

Figure
2



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



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



**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', with a stylized flourish 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.

A handwritten signature in black ink, appearing to read 'Joseph J Egry IV'.

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

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

Project Manager: ~~David Johnson~~ Travis Johnson
E-Mail: Tjohnsen@busman-geo.com
Project Name: Tampa Compressor station
Project Number:

Page 1 of 1

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	8960B-GATEXN-	8015 DRO												
5504	2/2/15	1456	1			X			X			X		X												
Relinquished by: 	Date/Time: 2/3/15-			Received by: MCD			Date/Time: 2/3/15	1700		Turn Around Time (Check) Same Day <input type="checkbox"/> 72 Hours 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/>														Notes: Please cc. bhumphrey@ tasman-geo.com		
Relinquished by:	Date/Time:			Received by:			Date/Time:																			
Relinquished by:	Date/Time:			Received in Lab by:			Date/Time:			Sample Integrity: Temperature Upon Receipt: 4.8°C Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																

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.

Loyd J. Gray¹⁰

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

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, H ₂ SO ₄ , 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 Egry IV
Custodian Printed Name

Joseph J Egry IV
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 Egry IV

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

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
Surrogate: o-Terphenyl	123 %	30-150			"	"	"	"	

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
Surrogate: 1,2-Dichloroethane-d4	104 %	23-173			"	"	"	"	
Surrogate: Toluene-d8	118 %	20-170			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	124 %	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

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

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

Batch 1502035 - EPA 3550A

Blank (1502035-BLK1)

Prepared & Analyzed: 02/04/15

C10-C28 (DRO)	ND	50	mg/kg							
Surrogate: o-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: o-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: o-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: o-Terphenyl	12.0		"	12.2		98.2	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: 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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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	QM-07
Toluene	185	5.0	"	100	46.5	139	30-134	4.51	30	
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.

A handwritten signature in black ink, appearing to read 'Joseph J Egry IV'.

Joseph J Egry 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
Address: 6999 Pecos St Unit C
City/State/Zip: Denver, CO 80221
Phone: 303 437 1224 Fax: _____
Sampler Name: Jason Spector

Page 1 of 1

Project Manager: Travis Johansen
E-Mail: tjohansen@fasman-ges.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			X					XXX	GBTEX 9260			cc: Brian Humphrey for email
BH02@12'	↓	11:45	1			X					XXX	DRO 8015			
BH03@13'		8:15	1			X									
Relinquished by:				Date/Time:		Received by:		Date/Time:		Turn Around Time (Check)				Notes:	
Jason Specter				2/13/15 15:30		[Signature]		2/13/15 17		Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> Standard <input type="checkbox"/>				cc: Brian Humphrey in email	
Relinquished by:				Date/Time:		Received by:		Date/Time:		Sample Integrity:					
										Temperature Upon Receipt: 4.5°C Intact: Yes <input type="checkbox"/> No <input type="checkbox"/>					
Relinquished by:				Date/Time:		Received in Lab by:		Date/Time:							

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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.

Carol J. Gray ¹⁰

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

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: o-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: o-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
<i>Surrogate: o-Terphenyl</i>	<i>119 %</i>	<i>30-150</i>			"	"	"	"	

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
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>117 %</i>	<i>23-173</i>			"	"	"	"	
<i>Surrogate: Toluene-d8</i>	<i>118 %</i>	<i>20-170</i>			"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>116 %</i>	<i>21-167</i>			"	"	"	"	

Summit Scientific

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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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1502161 - EPA 3550A

Blank (1502161-BLK1)

Prepared & Analyzed: 02/13/15

C10-C28 (DRO)	62.9	50	mg/kg							
Surrogate: o-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: o-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: o-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: o-Terphenyl	12.9		"	11.8		110	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: 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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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.

A handwritten signature in black ink, appearing to read 'Joseph J Egry IV'.

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 black ink, appearing to be 'Ben Shrewsbury', with a long, sweeping horizontal stroke 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	HNO ₃	None	Other (Specify)	Groundwater	Soil	Air-Canister #	Other (Specify)	BTX	PAH	8240 BTX	2015 DRO	
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: <i>Paul D</i>	Date/Time: <i>5/20/15</i>	Received by: <i>M. Dutton</i>	Date/Time: <i>5/20/15 1700</i>	Turn Around Time (Check)	Notes:
				Same Day <input checked="" type="checkbox"/> 72 hours <input type="checkbox"/>	<i>on ice</i>
				24 hours <input type="checkbox"/> Standard <input type="checkbox"/>	
				48 hours <input type="checkbox"/>	
Relinquished by: <i>MD</i>	Date/Time: <i>5/20/15 1712</i>	Received by: <i>MS</i>	Date/Time: <i>5/20/15 1712</i>	Sample Integrity:	
				Temperature Upon Receipt: <i>6.3C</i>	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Intact: <input checked="" type="radio"/> Yes <input type="radio"/> 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: o-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: o-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	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1505175 - EPA 3550A

Blank (1505175-BLK1)

Prepared & Analyzed: 05/20/15

C10-C28 (DRO)	ND	50	mg/kg							
Surrogate: o-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: o-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: o-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: o-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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0439		"	0.0396		111	23-173			
Surrogate: Toluene-d8	0.0382		"	0.0400		95.4	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.0	21-167			

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			
Surrogate: 1,2-Dichloroethane-d4	0.0437		"	0.0396		110	23-173			
Surrogate: Toluene-d8	0.0399		"	0.0400		99.8	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		96.9	21-167			

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			
Surrogate: 1,2-Dichloroethane-d4	0.0451		"	0.0396		114	23-173			
Surrogate: Toluene-d8	0.0395		"	0.0400		98.7	20-170			
Surrogate: 4-Bromofluorobenzene	0.0388		"	0.0400		97.0	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

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

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

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	
Surrogate: 1,2-Dichloroethane-d4	0.0450		"	0.0396		114	23-173			
Surrogate: Toluene-d8	0.0390		"	0.0400		97.5	20-170			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		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

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.

A handwritten signature in black ink, appearing to be 'B. Humphrey', is written over a horizontal line.

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 black ink, appearing to be '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

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

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: bhumphrey@taman-gas.com / sweathers@dcp-midstream.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)	3200 GBT EX	8015 DRO				
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: <i>[Signature]</i>	Date/Time: 5/21/15 17:09	Received by: <i>[Signature]</i>	Date/Time: 5/21/15 17:09	Turn Around Time (Check)	Notes: <i>From field</i>
Relinquished by: <i>aw</i>	Date/Time: 1800	Received by:	Date/Time:	Same Day — 72 hours —	
				24 hours — Standard —	
				48 hours —	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Sample Integrity:	
				Temperature Upon Receipt: 2.7	
				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
Surrogate: o-Terphenyl		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
Surrogate: 1,2-Dichloroethane-d4		115 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		116 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		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	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 1505190 - EPA 3550A

Blank (1505190-BLK1)

Prepared & Analyzed: 05/21/15

C10-C28 (DRO) ND 50 mg/kg

Surrogate: o-Terphenyl 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

Surrogate: o-Terphenyl 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

Surrogate: o-Terphenyl 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

Surrogate: o-Terphenyl 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	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

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	"							
Surrogate: 1,2-Dichloroethane-d4	0.0453		"	0.0396		114	23-173			
Surrogate: Toluene-d8	0.0384		"	0.0400		96.0	20-170			
Surrogate: 4-Bromofluorobenzene	0.0396		"	0.0400		99.0	21-167			

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			
Surrogate: 1,2-Dichloroethane-d4	0.0455		"	0.0396		115	23-173			
Surrogate: Toluene-d8	0.0402		"	0.0400		100	20-170			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.8	21-167			

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
Surrogate: 1,2-Dichloroethane-d4	0.0460		"	0.0396		116	23-173			
Surrogate: Toluene-d8	0.0422		"	0.0400		105	20-170			
Surrogate: 4-Bromofluorobenzene	0.0389		"	0.0400		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:
05/27/15 16:28

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

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

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
Surrogate: 1,2-Dichloroethane-d4	0.0452		"	0.0396		114	23-173			
Surrogate: Toluene-d8	0.0423		"	0.0400		106	20-170			
Surrogate: 4-Bromofluorobenzene	0.0398		"	0.0400		99.4	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:
05/27/15 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

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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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A handwritten signature in black ink, appearing to read 'Joseph J Egry IV'.

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

Summit Scientific

1502140

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

Page 1 of 1

Client: Tasman
Address: 6899 Pecos Unit C
City/State/Zip: Denver, CO 80221
Phone: 303-418-1228 Fax: _____
Sampler Name: Kate Fasmalik

Project Manager: Travis Johansen, Brian Humphrey
E-Mail: tjohansen@tushman-glo.com bhumphrey@tushman-glo.com
Project Name: Tampa Compressor Station
Project Number:

[illegible]

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.

Loyd J. Gray¹⁰

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⁾ ?		✓		Unfrozen
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⁾ ?	✓			
Was adequate sample volume provided ⁽¹⁾ ?	✓			
If custody seals are present, are they intact ⁽¹⁾ ?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?		✓		
Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ?	✓			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	✓			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	✓			
Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ?	✓			
For volatiles in water — is there headspace present? If yes, contact client and note in narrative.		✓		
Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ?	✓			HCl
Note the type of preservative in the Comments column — HCl, H ₂ SO ₄ , NaOH, etc.				
If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ?			✓	
Record the pH in Comments.				
If dissolved metals are requested, were samples field filtered?			✓	
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 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

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

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

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	"							
Surrogate: 1,2-Dichloroethane-d4	14.0		"	13.2		106	37-154			
Surrogate: Toluene-d8	13.4		"	13.3		100	45-149			
Surrogate: 4-Bromofluorobenzene	14.0		"	13.3		105	45-146			

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			
Surrogate: 1,2-Dichloroethane-d4	15.1		"	13.2		114	37-154			
Surrogate: Toluene-d8	13.6		"	13.3		102	45-149			
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3		104	45-146			

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			
Surrogate: 1,2-Dichloroethane-d4	15.0		"	13.2		113	37-154			
Surrogate: Toluene-d8	13.5		"	13.3		101	45-149			
Surrogate: 4-Bromofluorobenzene	13.8		"	13.3		104	45-146			

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

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