

**GW - 33**

**Release Report/ General  
Correspondence**

**San Juan River Gas Plant**

**Date: 2015**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
Rio Brazos Road, Aztec, NM 87410  
District IV  
S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

AUG 17 2015

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

### OPERATOR

☐ Initial Report ☒ Final Report

Name of Company – CCI San Juan LLC	Contact – Josh Tuttle
Address – 811 Main Street, Suite 3500, Houston, TX 77002	Telephone No. – (435) 686 – 7610
Facility Name – San Juan River Gas Plant	Facility Type – Natural Gas Plant
Surface Owner – Navajo Nation	Mineral Owner
API No. – None	

### LOCATION OF RELEASE

Unit Letter	Section 16	Township 31N	Range 17W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
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Latitude – N36.89398° Longitude – W-108.63926°

### NATURE OF RELEASE

Type of Release – Gathering Pipeline	Volume of Release – None (Iron Sulfide Powder)	Volume Recovered - None
Source of Release – Hole in pipeline	Date and Hour of Occurrence – 7/2/15 at 11:00 am	Date and Hour of Discovery – 7/6/15 at 6:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith	
By Whom? Josh Tuttle	Date and Hour – 7/7/15 at 4:00 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

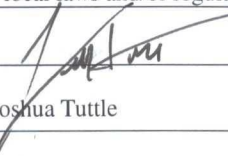
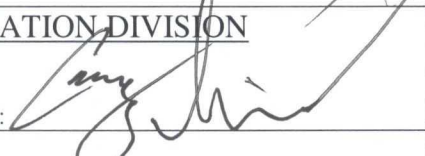
Watercourse was Impacted, Describe Fully.\*

None

Describe Cause of Problem and Remedial Action Taken.\* Following discovery of the leak a crew was dispatched to promptly initiate remedial action. The line was depressured and a crew began excavation activity to remove contaminated soil which appeared to have iron sulfide powder from the pipe. Pipeline clamps were placed on the section requiring repair to prevent additional leaks and future environmental damage. All soil containing the pipe discharge has been horizontally and vertically excavated for remediation and disposal. Composite sampling has been completed on the excavated soil and spot sampling has also been completed on the excavated area to determine cleanup levels.

Describe Area Affected and Cleanup Action Taken.\* The Salt Creek Wash area was exposed to some contaminated soil that has been promptly excavated for remediation and disposal. All soil containing the pipe discharge has been horizontally and vertically excavated. Composite sampling has been completed on the excavated soil and spot sampling has also been completed on the excavated area to determine cleanup levels. The affected site has been sampled (attached) to ensure cleanup levels in accordance with NMOCD requested requirements of which there were non-detected contaminants. A pipe clamp has been installed on the affected pipe. The excavated hole has been backfilled according to best management practices and wattles for erosion with berms are in place.

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

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Joshua Tuttle	Approved by Environmental Specialist: 	
Title: ES&H Specialist II	Approval Date: 9/3/15	Expiration Date:
Email Address: joshua.tuttle@cci.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/11/2015	Phone: (435) 686 – 7610	

\* Attach Additional Sheets If Necessary

#NCS 1524728 722

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AUG 17 2015

## Analytical Report

### Report Summary

Client: CCI, San Juan LLC

Chain Of Custody Number:

Samples Received: 7/14/2015 3:39:00PM

Job Number: 14038-0015

Work Order: P507025

Project Name/Location: Horseshoe Gallup West  
Pipeline Leak

Entire Report Reviewed By:



Date: 7/16/15

Tim Cain, Laboratory Manager

Supplement to analytical report generated on: 7/15/15 2:08 pm

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.

CCI, San Juan LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup West Pipeline Leak  
Project Number: 14038-0015  
Project Manager: Greg Crabtree

**Reported:**  
16-Jul-15 11:58

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S. Wall	P507025-01A	Soil	07/14/15	07/14/15	Glass Jar, 4 oz.
E. Wall	P507025-02A	Soil	07/14/15	07/14/15	Glass Jar, 4 oz.
W. Wall	P507025-03A	Soil	07/14/15	07/14/15	Glass Jar, 4 oz.
N. Wall	P507025-04A	Soil	07/14/15	07/14/15	Glass Jar, 4 oz.
Soil Pile	P507025-05A	Soil	07/14/15	07/14/15	Glass Jar, 4 oz.

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CCI, San Juan LLC	Project Name:	Horseshoe Gallup West Pipeline Leak	<b>Reported:</b> 16-Jul-15 11:58
PO Box 70	Project Number:	14038-0015	
Kirtland NM, 87417	Project Manager:	Greg Crabtree	

**S. Wall**  
**P507025-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.6 %		50-150	1529012	07/14/15	07/14/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
solene Range Organics (C6-C10)	ND	9.91	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8015D	
iesel Range Organics (C10-C28)	ND	34.9	mg/kg	1	1529013	07/15/15	07/15/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		125 %		50-200	1529013	07/15/15	07/15/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		81.3 %		50-150	1529012	07/14/15	07/14/15	EPA 8015D	
<b>Water Chemistry</b>									
Sulfide	ND	1.00	mg/L	1	1529016	07/15/15	07/15/15	Hach Method 8131	

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 Project Manager: Greg Crabtree

**Reported:**  
 16-Jul-15 11:58

**E. Wall**  
**P507025-02 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %		50-150		1529012	07/14/15	07/14/15	EPA 8021B	
Nonhalogenated Organics by 8015										
solene Range Organics (C6-C10)	ND	9.85	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8015D	
iesel Range Organics (C10-C28)	ND	35.0	mg/kg	1		1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: o-Terphenyl		126 %		50-200		1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		83.7 %		50-150		1529012	07/14/15	07/14/15	EPA 8015D	

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 Project Manager: Greg Crabtree

**Reported:**  
 16-Jul-15 11:58

**W. Wall**  
**P507025-03 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %		50-150		1529012	07/14/15	07/14/15	EPA 8021B	
Nonhalogenated Organics by 8015										
solene Range Organics (C6-C10)	ND	9.86	mg/kg	1		1529012	07/14/15	07/14/15	EPA 8015D	
esel Range Organics (C10-C28)	ND	30.0	mg/kg	1		1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: o-Terphenyl		118 %		50-200		1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		84.7 %		50-150		1529012	07/14/15	07/14/15	EPA 8015D	

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**Reported:**  
 16-Jul-15 11:58

**N. Wall**  
**P507025-04 (Solid)**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Volatile Organics by EPA 8021									
Benzene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %		50-150	1529012	07/14/15	07/14/15	EPA 8021B	
Nonhalogenated Organics by 8015									
Volatiline Range Organics (C6-C10)	ND	9.92	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8015D	
Semivolatline Range Organics (C10-C28)	ND	30.0	mg/kg	1	1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: o-Terphenyl		119 %		50-200	1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		84.3 %		50-150	1529012	07/14/15	07/14/15	EPA 8015D	

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**Reported:**  
 16-Jul-15 11:58

**Soil Pile**  
**P507025-05 (Solid)**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Volatile Organics by EPA 8021										
Benzene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %		50-150	1529012	07/14/15	07/14/15	07/14/15	EPA 8021B	
Nonhalogenated Organics by 8015										
solene Range Organics (C6-C10)	ND	9.88	mg/kg	1	1529012	07/14/15	07/14/15	07/14/15	EPA 8015D	
escl Range Organics (C10-C28)	ND	29.9	mg/kg	1	1529013	07/15/15	07/15/15	07/15/15	EPA 8015D	
Surrogate: o-Terphenyl		115 %		50-200	1529013	07/15/15	07/15/15	07/15/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		85.2 %		50-150	1529012	07/14/15	07/14/15	07/14/15	EPA 8015D	

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16-Jul-15 11:58

**Volatile Organics by EPA 8021 - Quality Control**  
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1529012 - Purge and Trap EPA 5030A**

**Blank (1529012-BLK1)**

Prepared & Analyzed: 14-Jul-15

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							
Surrogate: 4-Bromochlorobenzene-PID	0.289		"	0.320		90.3	50-150			

**LCS (1529012-BS1)**

Prepared & Analyzed: 14-Jul-15

Benzene	20.5	0.10	mg/kg	20.0		102	75-125			
Toluene	21.2	0.10	"	20.0		106	70-125			
Ethylbenzene	21.3	0.10	"	20.0		107	75-125			
p,m-Xylene	42.5	0.20	"	40.0		106	80-125			
o-Xylene	20.7	0.10	"	20.0		104	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.290		"	0.320		90.6	50-150			

**Matrix Spike (1529012-MS1)**

Source: P507021-01

Prepared & Analyzed: 14-Jul-15

Benzene	20.8	0.10	mg/kg	20.0	ND	104	75-125			
Toluene	21.6	0.10	"	20.0	ND	108	70-125			
Ethylbenzene	21.8	0.10	"	20.0	ND	109	75-125			
p,m-Xylene	43.4	0.20	"	40.0	ND	108	80-125			
o-Xylene	21.1	0.10	"	20.0	ND	106	75-125			
Surrogate: 4-Bromochlorobenzene-PID	0.291		"	0.320		90.8	50-150			

**Matrix Spike Dup (1529012-MSD1)**

Source: P507021-01

Prepared & Analyzed: 14-Jul-15

Benzene	16.1	0.10	mg/kg	20.0	ND	80.5	75-125	25.7	15	D1
Toluene	16.5	0.10	"	20.0	ND	82.7	70-125	26.5	15	D1
Ethylbenzene	16.6	0.10	"	20.0	ND	82.9	75-125	27.0	15	D1
p,m-Xylene	33.2	0.20	"	40.0	ND	83.0	80-125	26.6	15	D1
o-Xylene	16.4	0.10	"	20.0	ND	82.1	75-125	25.2	15	D1
Surrogate: 4-Bromochlorobenzene-PID	0.289		"	0.320		90.4	50-150			

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5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com  
laboratory@envirotech-inc.com

CCI, San Juan LLC	Project Name:	Horseshoe Gallup West Pipeline Leak	Reported: 16-Jul-15 11:58
PO Box 70	Project Number:	14038-0015	
Kirtland NM, 87417	Project Manager:	Greg Crabtree	

### Nonhalogenated Organics by 8015 - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1529012 - Purge and Trap EPA 5030A</b>										
<b>Blank (1529012-BLK1)</b>				Prepared & Analyzed: 14-Jul-15						
Gasoline Range Organics (C6-C10)	ND	10.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.272		"	0.320		84.9	50-150			
<b>LCS (1529012-BS1)</b>				Prepared & Analyzed: 14-Jul-15						
Gasoline Range Organics (C6-C10)	385	10.0	mg/kg	368		105	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.272		"	0.320		85.0	50-150			
<b>Matrix Spike (1529012-MS1)</b>				Source: P507021-01		Prepared & Analyzed: 14-Jul-15				
Gasoline Range Organics (C6-C10)	393	10.0	mg/kg	368	ND	107	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.272		"	0.320		85.1	50-150			
<b>Matrix Spike Dup (1529012-MSD1)</b>				Source: P507021-01		Prepared & Analyzed: 14-Jul-15				
Gasoline Range Organics (C6-C10)	304	10.0	mg/kg	368	ND	82.6	75-125	25.6	15	D1
Surrogate: 4-Bromochlorobenzene-FID	0.273		"	0.320		85.4	50-150			

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 Project Name: Horseshoe Gallup West Pipeline Leak  
 Project Number: 14038-0015  
 Project Manager: Greg Crabtree

**Reported:**  
 16-Jul-15 11:58

**Nonhalogenated Organics by 8015 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1529013 - DRO Extraction EPA 3550M</b>										
<b>Blank (1529013-BLK1)</b>				Prepared & Analyzed: 14-Jul-15						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	47.7		"	40.0		119	50-200			
<b>LCS (1529013-BS1)</b>				Prepared & Analyzed: 14-Jul-15						
Diesel Range Organics (C10-C28)	542	25.0	mg/kg	500		108	38-132			
Surrogate: o-Terphenyl	49.9		"	40.0		125	50-200			
<b>Matrix Spike (1529013-MS1)</b>				<b>Source: P507021-01</b>		Prepared & Analyzed: 14-Jul-15				
Diesel Range Organics (C10-C28)	545	35.0	mg/kg	500	ND	109	38-132			
Surrogate: o-Terphenyl	46.5		"	40.0		116	50-200			
<b>Matrix Spike Dup (1529013-MSD1)</b>				<b>Source: P507021-01</b>		Prepared & Analyzed: 14-Jul-15				
Diesel Range Organics (C10-C28)	533	35.0	mg/kg	500	ND	107	38-132	2.25	20	
Surrogate: o-Terphenyl	48.0		"	40.0		120	50-200			

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**Reported:**  
16-Jul-15 11:58

#### Notes and Definitions

D1 Duplicates or Matrix Spike Duplicates Relative Percent Difference is outside of control 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

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5796 US Highway 64, Farmington, NM 87401

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laboratory@envirotech-inc.com







## Analytical Report

### Report Summary

Client: CCI, San Juan LLC

Chain Of Custody Number:

Samples Received: 7/27/2015 2:52:00PM

Job Number: 14038-0015

Work Order: P507075

Project Name/Location: Horseshoe Gallup West  
Pipeline Leak

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read "Tim Cain", is written over a horizontal line.

Date: 7/29/15

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



CCI, San Juan LLC  
PO Box 70  
Kirtland NM, 87417

Project Name: Horseshoe Gallup West Pipeline Leak  
Project Number: 14038-0015  
Project Manager: Greg Crabtree

**Reported:**  
29-Jul-15 08:50

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Bottom Comp	P507075-01A	Soil	07/27/15	07/27/15	Glass Jar, 4 oz.

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 Project Name: Horseshoe Gallup West Pipeline Leak  
 Project Number: 14038-0015  
 Project Manager: Greg Crabtree

 Reported:  
 29-Jul-15 08:50

**Bottom Comp**  
**P507075-01 (Solid)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Volatile Organics by EPA 8021</b>									
Benzene	ND	0.10	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8021B	
Toluene	ND	0.10	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8021B	
Ethylbenzene	ND	0.10	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8021B	
p,m-Xylene	ND	0.20	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8021B	
o-Xylene	ND	0.10	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8021B	
Total Xylenes	ND	0.10	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8021B	
Total BTEX	ND	0.10	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %		50-150	1531006	07/28/15	07/28/15	EPA 8021B	
<b>Nonhalogenated Organics by 8015</b>									
Polycyclic Aromatic Hydrocarbons (C6-C10)	ND	20.0	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8015D	
Polycyclic Aromatic Hydrocarbons (C10-C28)	ND	45.0	mg/kg	2	1531005	07/28/15	07/28/15	EPA 8015D	
<i>Surrogate: o-Terphenyl</i>		107 %		50-200	1531005	07/28/15	07/28/15	EPA 8015D	
<i>Surrogate: 4-Bromochlorobenzene-FID</i>		98.2 %		50-150	1531006	07/28/15	07/28/15	EPA 8015D	
<b>Water Chemistry</b>									
Sulfide	ND	1.00	mg/L	1	1531010	07/28/15	07/28/15	Hach Method 8131	

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 Project Name: Horseshoe Gallup West Pipeline Leak  
 Project Number: 14038-0015  
 Project Manager: Greg Crabtree

**Reported:**  
 29-Jul-15 08:50

**Volatile Organics by EPA 8021 - Quality Control**
**Envirotech Analytical Laboratory**

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

**Batch 1531006 - Purge and Trap EPA 5030A**
**Blank (1531006-BLK1)**

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	"							
Ethylbenzene	ND	0.10	"							
p,m-Xylene	ND	0.20	"							
o-Xylene	ND	0.10	"							
Total Xylenes	ND	0.10	"							
Total BTEX	ND	0.10	"							

Surrogate: 4-Bromochlorobenzene-PID 0.320 " 0.320 100 50-150

**LCS (1531006-BS1)**

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.7	0.10	mg/kg	20.0		108	75-125			
Toluene	21.7	0.10	"	20.0		109	70-125			
Ethylbenzene	22.0	0.10	"	20.0		110	75-125			
p,m-Xylene	44.2	0.20	"	40.0		110	80-125			
o-Xylene	21.6	0.10	"	20.0		108	75-125			

Surrogate: 4-Bromochlorobenzene-PID 0.321 " 0.320 100 50-150

**Matrix Spike (1531006-MS1)**

Source: P507073-01

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.6	0.10	mg/kg	20.0	ND	108	75-125			
Toluene	21.7	0.10	"	20.0	ND	109	70-125			
Ethylbenzene	22.1	0.10	"	20.0	ND	111	75-125			
p,m-Xylene	44.2	0.20	"	39.9	ND	111	80-125			
o-Xylene	21.7	0.10	"	20.0	ND	108	75-125			

Surrogate: 4-Bromochlorobenzene-PID 0.321 " 0.320 101 50-150

**Matrix Spike Dup (1531006-MSD1)**

Source: P507073-01

Prepared: 27-Jul-15 Analyzed: 28-Jul-15

Benzene	21.3	0.10	mg/kg	20.0	ND	107	75-125	1.51	15	
Toluene	21.4	0.10	"	20.0	ND	107	70-125	1.59	15	
Ethylbenzene	21.7	0.10	"	20.0	ND	109	75-125	1.59	15	
p,m-Xylene	43.5	0.20	"	40.0	ND	109	80-125	1.59	15	
o-Xylene	21.3	0.10	"	20.0	ND	107	75-125	1.61	15	

Surrogate: 4-Bromochlorobenzene-PID 0.323 " 0.320 101 50-150

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CCI, San Juan LLC  
 PO Box 70  
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 Project Name: Horseshoe Gallup West Pipeline Leak  
 Project Number: 14038-0015  
 Project Manager: Greg Crabtree

**Reported:**  
 29-Jul-15 08:50

**Nonhalogenated Organics by 8015 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1531005 - DRO Extraction EPA 3550M</b>										
<b>Blank (1531005-BLK1)</b>				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Surrogate: o-Terphenyl	42.7		"	40.0		107	50-200			
<b>LCS (1531005-BS1)</b>				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Diesel Range Organics (C10-C28)	528	25.0	mg/kg	500		106	38-132			
Surrogate: o-Terphenyl	43.3		"	40.0		108	50-200			
<b>Matrix Spike (1531005-MS1)</b>				<b>Source: P507073-01</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Diesel Range Organics (C10-C28)	397	25.0	mg/kg	500	ND	79.4	38-132			
Surrogate: o-Terphenyl	31.6		"	40.0		79.0	50-200			
<b>Matrix Spike Dup (1531005-MSD1)</b>				<b>Source: P507073-01</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Diesel Range Organics (C10-C28)	396	25.0	mg/kg	500	ND	79.2	38-132	0.184	20	
Surrogate: o-Terphenyl	32.0		"	40.0		79.9	50-200			

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 Kirtland NM, 87417

 Project Name: Horseshoe Gallup West Pipeline Leak  
 Project Number: 14038-0015  
 Project Manager: Greg Crabtree

 Reported:  
 29-Jul-15 08:50

**Nonhalogenated Organics by 8015 - Quality Control**
**Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1531006 - Purge and Trap EPA 5030A</b>										
<b>Blank (1531006-BLK1)</b>				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 4-Bromochlorobenzene-FID	0.312		"	0.320		97.4	50-150			
<b>LCS (1531006-BS1)</b>				Prepared: 27-Jul-15 Analyzed: 28-Jul-15						
Gasoline Range Organics (C6-C10)	471	20.0	mg/kg	449		105	80-120			
Surrogate: 4-Bromochlorobenzene-FID	0.313		"	0.320		97.7	50-150			
<b>Matrix Spike (1531006-MS1)</b>				<b>Source: P507073-01</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Gasoline Range Organics (C6-C10)	472	20.0	mg/kg	449	ND	105	75-125			
Surrogate: 4-Bromochlorobenzene-FID	0.313		"	0.320		97.9	50-150			
<b>Matrix Spike Dup (1531006-MSD1)</b>				<b>Source: P507073-01</b>		Prepared: 27-Jul-15 Analyzed: 28-Jul-15				
Gasoline Range Organics (C6-C10)	464	20.0	mg/kg	449	ND	103	75-125	1.74	15	
Surrogate: 4-Bromochlorobenzene-FID	0.314		"	0.320		98.1	50-150			

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Kirtland NM, 87417

Project Name: Horseshoe Gallup West Pipeline Leak  
Project Number: 14038-0015  
Project Manager: Greg Crabtree

**Reported:**  
29-Jul-15 08:50

#### 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

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Project Manager: Grey Crabtree

Diagram of a two-story building. The upper story is labeled '1d' and the lower story is labeled '3d'.

14038-0015

Correct Cont/Prsrv (s) Y/N

Page 1 of 1

Page 8 of 8



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

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company – CCI San Juan LLC	Contact – Josh Tuttle	
Address – 811 Main Street, Suite 3500, Houston, TX 77002	Telephone No. – (435) 686 – 7610	
Facility Name – San Juan River Gas Plant	Facility Type – Natural Gas Plant	
Surface Owner – Navajo Nation	Mineral Owner	API No. – None

**LOCATION OF RELEASE**

Unit Letter	Section 16	Township 31N	Range 17W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
-------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	--------------------

Latitude – N36.89398° Longitude – W-108.63926°

**NATURE OF RELEASE**

Type of Release – Gathering Pipeline	Volume of Release – None (Iron Sulfide Powder)	Volume Recovered - None
Source of Release – Hole in pipeline	Date and Hour of Occurrence – 7/2/15 at 11:00 am	Date and Hour of Discovery – 7/6/15 at 6:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith	
By Whom? Josh Tuttle	Date and Hour – 7/7/15 at 4:00 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*  
None

OIL CONS. DIV DIST. 3

JUL 24 2015

2015 JUL 22 PM  
RECEIVED OIL



Describe Cause of Problem and Remedial Action Taken.\*

Following discovery of the leak a crew was dispatched to promptly initiate remedial action. The line was depressured and a crew began excavation activity to remove contaminated soil which appeared to have iron sulfide powder from the pipe. Pipeline clamps were placed on the section requiring repair to prevent additional leaks and future environmental damage. All soil containing the pipe discharge has been horizontally and vertically excavated for remediation and disposal. Composite sampling has been completed on the excavated soil and spot sampling has also been completed on the excavated area to determine cleanup levels.

Describe Area Affected and Cleanup Action Taken.\*

The Salt Creek Wash area was exposed to some contaminated soil that has been promptly excavated for remediation and disposal. All soil containing the pipe discharge has been horizontally and vertically excavated. Composite sampling has been completed on the excavated soil and spot sampling has also been completed on the excavated area to determine cleanup levels.

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

Signature: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Josh Tuttle	Approved by Environmental Specialist: 	
Title: ES&H Specialist II	Approval Date: 8/3/15	Expiration Date:
E-mail Address: joshua.tuttle@cci.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 7/16/2015	Phone: (435) 686 – 7610	Take At A minimum a low Sulfid Soil Sample At Base.

\* Attach Additional Sheets If Necessary

#NCS 1521552026



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

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company CCI San Juan LLC	Contact Ryan Kelly	
Address	Telephone No.	
Facility Name Horseshoe Gallup Gathering Line	Facility Type	
Surface Owner	Mineral Owner	API No.

**LOCATION OF RELEASE**

Unit Letter A	Section 34	Township T31N	Range 16W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
------------------	---------------	------------------	--------------	---------------	------------------	---------------	----------------	--------------------

Latitude 36.856 Longitude -108.5165

**NATURE OF RELEASE**

Type of Release Pipeline Spill	Volume of Release 150-250 bbls	Volume Recovered 0
Source of Release 16" Horseshoe Gallup Gathering line	Date and Hour of Occurrence 8/14 at 7:45 pm	Date and Hour of Discovery 8/14 at 1:03am
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	
By Whom? Josh Tuttle	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

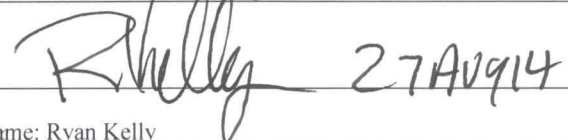
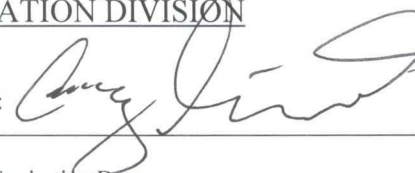
Describe Cause of Problem and Remedial Action Taken.\*

Following discovery of the leak a crew was dispatched to promptly initiate corrective action. The line was depressured and isolated. The process was completed in six hours. All soil containing the discharged fluids are being horizontally and vertically excavated for remediation and disposal. A sample and remediation plan has been submitted for approval.

Describe Area Affected and Cleanup Action Taken.\*

A hole in the ground was a result of the pipe damage following a large amount of hydrocarbons spayed to the South and West. A heavy rain event carried a portion of the oil an additional 300 yards down the wash before dissipating into dryer soils. All soil containing the discharged fluids are being horizontally and vertically excavated for remediation and disposal. A sample and remediation plan has been submitted for approval.

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

Signature:  27 AUG 14	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Ryan Kelly	Approved by Environmental Specialist: 	
Title: Associate Safety Specialist	Approval Date: 8/3/15	Expiration Date:
E-mail Address: ryan.kelly@cci.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: August 26, 2014	Phone:	

\* Attach Additional Sheets If Necessary

#NCS 1521539662

①