Release Report/ General Correspondence

San Juan River Gas Plant

Date: 2015

OIL CONS. DIV DIST. 3

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 Dietrict III 'io Brazos Road, Aztec, NM 87410

S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

AUG 17 2015

Form C-141 Revised August 8, 2011

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

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

			Kel	ease Notific	atio	n and Co	orrective A	ction	1			
						OPERA	ГOR		☐ Initia	al Report	⊠ Fi	nal Repo
Name of Co	ompany – (CCI San Juan	n LLC			Contact - Jo						The state of the s
Address – 8	311 Main S	Street, Suite 3	3500, Ho	uston, TX 77002	2	Telephone I	No. – (435) 686	- 7610				
Facility Na	me – San J	uan River G	as Plant			Facility Typ	e – Natural Gas	Plant	(%)			
Surface Ow	ner Nav	aio Nation		Mineral O	wnor				A DI No	. – None		
Surface Ow	nci – ivav	ajo ivation		Willeral	WHEI				AFINO	o. – None		
				LOCA	TIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/\	West Line	County		
	16	31N	17W							San Juan		
				Latitude – N36.	.89398	° Longitude	- W-108.63926	6°				
						OF REL		O				
Type of Rele	ease – Gathe	ering Pipeline		IVAI	UKL	_	Release – None (Iron	Volume I	Recovered - N	one	
Type of Refe	ase Sum	ang r ipenne				Sulfide Po		(IIOII	v ordine i	tecovered 11	one	
Source of Release – Hole in pipeline						terror man that the	Iour of Occurrence	ce –	Date and	Hour of Disco	very – 7	7/6/15 at
Was Immediate Notice Given?						7/2/15 at 1	7,100 70,1000		6:00 PM			
Was Immedi	ate Notice		I Ves T] No ☐ Not Re	equired		Whom? Cory Sn	nith				
D WI OI	1 TC 441		103 _	1 NO LI NOUNC	quired		7/7/15	00				
By Whom? J		ched?					Iour – 7/7/15 at 4: olume Impacting t		arcource			
Was a Watercourse Reached? ☐ Yes ☒ No						II ILS, V	nume impacting t	ine wat	cicourse.			
Veterror	T											
None	urse was III	pacted, Descr	ibe rully.									
1,0110												
D 11 G	4 P 1											
				ion Taken.* Follo cavation activity t								
				quiring repair to p								
discharge ha	s been hori	zontally and v	ertically e	excavated for reme	ediation	and disposal	. Composite samp					
spot samplin	g has also b	een complete	d on the e	xcavated area to de	etermin	e cleanup leve	els.					
				Taken.* The Sa								
				oil containing the parties sampling has also								
				els in accordance v								
		talled on the a	affected pi	pe. The excavated	hole h	as been backf	illed according to	best ma	anagement	practices and	wattles f	or erosion
with berms a		information a	ivan abay	e is true and comp	lata to t	the best of my	knowledge and u	ndarete	nd that nur	quant to NMO	CD rule	and
				nd/or file certain r								
				ce of a C-141 repo								
				y investigate and re								
				ptance of a C-141	report (does not reliev	e the operator of	respons	ibility for c	ompliance wit	th any ot	ther
federal, state, or local laws and/or regulations.							OIL CON	CEDI	ATION	DIVISION	NI /	/ /
Signature:	//	11 111					OIL CON	SEIV V	ATION	DIVISIO		
	1/0	The state of the s							10	me/	1	
Printed Nam	ie: Joshua T	uttle				Approved by	Environmental S	pecialis	t: //	Λ, M	\sim	
m		***					9/2/1-	-	(2		
T:+1e: ES&H	Specialist	П				Approval Da	te: 1/3//5		Expiration	Date:		
4il Addr	ess: joshua	tuttle@cci.co	m			Conditions o	f Approval:					
	220. josnad.						- spp. o. a.,			Attached		
Date: 8/11/2				e: (435) 686 – 761	0							
Attach Addi	itional She	ets If Necess	sary		-	HUCS	> 152	47	22	777		_
					7	1 4	0	- (0	100		73



OIL CONS. DIV DIST. 3

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

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

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.



Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Kirtland NM, 87417

Project Number: Project Manager: 14038-0015 Greg Crabtree

Reported:

16-Jul-15 11:58

Analyical 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.	



Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number:

14038-0015

Reported: 16-Jul-15 11:58

Kirtland NM, 87417

Project Manager:

Greg Crabtree

S. Wall P507025-01 (Solid)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021	2		-5-5-5-5		2020000	P		30.00000	
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		86.6 %	50-	-150	1529012	07/14/15	07/14/15	EPA 8021B	
Nonhalogenated Organics by 8015									
soline Range Organics (C6-C10)	ND	9.91	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8015D	
.esel Range Organics (C10-C28)	ND	34.9	mg/kg	1	1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: o-Terphenyl		125 %	50-	-200	1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		81.3 %	50-	-150	1529012	07/14/15	07/14/15	EPA 8015D	
Water Chemistry									
Sulfide	ND	1.00	mg/L	1	1529016	07/15/15	07/15/15	Hach Method 8131	

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5796 US Highway 64, Farmington, NM 87401

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



Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number:

14038-0015

Reported:

Kirtland NM, 87417 Project Manager: Greg Crabtree

16-Jul-15 11:58

E. Wall P507025-02 (Solid)

1								
		Reporting						
Analyte	Result	Limit	Units Di	lution Batch	Prepared	Analyzed	Method	Notes
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 l	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								
soline Range Organics (C6-C10)	ND	9.85	mg/kg 1	1529012	07/14/15	07/14/15	EPA 8015D	
esel 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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laboratory@envirotech-inc.com



PO Box 70 Kirtland NM, 87417 Project Name:

Horseshoe Gallup West Pipeline Leak

Project Number: Project Manager: 14038-0015 Greg Crabtree Reported:

16-Jul-15 11:58

W. Wall P507025-03 (Solid)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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	2
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 %	50-1.	50	1529012	07/14/15	07/14/15	EPA 8021B	
Nonhalogenated Organics by 8015	5								
soline 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 %	50-20	00	1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		84.7 %	50-1.	50	1529012	07/14/15	07/14/15	EPA 8015D	

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Page 5 of 12

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Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number:

14038-0015

Reported:

Kirtland NM, 87417

Project Manager:

Greg Crabtree

16-Jul-15 11:58

N. Wall P507025-04 (Solid)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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									
soline Range Organics (C6-C10)	ND	9.92	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		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	



Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Kirtland NM, 87417

Project Number: Project Manager: 14038-0015 Greg Crabtree

Reported:

16-Jul-15 11:58

Soil Pile P507025-05 (Solid)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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		90.8 %	50	-150	1529012	07/14/15	07/14/15	EPA 8021B	
Nonhalogenated Organics by 8015									
soline Range Organics (C6-C10)	ND	9.88	mg/kg	1	1529012	07/14/15	07/14/15	EPA 8015D	
esel Range Organics (C10-C28)	ND	29.9	mg/kg	1	1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: o-Terphenyl		115 %	50	-200	1529013	07/15/15	07/15/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		85.2 %	50	-150	1529012	07/14/15	07/14/15	EPA 8015D	



Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number: Kirtland NM, 87417 Project Manager: 14038-0015 Greg Crabtree

Reported: 16-Jul-15 11:58

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

Analysis	Domile	Reporting	Their	Spike	Source	0/DEC	%REC	RPD	RPD	Net
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	KPD	Limit	Notes
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	**							
o,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				
ızene	20.5	0.10	mg/kg	20.0		102	75-125			
auene	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)	Sor	urce: P507021-	-01	Prepared &	k Analyzed:	14-Jul-15				
Benzene	20.8	0.10	mg/kg	20.0	ND	104	75-125			
Toluene	21.6	0.10	11	20.0	ND	108	70-125			
Ethylbenzene	21.8	0.10	н	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)	So	urce: P507021-	-01	Prepared &	k 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	DI
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	DI
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



PO Box 70

Kirtland NM, 87417

Project Name:

Horseshoe Gallup West Pipeline Leak

Project Number: Project Manager: 14038-0015

Greg Crabtree

Reported:

16-Jul-15 11:58

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1529012 - Purge and Trap EPA 5030A										
Blank (1529012-BLK1)				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			
LCS (1529012-BS1)				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			
Matrix Spike (1529012-MS1)	Sou	rce: 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			
.trix Spike Dup (1529012-MSD1)	Sou	rce: 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	DI
Surrogate: 4-Bromochlorobenzene-FID	0.273		"	0.320		85.4	50-150			



PO Box 70

Kirtland NM, 87417

Project Name:

Horseshoe Gallup West Pipeline Leak

Project Number: Project Manager:

Reporting

14038-0015

Spike

Greg Crabtree

Source

Reported:

RPD

16-Jul-15 11:58

%REC

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1529013 - DRO Extraction EPA 355	0M									
Blank (1529013-BLK1)				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			
LCS (1529013-BS1)				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			
Matrix Spike (1529013-MS1)	Source	e: P507021-	01	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			
atrix Spike Dup (1529013-MSD1)	Sourc	e: P507021-	01	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			



Kirtland NM, 87417

Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number: Project Manager: 14038-0015 Greg Crabtree

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

Client: CCI		RUSH?	L	Lab Use Only			Analysis and Method					lab Only			
Project: Horse shore Gallup West pipe	line lea	r K		₩ Id		Lab WO#									Z
Sampler: E. Garu'a				3d	P50	7025									((s)
Phone:					J	ob Number		8015		0.0				Lab Number	Prsrv
Email(s): T. Garcia					1403	8-0015		by 8	0.1	y 30	2			N C	ont/
Project Manager: Grey Crabfrez				Pag		_/_		ORO	Dy 8	de b	P.y			Lak	ct C
Sample ID		Sample Date	Sample Time	Matrix		ontainers TYPE/Preservat	tive	GRO/DRO by	TELL by 419 1	Chloride by 300.0	54.1				Correct Cont/Prsrv (s) Y/N
5. wall		7/14/15	11:21	5	1-402/	6/100/		X			X)	~
E. Wall			11:27					X >	<				4	2	-
W. Wall			11:34					X	<					3	_
N. Wall			11:42					X)	<					4	_
Soil Pila		7		1	, <			X			-	7		5	-
					,										
						4									
Relinquished by: (Signature) Date 7/14/15	Time 15:39	Received	by: (Signa	ture)	7/14/15	Time 1579	**Re	ceive	d on			e Only			
Relinquished by: (Signature) Date	Time	Received	by: (Signa	ture)	Date	1539 Time	T1_/	4.9		T2_			T3_	16.	8
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, C	Other					Container Ty				ly/pla	stic, a	g - amber	glass, v -	VOA	
**Samples requiring thermal preservation must be received	on ice the day t						than BC or	subse	quent	days.					
Sample(s) dropped off after hours to a secure drop off	area.		Chain of	f Custody	Notes/Billi	ng info:									
Penvirotec	h	7704 HS 111	-b	NIE 07801		DL 150	151 533 0635	r. (car)	ess 1000			100			



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



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

Tim Cain, Laboratory Manager

Pipeline Leak

Entire Report Reviewed By:

Date:

7/29/15

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.



Project Name:

Project Manager:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Kirtland NM, 87417

Project Number: 1403

14038-0015 Greg Crabtree Reported:

29-Jul-15 08:50

Analyical 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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PO Box 70

Kirtland NM, 87417

Project Name:

Horseshoe Gallup West Pipeline Leak

Project Number: Project Manager: 14038-0015 Greg Crabtree

Reported: 29-Jul-15 08:50

Bottom Comp P507075-01 (Solid)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
Volatile Organics by EPA 8021									
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	
Surrogate: 4-Bromochlorobenzene-PID		100 %	50-	150	1531006	07/28/15	07/28/15	EPA 8021B	
Nonhalogenated Organics by 8015									
poline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1531006	07/28/15	07/28/15	EPA 8015D	
usel Range Organics (C10-C28)	ND	45.0	mg/kg	2	1531005	07/28/15	07/28/15	EPA 8015D	
Surrogate: o-Terphenyl		107 %	50	200	1531005	07/28/15	07/28/15	EPA 8015D	
Surrogate: 4-Bromochlorobenzene-FID		98.2 %	50-	150	1531006	07/28/15	07/28/15	EPA 8015D	
Water Chemistry									
Sulfide	ND	1.00	mg/L	1	1531010	07/28/15	07/28/15	Hach Method 8131	

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laboratory@envirotech-inc.com



Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number:

14038-0015

Reported:

Kirtland NM, 87417

Project Manager: Greg Crabtree

29-Jul-15 08:50

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

1.07.00		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 1531006 - Purge and Trap EPA 5030A										
Blank (1531006-BLK1)				Prepared: 2	27-Jul-15 A	nalyzed: 28	8-Jul-15			
Benzene	ND	0.10	mg/kg							
Toluene	ND	0.10	н							
Ethylbenzene	ND	0.10	n							
,m-Xylene	ND	0.20	11							
-Xylene	ND	0.10	"							
fotal Xylenes	ND	0.10	"							
otal BTEX	ND	0.10	"							
urrogate: 4-Bromochlorobenzene-PID	0.320		"	0.320		100	50-150			
.CS (1531006-BS1)				Prepared: 2	27-Jul-15 A	nalyzed: 2	8-Jul-15			
izene	21.7	0.10	mg/kg	20.0		108	75-125			
uene	21.7	0.10	"	20.0		109	70-125			
Ethylbenzene	22.0	0.10	н	20.0		110	75-125			
o,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)	Sou	rce: P507073-	01	Prepared: 2	27-Jul-15 A	nalyzed: 2				
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			
o,m-Xylene	44.2	0.20	**	39.9	ND	111	80-125			
-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)	Sou	ırce: P507073-	01	Prepared: 2	27-Jul-15 A	nalyzed: 2	8-Jul-15			
Benzene	21.3	0.10	mg/kg	20.0	ND	107	75-125	1.51	15	
Coluene	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	
,m-Xylene	43.5	0.20	"	40.0	ND	109	80-125	1.59	15	
p-Xylene	21.3	0.10	и	20.0	ND	107	75-125	1.61	15	
Surrogate: 4-Bromochlorobenzene-PID	0.323		"	0.320		101	50-150			

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Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number:

14038-0015

Reported:

Kirtland NM, 87417

Project Manager:

Greg Crabtree

29-Jul-15 08:50

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD			
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes		
Batch 1531005 - DRO Extraction EPA 3550	M											
Blank (1531005-BLK1)				Prepared:	27-Jul-15 A	nalyzed: 2	8-Jul-15					
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg									
Surrogate: o-Terphenyl	42.7		"	40.0		107	50-200					
LCS (1531005-BS1)	S-BS1) Prepared							pared: 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					
Matrix Spike (1531005-MS1)	Sou	rce: P507073-	01	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					
.trix Spike Dup (1531005-MSD1)	(x Spike Dup (1531005-MSD1) Source: P507073-01						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					



Project Name:

Horseshoe Gallup West Pipeline Leak

PO Box 70

Project Number:

14038-0015

Reported:

Kirtland NM, 87417

Project Manager:

Greg Crabtree

29-Jul-15 08:50

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD				
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes			
Batch 1531006 - Purge and Trap EPA 5030A													
Blank (1531006-BLK1)		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						
LCS (1531006-BS1)				Prepared: 2	27-Jul-15 A	nalyzed: 2	8-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						
Matrix Spike (1531006-MS1)	Sou	rce: P507073-	01	Prepared: 2	27-Jul-15 A	nalyzed: 2	8-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						
atrix Spike Dup (1531006-MSD1)	Sou	rce: P507073-	01	Prepared: 2	27-Jul-15 A	nalyzed: 2	8-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

PO Box 70

Project Number: Project Manager: 14038-0015 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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Ph (505) 632-0615 Fx (505) 632-1865

Client: CCI	RUSH?	La	b Use Only .		Analysis and Method					lab Only				
Project: Horseshoe Gallup West Ripe 1		7 1d		Lab WO#									Z	
Sampler: 7. Garcia			3d	P 50	7075-0	MA								(s) Y
Phone:			-	and the surface of the state of the state of the said of	b Number	8015			0.0				Lab Number	rsrv
Email(s): 8 sauc 6.				140	38-0015	by 8	121	3.1	/ 300	2			Nun	nt/P
Project Manager: Grey Crabtree		Page	e 1 of		RO	y 80	418	le by	Die Die			Lab	t Co	
Sample ID	Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Preservative		GRO/DRO by	BTEX by 8021	TPH by 418.1	Chloride by 300.0	Sul				Correct Cont/Prsrv (s) Y/N
Bottom Comp	7127115	12:08	5	1-402/6	7/6001	X	X			X			1	Y
,														
			,									_		
Relinguished by: (Signature) Date Time 7/27/15 14:51	Received	by: (Signa	ture)	7/17/15	Time 14:52	**Recei	ved	on Ic		b Use (Only			
Relinquished by: (Signature) Date Time		by (Signa						T3_						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					Container Type		Street, Street,			tic, ag -	amber g	glass, v -	VOA	
**Samples requiring thermal preservation must be received on ice the day				at an avg temp ab	ove 0 but less than	n BC on sul	bseque	ent day	/S.					
Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billing	g info:					***************************************	1000			



5796 US Highway 64, Farmington, NM 87401

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

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

Page 8 of 8

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

<u>District I</u> 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 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011

Form C-141

Oil Conservation Division 1220 South St. Francis Dr.

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

1220 5. 5t. 1 1416	ois Dr., Suite	a i c, 14141 0750.	,	Sa	nta Fe	, NM 875	05							
Release Notification and Corrective Action														
						OPERAT	OR							
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 Nan	ne – San J	uan River G	as Plant]	Facility Typ	e – Natural Gas	Plant						
Surface Owner – Navajo Nation Mineral Owner									API No. – None					
LOCATION OF REI							EASE							
Unit Letter	Section	Township	Range	Feet from the						County				
	16	31N	17W							San Juan				
				L - 4'4 J - NI26	002009	T!4 1-	W 100 (202)	C 0						
Latitude – N36.89398° Longitude – W-108.63926°														
				NAT	URE	OF RELI								
Type of Relea	ase – Gathe	ering Pipeline				Volume of Sulfide Pov	Release – None (wder)	(Iron	Volume F	Recovered -	None			
Source of Rel	ease – Hol	e in pipeline					our of Occurrence	ee –	Date and 6:00 PM	Hour of Dis	covery	- 7/6/15 at		
Was Immedia	ate Notice (Whom? Cory Sn	nith	0.00 1 101					
			Yes	No Not Re	equired			7347.0						
By Whom? Jo Was a Watero		-110				Date and Hour – 7/7/15 at 4:00 pm If YES, Volume Impacting the Watercourse.								
was a watero	course Rea	ched?	Yes 🗵	No		II YES, VO	nume impacting t	ne wate	ercourse.	205	P			
If a Watercou	rce was Im	nacted Descr	ihe Fully	*	-0	L CONS.	DIV DIST. 3			C.,				
None	ise was iii	ipacica, Desci	ioe i uny.								TT			
						JUL 2	4 2015			22				

Describe Cau	se of Probl	lem and Reme	dial Actio	n Taken.*						U				
Following dis	scovery of	the leak a crev	w was disp	patched to prompt										
				have iron sulfid										
				ntal damage. Al has been complete										
to determine			samping	nas been complete	d on the	excavated st	on and spot samp	inig nas	also occii i	completed o	ii tiic c	Acavatcu area		
		and Cleanup		ken.* e contaminated so	vil that h	as been prom	ently excavated for	or remed	diation and	disposal Al	ll soil c	containing the		
				ally excavated. Co										
				ine cleanup levels		1 0	•							
I haraby aarti	fy that the	information a	iven abov	e is true and comp	lete to th	a best of my	knowledge and u	ndereta	nd that purs	ruant to NM	OCD r	ules and		
				nd/or file certain r										
				ce of a C-141 repo										
				v investigate and r										
		addition, NMO ws and/or reg		otance of a C-141	report d	oes not reliev	e the operator of	respons	ibility for c	ompliance v	ith any	other		
rederal, state,	or local la	/ / / / / / /	uiations.				OIL CON	SERV	ATION	DIVISIO	N			
	OIL CONSERVATION DIVISION									1/				
Signature:	ignature:									· V				
Printed Name	Printed Name: Approved by Environmental Specialist:										W'			
Title: ES&H	specialist !	II				Approval Da	e: 4/3/19	5	Expiration	Date:				
E-mail Addre	ess: joshua	tuttle@cci.co	m			Conditions of	Approval:							
	3	0								Attached				

* Attach Additional Sheets If Necessary

Phone: (435) 686 – 7610

Date: 7/16/2015

Take At A Missimum atom Sultid Si: 1 Sangle At Base.

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

State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011

Form C-141

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Sant	a Fe, NM 87505	5	Sa	ınta Fe	e, NM 875	05							
Release Notification and Corrective Action														
						OPERA'	ΓOR		al Report					
Name of Co	mpany Co	CI San Juan 1	LLC			Contact Ry			пинтероге					
Address						Telephone N								
Facility Nar	ne Horses	hoe Gallup C	Gathering	Line		Facility Typ								
C . C . O				NC 10				ADIN						
Surface Owner Mineral Owner API No.														
Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County									1					
Unit Letter A	Section 34	Township T31N	Range 16W	Feet from the	North/	South Line	Feet from the	County San Juan						
Latitude 36.856 Longitude -108.5165														
NATURE OF RELEASE														
Type of Relea							Release 150-250		Recovered 0					
Source of Re	lease 16" H	Iorseshoe Gall	up Gather	ring line		Date and F 8/14 at 7:4	lour of Occurrenc 5 pm	Date and 1:03am	Hour of Discovery 8/14 at					
Was Immedia	ate Notice (Yes 🗵	No □ Not Re	equired	If YES, To Brandon P								
By Whom? Josh Tuttle Date and Hour														
							If YES, Volume Impacting the Watercourse.							
ii a watercot	iise was iiii	ipacicu, Desci	ibe runy.						ROWN SEP 4 11/1					
									BIL COMS. DIM.					
									nict s					
Describe Cau	se of Probl	em and Reme	dial Actio	n Taken.*					has define in the first					
									isolated. The process was					
remediation p	olan has bee	en submitted f	or approv	al.		,	•							
Describe Are	a Affected	and Cleanup A	Action Tal	ken.*										
A hala in the	amazınd vi	a a magult of th	a nina dau	maga fallawing a	0000000	ount of hydra	and and analysis of the	the South and W	act. A beauty main ayant commissed a					
portion of the	ground wa	itional 300 vai	ds down	the wash before di	ssipatin	g into drver s	oils. All soil cont	aining the discharg	est. A heavy rain event carried a ed fluids are being horizontally					
				posal. A sample a										
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														
or the environ	nment. In a	addition, NMC	OCD accep						r, surface water, human health ompliance with any other					
federal, state,	or local la	ws and/or regu	ilations.				OIL CON	SEDVATION	DIVISION					
Signature: OIL CONSERVATION DIVISION								DIVISION						
Printed Name	e: Ryan Kel	lly		(1)		Approved by	Environmental S	pecialist:	& Yin					
Title: Associa						Approval Da	e: 8/3/12	Expiration	Date:					
E-mail Addre	ess: ryan.ke	lly@cci.com				Conditions of Approval:								

* Attach Additional Sheets If Necessary

Date: August 26, 2014

#NCS 1521539662

1