Form C-141

Closure LCR0-190816-C-1410

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.11 NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
☑ Description of remediation activities
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.
Printed Name: Dean Ericson Title: Sr. Environmental Specialist
Signature: Nace M. Caran Bate: 8/15/2019
email: dean.ericson@energytranfer.com Telephone: 817-302-9753
OCD Only
Received by: Victoria Venegas Date: 08/16/2019
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and ar regulations.
Closure Approved by: Date: 11/18/2019
Printed Name: Victoria Venegas Title: Engineering Tech. III



Incident ID	nCH1831954977
District RP	1RP-5265
Facility ID	fCH1831949029
Application ID	pCH1831956246

Dylan Rose-Coss

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

1625 French Drive

Hobbs, NM 88240

Re: **Remediation Summary and Closure Report**

Site Name: 2B Pipeline

GPS: Latitude: 32.16947 Longitude: -103.20493

Legals: UL N, Sec. 31, T24S, R37E

Lea County, New Mexico

NMOCD Ref. No. 1RP-5265

and Closure Report for the Release Site known as the 2B Pipeline. Details of the release are summarized on the table below: Lowry Environmental & Associates, LLC (LEA), on behalf of ETC Texas Pipeline, Ltd., has prepared this Remediation Summary

	Nature and Volume of Release	ime of Release	
Date Release Discovered	10/26/2018	Source of Release	Pipeline
Type of Release Produce	Produced Water, Condensate & Natural Gas	Volume Released	27.54 bbls PW, 3.06 bbs Condensate, 187.59 McF Gas
		Volume Recovered	None
Cause of Release			
The release was attributed to a	The release was attributed to a crack in the 4-Inch poly Pipeline.		
Affected Area			
Fluid from the release mixed wi	Fluid from the release mixed with rainwater and affected an area measuring approximately 7,500 sq. t. within the	suring approximately 7,!	500 sq. t. within the pipeline right-of-way.
Overspray from the release affe	Overspray from the release affected an area within the adjacent pasture measuring approximately 5,000 sq. ft.	re measuring approxima	ately 5,000 sq. ft.
Was this a major release?	If YES, for what reasons (s) is this considered a major release?	sidered a major release	ż
Yes	Unathorized rel	Unathorized release of a volume of liquids exceeding 25 bbls.	ids exceeding 25 bbls.
If Yes, was immediate notice gi	If Yes, was immediate notice given to the OCD? By whom? To whom? When and by what means?	? When and by what m	eans?

much liquid was released. No, immediate notive was not given due to excessive rainfall at the release site, which hindered the determineation of approximately how

A copy of the Release Notification (NMOCD Form C-141) is provided as Attachment #8

	Facility ID	District RP	Incident ID
pCH1831956246	fCH1831949029	1RP-5265	nCH1831954977

Site Assessment/Characterization	
50 Statis the shallowest depth to groundwater beneath the area affected by the release?	50-100 Ft.
	No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other	2
significant watercourse?	Š
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from	2
the ordinary high-water mark)?	20
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital,	2
institution, or church?	Z
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water	2
well used by less than five households for domestic or stock watering purposes?	20
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	N _o
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	No
Are the lateral extents of the release within 300 feet of a wetland?	N _o
Are the lateral extents of the release overlying a subsurface mine?	No
Are the lateral extents of the release overlying an unstable area such as karst geology?	No
Are the lateral extents of the release within a 100-year floodplain?	No
Did the release impact areas not on an exploration, development, production or storage site?	Yes

the presence of 1 water well (CP00549) within 1,000 ft. of the site. A field survey indicated available geographic information Site and identify any registered water wells within a 1/2 Mile radius of the Site. A search of the NMOSE database suggested Geological Survey was conducted in an effort to determine the average depth to groundwater within a 1 Mile radius of the A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States identify any water wells within a 1/2 Mile radius. for CP00549 is outdated and/or incorrect; there is no water well in that vicinity. A serach of the USGS database did not

Closure Criteria for the Site is as follows: Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD

-	Chloride 10000 m
100	Combined GRO and DRO
2500 mg/kg	Total Petroleum Hydrocarbons 2500 m
	Benzene, Toluene, Ethylbenzene and Total Xylenes (BTEX)
/kg	Benzene
by a Release	Closure Criteria for Soil Impacted by a Release

groundwater information is provided as Attachment #4. A Photographic Log is provided as Attachment #7 NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2. Depth to

Incident ID r	nCH1831954977
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Facility ID	СН1831949029
Application ID	рСН1831956246

INITIAL SITE ASSESSMENT

the NMOCD Closure Criteria in each of the submitted soil samples with the exception of V1 1", which exhibited a combined to characterize impacts from the release. The collected soil samples were submitted to an NMOCD-approved laboratory for On November 2, 2018, four (4) soil sampels (V1 1", V2 6", V3 8" and V4 1') were collected from the affected area in an effort GRO and DRO concentration of 12,668 mg/kg and a TPH concentration of 14,898 mg/kg. analysis of BTEX, TPH and chloride. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below

point V1. The collected soil sampels were submitted to the laboratory for analysis of BTEX, TPH and chloride. Laboratory addition, one (1) soil sample (V1b @ 4'-R) was collected from beneath the release point in the area characterized by sample collected from the inferred edges of the affected area in an effort to determine the horizontal extent of soil ipmact. In 1 @ 6", NH-1 @ 2', WH-1 @ 6", WH-1 @ 2', SH-1 @ 6", SH-1 @ 2', EH-1 @ 6", EH-1 @ 2', EH-2 @ 6", and EH-2 @ 2') were On December 12, 2018, LEA conducted an initial site assessment. During the initial site assessment, ten (10) soil samples (NHsubmitted soil samples. analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the

A table summarizing laboratory analytical results from soil samples collected during the initial site assessment is provided

10,000	2,500		1,000		1	50	10		riteria	Closure Criteria	
16.0	232.2	15.8	216	204	12.4	0.364	<0.050	In-Situ	4'	12/12/18	V1-1b @ 4'R
<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	Surf.	12/12/18	EH-2 @ 2'
32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	1'	12/12/18	EH-2 @ 6"
64.0	242	53.2	189	189	<10.0	<0.300	<0.050	Excavated	Surf.	12/12/18	EH-1 @ 2'
80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	Excavated	6"	12/12/18	EH-1 @ 6"
<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	2'	12/12/18	SH-1 @ 2'
16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	6"	12/12/18	SH-1 @ 6"
<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	2'	12/12/18	WH-1 @ 2'
16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	6"	12/12/18	WH-1 @ 6"
16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	2'	12/12/18	NH-1 @ 2'
32.0	23.3	<10.0	23.3	23.3	<10.0	<0.300	<0.050	In-Situ	6"	12/12/18	NH-1 @ 6"
32.0	963	185	778	778	<10.0	<0.300	<0.050	Excavated	1'	11/2/18	V4 1'
32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	Excavated	<u>∞</u>	11/2/18	V3 8"
32.0	112	39.5	72.5	72.5	<10.0	<0.300	<0.050	Excavated	6"	11/2/18	V2 6"
608	14,898	2,230	12,668	12,000	668	22.2	<0.200	Excavated	1"	11/2/18	V1 1"
Chloride (mg/kg)	TPH $C_6\text{-}C_{36}$ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	$\begin{array}{c} GRO + DRO \\ C_6\text{-}C_{28} \\ (mg/kg) \end{array}$	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)	Soil Status	Depth	Date	Sample ID
4500Cl		xt.	SW 846 8015M Ext	VS		8021B	SW 846 8021B				
		essment	Concentrations of BTEX, TPH and/or Chloride in Soil - Initial Assessmen	e in Soil -	or Chlorid	TPH and/	s of BTEX,	entrations	Conc		

profile observations are provided on Attachment #5. Laboratory analytical reports are provided as Attachment #6. A "Site & Sample Location Map" is provided as Attachment #3. Field Data, if applicable, is provided as Attachment #9. Soil

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PROPOSED REMEDIATION PLAN

Ft. instead of 8 in. and that an additional sample be collected in between sample V2 6" and EH-1. condition that the area around V3 be expanded to include the area around V4 1' and EH-1, the depth of the excavation be 1 approved closure. The Site Assessment Report and Proposed Soil Remediation Plan was subsequently approved with field activities conducted to date and proposing remediation activities designed to advance the Site toward an NMOCD-On January 4, 2019, a Site Assessment Report and Proposed Soil Remediation Plan was submitted to the NMOCD detailing

REMEDIATION ACTIVITIES SUMMARY

impacted soil within the area characterized by sample point V-1 and V-1b was excavated to a depth of 4 Ft bgs, impacted soil analytical results, additional excavation would be required. concentrations exceeded the NMOCD Closure Criteria in ten (10) of the submitted soil samples. Based on laboratory analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated GRO+DRO and/or TPH floor and sidewalls of the excavated area. The collected soil samples were submitted to an NMOCD-approved laboratory for #5, Floor #6, Floor #7, Floor #8, Floor #9, Floor #10, Floor #11 @ 4', Floor #11 Stain, NSWa, ESWa, SSWa and WSWa) from the NSW #5, SSW #1, SSW #2, SSW #3, SSW #4, SSW #5, SWS #1, ESW #1, V2-EH @ 1', Floor #1, Floor #2, Floor #3, Floor #4, Floor release margins, LEA collected twenty-nine (29) excavation confirmation soil samples (NSW #1, NSW #2, NSW #3, NSW #4, until field observations suggested hydrocarbon impacts had been mitigated. Upon excavating impacted soil from within the characterized by sample points V3, EH-1 and V4 1' was excavated to a depth of 1 Ft. bgs. Excavation sidewalls were advanced within the area characterized by sample point V2 was excavated to a depth of 6 in bgs and impacted soil in the area On July 10, 2019, remediation activities commenced at the Site. In accordance with the approved Soil Remediation Plan,

approved laboratory for analysis of TPH and/or chloride concentrations. Laboratory analytical results indicated TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples. were collected from the floor and sidewalls of the excavated area. The collected soil samples were submitted to an NMOCD-FL #11 B, NSW C, ESW C, FL #6 B, FL #5 B, NSW #3 B, FL #4 B, SSW #3 B, NSW #2 B, FL #3 B, FL #2 B, NSW #1 B, and FL #1 B) one (21) excavation confirmation soil samples (WSW B, WSW #1 B, FL #11 Stain B, SSW B, FI #7 B, FL #8 B, FL #9 B, FL #10 B, transported to an NMOCD-approved disposal facility. Upon excavating impacted soil from within the release margins, twenty. excavated area affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and On July 30, 2019, excavation activities resumed at the Site. Impacted soil present within the floor and sidewalls of the

summarizing laboratory analytical results from confirmation soil samples is provided on the following page: profile observations are provided on Attachment #5. Laboratory analytical reports are provided as Attachment #6. A table A "Site & Sample Location Map" is provided as Attachment #3. Field Data, if applicable, is provided as Attachment #9. Soil

Soli Satut	10,000	2,500		T,000		•	50	OT		iteria	Closure Criteria	Ē
Depth Self Status Senemen Self Status Self Sta	'	<10.0	<10.0	<10.0	<10.0	<10.0			In-Situ	6	7/29/19	FL #11 Stain B
		307.3	63.3	244	244	<10.0			In-Situ	6'	7/29/19	FL #11 B
Depth Soliton Solito		<10.0	<10.0	<10.0	<10.0	<10.0			ln-Situ	1'	7/29/19	FL #10 B
Depth Solit Soli		<10.0	<10.0	<10.0	<10.0	<10.0			In-Situ	1'	7/29/19	FL #9 B
Dept Self-succent Self-succen	16.0	<10.0	<10.0	<10.0	<10.0	<10.0		,	ln-Situ	1'	7/29/19	FL #8 B
Date Day		<10.0	<10.0	<10.0	<10.0	<10.0			In-Situ	1'-2'	7/29/19	FL #7 B
Date Day Da		<10.0	<10.0	<10.0	<10.0	<10.0	<u>'</u>		ln-Situ	1-	7/29/19	FL #6 B
Date Day	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0			In-Situ	1'-2'	7/29/19	FL #5 B
Date Day Substate Substat	'	<10.0	<10.0	<10.0	<10.0	<10.0	<u>.</u>		In-Situ	1'-2'	7/29/19	FL #4 B
Date Depth Self Status Benneme STLY Company Status Benneme STLY Company Status		<10.0	<10.0	<10.0	<10.0	<10.0	·		In-Situ	2'	7/29/19	FL #3 B
Date Depth Self Status Bename Ext Confirmation Self Status Bename Ext Confirmation Self Status Confirmation Con		11.0	<10.0	11.0	11.0	×10.0			in-Situ	ا د	7/29/19	El #3 B
Date Day Da		\$10.0	×10.0	×10.0	\$10.0	\$10.0			in-Situ	2- G	7/29/19	SSW B
Date Depth Sol Serius Series Sol Serius Cercia, Carcia Carcia Cercia		×10.0	<10.0	<10.0	×10.0	×10.0		,	in-Situ	1 -6	7/29/19	ESW C
Part Depth Soli Satus Beta Beta Conference		<10.0	<10.0	<10.0	<10.0	<10.0			In-Situ	1'-6'	7/29/19	NSW C
Date Depth Soli Status Benzeric Ming/kej Confirmation Soli Confirmation Confir		<10.0	<10.0	<10.0	<10.0	<10.0			In-Situ	1'-6'	7/29/19	WSW B
Date Depth Soli Status Semanted Confirmation Confirmation Semanted Confirmation Confirmation Semanted Confirmation		<10.0	<10.0	<10.0	<10.0	<10.0	,		In-Situ	0-1'	7/29/19	WSW#1B
Date Depth		<10.0	<10.0	<10.0	<10.0	<10.0			ln-Situ	0-2'	7/29/19	SSW #3 B
Date Depth		<10.0	<10.0	<10.0	<10.0	<10.0			In-Situ	0-2'	7/29/19	NSW #3 B
Date Depth		<10.0	<10.0	<10.0	<10.0	<10.0		,	In-Situ	0-2'	7/29/19	NSW #2 B
Date Depth		<10.0	<10.0	<10.0	<10.0	<10.0		,	In-Situ	0-2'	7/29/19	NSW #1 B
Date Depth	176	3,496.1	1,963	1,533.1	1,520	13.1	<0.300	<0.050	Excavated	6"-4'	7/12/19	WSW a
Date Depth	336	1,541	842	699	699	<10.0	<0.300	<0.050	Excavated	6"-4'	7/12/19	SSW a
Date Depth Soil Satus Berzane GRO Cav-Cay Cay-Cay	64.0	3,344.3	1,796	1,548.3	1,520	28.3	<0.300	<0.050	Excavated	6"-4"	7/12/19	ESW a
Date Depth Soil Status BTEX, TPH and/or Chloride In Soil - Confirmation Sample Soil Status Benzene BTEX Cerc	160	718.5	389	329.5	316.0	13.5	<0.300	<0.050	Excavated	6"-4'	7/12/19	NSW a
Date Depth Soil Status Benzene BTEX CHORING CHCkg CHCk	<16.0	27,032	14,961	12,071	11,500	571	4.09	<0.050	Excavated	4	7/12/19	Floor #11 Stain
Date Depth Soil Satus Benzene Mayor	192	12,239.8	6,900	5,339.8	5,260	79.8	0.935	<0.050	Excavated	4	7/12/19	Floor #11 @ 4'
Date Depth Soil Status Benzene May 2019 C40.0 C4	112	6,421.1	3,605	2,816.1	2,780	36.1	0.514	<0.050	Excavated	6 .	7/12/19	Floor #10
Date Depth Soil Status File Co-Case	112	11.380	6.580	4.800	4.800	<10.0	<0.300	<0.050	Excavated	6 (7/12/19	Floor #9
Date Depth Soil Status File Mile	1.360	2.110	1.237	873	873	<10.0	<0.300	<0.050	Excavated	6	7/12/19	Floor #8
Date Date Depth Date Depth Date Depth Date Depth Date Depth Date Depth Dep	128	1.542	934	808 To5	808	<10.0	<0.300	<0.050	Excavated	6 <u>-</u> ⊢	7/12/19	Floor #7
Date Depth	346	400	343	165	155	10.0	6.300	0.00	Excavated	<u>,</u> +	7/12/12	100 #5
Date Depth Soil Status Excavated Co.050 Co.05	928	7,000	398	190	190	<10.0	<0.300 200	<0.050	Excavated	<u>-</u>	7/12/19	Floor #5
Date Depth Soil Status Renzene T/12/19 O-1' Excavated C-0.050 C-0.300 C-1.00 C-1	357	1.866	1.102	764	764	<10.0	<0.300	<0.050	Excavated	- <u>-</u>	7/12/19	Floor #4
Date Depth Soil Status Benzene Meg/kg) O-1' Excavated O-050 O-0300 O-0300 O-100	32.0	3,422	1,982	1,440	1,440	×10.0	<0.300	<0.050	Excavated	<u>-</u>	7/12/19	Floor #2
Date Depth	144	521	314	207.0	207.0	<10.0	<0.300	<0.050	Excavated	<u>.</u>	7/12/19	Floor #1
Date Date Depth Soil Status REEX C _G -C ₁₀ C _G -C _{2s} C _G -C _{2s}	32.0	3,556	2,136	1,420	1,420	<10.0	<0.300	<0.050	Excavated	12	7/12/19	V1-EH @ 1'
Date Depth	<16.0	164.4	95.8	68.6	68.6	<10.0	<0.300	<0.050	Excavated	0-1'	7/12/19	ESW #1
Date Depth	<16.0	235.1	145	90.1	90.1	<10.0	<0.300	<0.050	Excavated	0-6"	7/12/19	WSW #1
Date Depth	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	0-6"	7/12/19	SSW #5
Date Depth	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	ln-Situ	0-1'	7/12/19	SSW #4
Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples	240	972.0	579	393	393	<10.0	<0.300	<0.050	Excavated	0-1'	7/12/19	SSW #3
Date Depth	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	ln-Situ	0-1	7/12/19	SSW #2
Date Depth	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	ln-Situ	0-1	7/12/19	SSW #1
Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples SW 846 8021B SW 846 8015M Ext. SW 846 8021B SW 846 8015M Ext.	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050	In-Situ	0-1 ⁻	7/12/19	NSW #5
Date Depth	352	148.5	39.5 17.3	25 3 109	35 3 FUI	<10.0	<0.300	<0.050	ln_Situ	0-1	7/12/19	NSW #3
Date Depth Soil Status	252	140 -	30.7	100	100	10.0	0.500	70.000	Excavated	2 4	7/12/10	NSW #2
Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples SW 846 8021B SW 846 8015M Ext. SW 846 8015M Ext. SW 846 8015M Ext. TPH	<16.0	6,556.7	1,290	5,266.7	5,190.0	76.7	0.609	<0.050	Excavated	0-1	7/12/19	NSW #1
Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples SW 846 8021B SW 846 8015M Ext. SW 846 8021B SW 846 8021B SW 846 8021B SW 846 8021B SW 846 8015M Ext. SW 846 8015M		(118/18/	(1116/146)	(1118/18)	(118/18)	(1118/18/1				2	7/40/40	
Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples SW 846 8015M Ext. Date Depth Soil Status Renzenc RTEY GRO DRO GRO+DRO ORO TPH	(mg/kg)	C ₆ -C ₃₆	C ₂₈ -C ₃₆	C ₆ -C ₂₈	C ₁₀ -C ₂₈	C ₆ -C ₁₀	(mg/kg)	(mg/kg)			!	
	Chlorida	TPH	ORO	GRO + DRO	DRO	GRO	RTFY	Renzene	Soil Status		Date	Sample ID
Concentrations of BTEX, TPH and/or Chloride in Soil - Confirmation Samples	4500 CI		xt.	/ 846 8015M E	MS		8021B	SW 846				
		J,	n Samples	nfirmation	n Soil - Co	Chloride i	H and/or	F BTEX, TP	trations of	oncen		

Incident ID	nCH1831954977
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Application ID	pCH1831956246

SITE RESTORATION AND RE-VEGETATION PLAN

compacted to achieve erosion control, stability and preservation of surface water flow, to the extent practicable. Areas affected by remediation activities will be reseeded with a NMSLO-approved seed mixture during the first favorable growing sourced, non-impacted "like" material placed at or near original relative positions. The affected area was contoured and/or Upon receiving laboratory analytical results from confirmation soil samples, the excavated areas were backfilled with locally season following closure of the site.

CLOSURE REQUEST

characterized by sample point SP1 were approximately 130 ft. in length, 20 to 45 Ft. in width and 2 Ft. to 6 Ft. in depth the excavated were 350 Ft. in length, 90 ft. in width and 1 ft. in depth. The final dimensions of the excavated area yards of impacted soil was transported to an NMOCD-approved facility for disposal. Prior to backfill, the final dimensions of were backfilled with locally sourced, non-impacted "like' material. Between July 10, and 31, 2019, approximately 504 cubic approved disposal facility. Upon receiving laboratory analytical results from confirmation soil samples, the excavated areas affected above the NMOCD Reclamation Standard present within the top 4 Ft. was excavated and transported to an NMOCDabove the NMOCD Closure Criteria was excavated and transported to an NMOCD-approved disposal facility; impacted soil Remediation activities were conducted in accordance with an approved Proposed Remediation Plan. Impacted soil affected

phone or email. If you have any questions, or need any additional information, please feel free to contact Dean Ericson or the undersigned by

Respectfully,

Joel Jon

Joel W. Lowry

Environmental Professional

Lowry Environmental & Associates, LLC

Attachments: Attachment #1- Figure 1 - Topographic Map

Attachment #2- Figure 2 - Aerial Map

Attachment #3- Figure 3 - Site & Sample Location Map

Attachment #4- Depth to Groundwater Information

Attachment #5- Soil Profile

Attachment #6- Laboratory Analytical Reports

Attachment #7- Photographic Log

Attachment #8- Release Notification (FORM C-141)

Attachment #9- Field Data

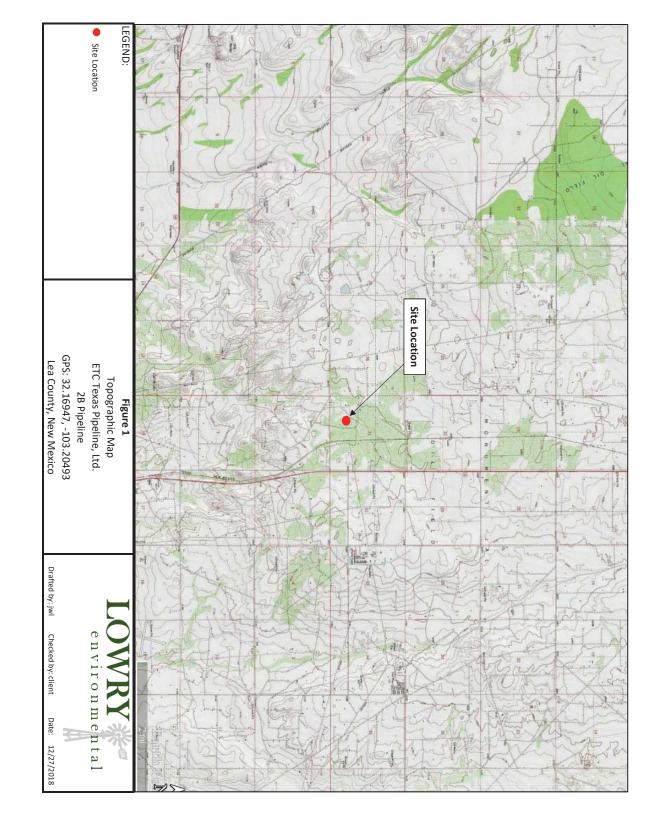
LIMITATIONS

This document has been prepared on behalf of ETC Texas Pipeline, Ltd.. Use of information contained in this report, including exhibits and attachments, by any other party without the consent of LEA and/or ETC Texas Pipeline, Ltd. is prohibited.

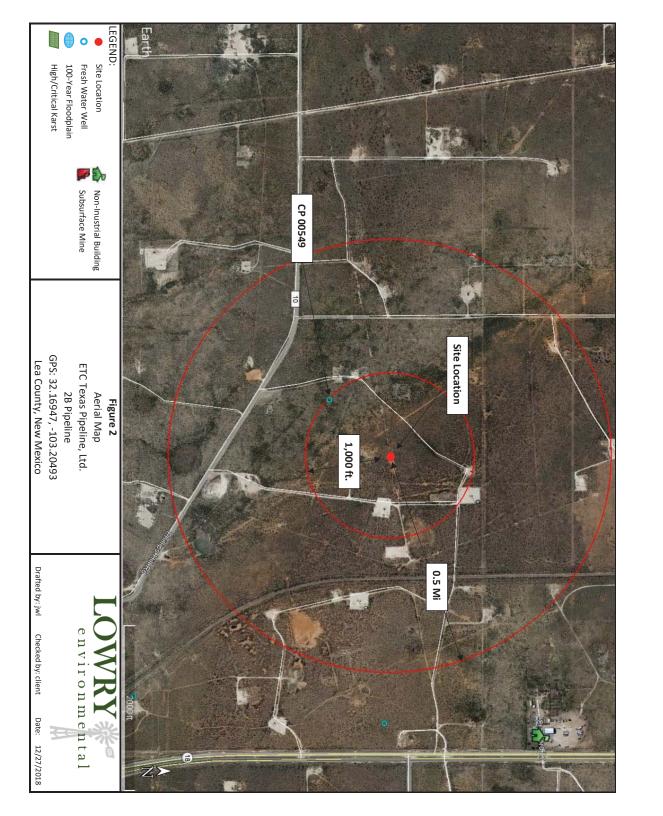
that the conclusions and recommendations are only applicable to the facts and conditions as described at the time this environmental professionals. LEA notes that the facts and conditions referenced in this document may change over time and This document has been prepared in a professional manner, using the degree of skill and care exercised by similar

LEA has prepared this report to the best of its ability. No other warranty, expressed or implied, is made or intended

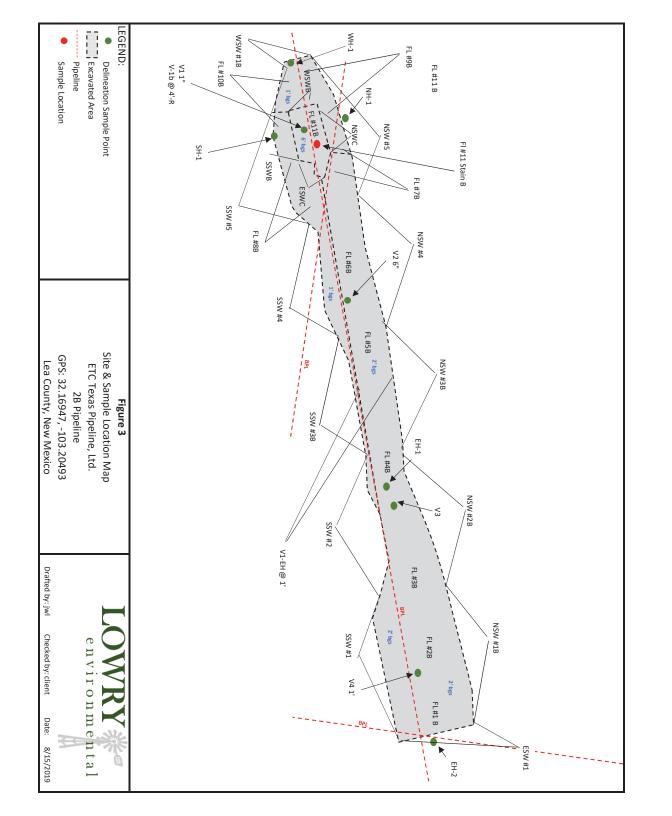
ATTACHMENT #1 Figure 1 - Topographic Map



ATTACHMENT #2 Figure 2 - Aerial Map

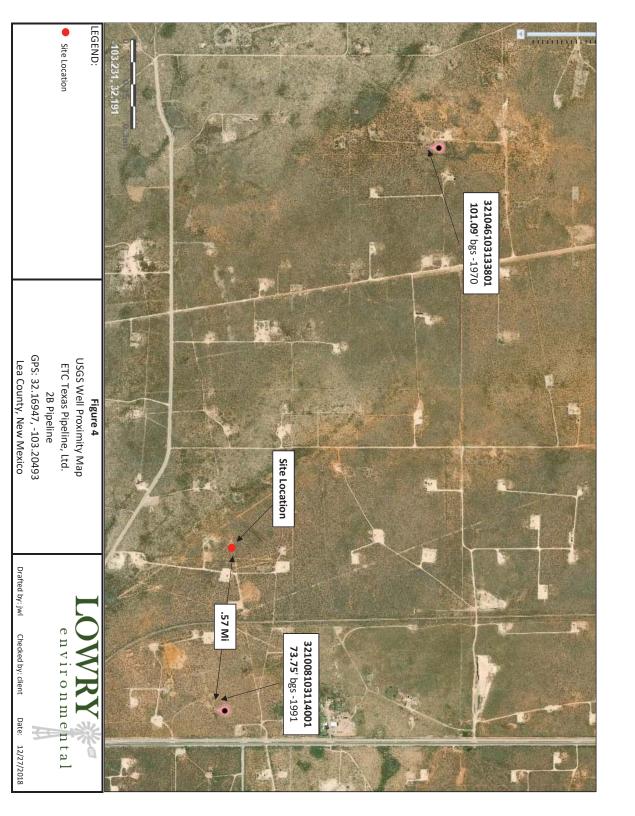


ATTACHMENT #3
Figure 3 - Site & Sample Location Map



ATTACHMENT #4

Depth to Groundwater Information





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, closed) C=the file is

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number CP 00549 POD1 CP 00846 POD1 CP 00494 POD1 Code Sub- Q Q Q Q basin County 64 16 4 S CP XX 4 3 3 POD CP CP E E 2 4 4 4 2 Sec 90 31 **Tws** 24S 25S 24S 37E **Rng** 37E 37E 670154 670239 **X** 669051 3559725* = 3560628* 3560409* DistanceDepthWellDepthWater Column 1278 985 301 500 600

Average Depth to Water:

Minimum Depth:

Maximum Depth:

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 669253.4 Northing (Y): 3560632.3 Radius: 1608

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/6/18 4:11 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



National Water Information System: Web Interface

AACIC	IISGS Water Resources
Groundwater ~	Data Category:
United States ~	Geographic Area:
GO	

Click to hideNews Bulletins

- Please see news on new formats
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

site_no list =

321008103114001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

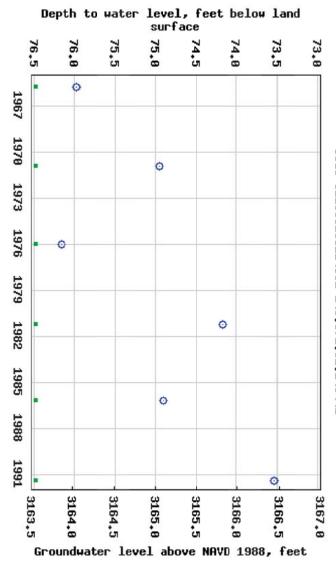
USGS 321008103114001 24S.37E.31.243442

Available data for this site	Available data for this site Groundwater: Field measurements GO	0
Lea County, New Mexico Hydrologic Unit Code 13070007	0007	
Latitude 32°10'08", Longitude 103°11'40" NAD27	.ude 103°11'40" NAD27	
Land-surface elevation 3,240 feet above NAVD88	40 feet above NAVD88	
The depth of the well is 100 feet below land surface.	0 feet below land surface.	
This well is completed in th	This well is completed in the Ogallala Formation (1210GLL) local aquifer.	cal aquifer.
	Output formats	
Table of data		
Tab-separated data		

Graph of data

Reselect period

USGS 321008103114001 245.37E.31.243442



Period of approved data

measurements. Breaks in the plot represent a gap of at least one year between field

Download a presentation-quality graph

Feedback on this web site <u>Questions about sites/data?</u>

Automated retrievals

Help

D<u>ata Tips</u>

Explanation of terms

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U.S. Department of the Interior | U.S. Geological Survey

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels? Title: Groundwater for USA: Water Levels

Page Contact Information: <u>USGS Water Data Support Team</u>
Page Last Modified: 2018-12-06 18:07:52 EST

1.07 0.98 nadww01







National Water Information System: Web Interface

	IISGS Water Resources
Groundwater ~	Data Category:
United States	Geographic Area:
GO	

Click to hideNews Bulletins

- Please see news on new formats
- Full News

Groundwater levels for the Nation

Search Results --1 sites found

site_no list =

321046103133801

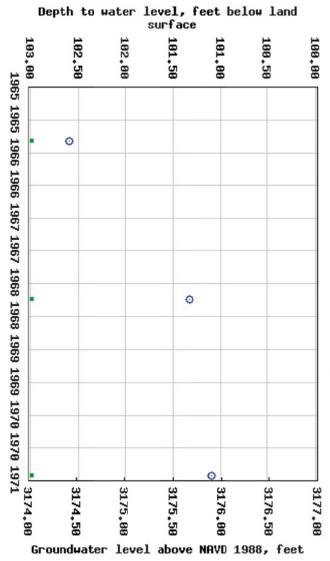
Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321046103133801 24S.36E.26.44223

Table of data
Tab-separated data
Graph of data
Reselect period

USGS 321046103133801 245.36E.26.44223



Period of approved data

measurements. Breaks in the plot represent a gap of at least one year between field

Download a presentation-quality graph

Feedback on this web site <u>Questions about sites/data?</u>

Automated retrievals

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U.S. Department of the Interior | U.S. Geological Survey

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels? Title: Groundwater for USA: Water Levels

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2018-12-06 18:08:47 EST

1.64 0.98 nadww01





Point of Diversion Summary New Mexico Office of the State Engineer

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)

(NAD83 UTM in meters)

Q64 Q16 Q4 Sec Tws Rng 4 3 3 31 24S 37E

Well Tag

CP 00549 POD1 **POD** Number

669051 3560409*

UNKNOWN

Driller License: 122 Driller Company:

Driller Name: COLE DRILLING COMPANY

Drill Start Date: Drill Finish Date: Plug Date:

Pump Type: Log File Date: Pipe Discharge Size: PCW Rcv Date: Source: Estimated Yield: Shallow

Casing Size: 10.75 Depth Well: 200 feet Depth Water:

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

12/6/18 4:18 PM

POINT OF DIVERSION SUMMARY

ATTACHMENT #5 Soil Profile

Site Name: 28 Pippling

Date: 12/12/18

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ATTACHMENT #6 Laboratory Analytical Reports



November 05, 2018

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2B

Enclosed are the results of analyses for samples received by the laboratory on 11/02/18 16:45.

www.tceq.texas.gov/field/qa/lab accred certif.html. an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)

Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices

chain-of-custody. If you have any questions concerning this report, please feel free to contact me. This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Fax To: ENERGY TRANSFER JAL NM, 88252 P. O. BOX 1226 DEAN ERICSON

Project Number: Project Name: Reported: Received: NONE GIVEN 11/05/2018 11/02/2018 Sample Received By: Sampling Condition: Sampling Type: Sampling Date: Celey D. Keene ** (See Notes) 11/02/2018

Project Location: 32.16947

ıω Sample ID: V1 1" (H803159-01)

Sample ID: VI I" (H8U3159-U1)									
BTEX 8021B	mg/kg	kg	Analyzed By: ms	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/05/2018	ND	2.47	124	2.00	1.90	
Toluene*	0.872	0.200	11/05/2018	ND	2.28	114	2.00	1.58	
Ethylbenzene*	5.51	0.200	11/05/2018	ND	2.17	109	2.00	1.79	
Total Xylenes*	15.8	0.600	11/05/2018	ND	6.67	111	6.00	0.628	
Total BTEX	22.2	1.20	11/05/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	134 %	% 69.8-142	2						
Chloride, SM4500Cl-B	mg/kg	'kg	Analyzed By: AC	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/05/2018	ND	416	104	400	0.00	
TPH 8015M	mg/kg	'kg	Analyzed By: MS	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	668	50.0	11/03/2018	ND	218	109	200	8.04	
DRO >C10-C28*	12000	50.0	11/03/2018	ND	224	112	200	4.73	
EXT DR0 >C28-C36	2230	50.0	11/03/2018	ND					
Surrogate: 1-Chlorooctane	139 %	% 41-142							

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

294 %

37.6-147

*=Accredited Analyte

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ENERGY TRANSFER DEAN ERICSON

Project Name: Project Number: Reported: Received: NONE GIVEN 11/05/2018 11/02/2018 Fax To: JAL NM, 88252 P. O. BOX 1226

Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Celey D. Keene ** (See Notes) 11/02/2018

Sample ID: V2 6" (H803159-02)

Project Location:

32.16947

Jampic 10: 41 0 (1100010) 01)	٠								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2018	ND	2.47	124	2.00	1.90	
Toluene*	<0.050	0.050	11/05/2018	ND	2.28	114	2.00	1.58	
Ethylbenzene*	<0.050	0.050	11/05/2018	ND	2.17	109	2.00	1.79	
Total Xylenes*	<0.150	0.150	11/05/2018	ND	6.67	111	6.00	0.628	
Total BTEX	<0.300	0.300	11/05/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 69.8-142							
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/05/2018	ND	416	104	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2018	ND	218	109	200	8.04	
DRO >C10-C28*	72.5	10.0	11/03/2018	ND	224	112	200	4.73	
EXT DR0 >C28-C36	39.5	10.0	11/03/2018	ND					
Surrogate: 1-Chlorooctane	104 %	6 41-142							
Surrogate: 1-Chlorooctadecane	103 %	6 37.6-147	7						

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ENERGY TRANSFER JAL NM, 88252 P. O. BOX 1226 DEAN ERICSON

Project Name: Project Number: Reported: Received: NONE GIVEN 11/05/2018 11/02/2018 Fax To: Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Project Location: 32.16947

> Celey D. Keene ** (See Notes)

11/02/2018

Sample ID: V3 8" (H803159-03)

BTEX 8021B	mg/kg	G .	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2018	ND	2.47	124	2.00	1.90	
Toluene*	<0.050	0.050	11/05/2018	ND	2.28	114	2.00	1.58	
Ethylbenzene*	<0.050	0.050	11/05/2018	ND	2.17	109	2.00	1.79	
Total Xylenes*	<0.150	0.150	11/05/2018	ND	6.67	111	6.00	0.628	
Total BTEX	<0.300	0.300	11/05/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.8-142							
Chloride, SM4500CI-B	mg/kg	g	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/05/2018	ND	416	104	400	0.00	
TPH 8015M	mg/kg	g	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2018	ND	218	109	200	8.04	
DRO >C10-C28*	<10.0	10.0	11/03/2018	ND	224	112	200	4.73	
EXT DRO >C28-C36	<10.0	10.0	11/03/2018	ND					
Surrogate: 1-Chlorooctane	94.5 %	41-142							
Surrogate: 1-Chlorooctadecane	88.5 %	37.6-147	7						

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ENERGY TRANSFER P. O. BOX 1226 DEAN ERICSON

Project Name: Project Number: Reported: Received: NONE GIVEN 11/05/2018 11/02/2018 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Project Location:

32.16947

Celey D. Keene ** (See Notes) 11/02/2018

Sample ID: V4 1' (H803159-04)

Sample ID: VT I (11803ISS-04)									
BTEX 8021B	mg/kg	ģ	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/05/2018	ND	2.47	124	2.00	1.90	
Toluene*	<0.050	0.050	11/05/2018	ND	2.28	114	2.00	1.58	
Ethylbenzene*	<0.050	0.050	11/05/2018	ND	2.17	109	2.00	1.79	
Total Xylenes*	<0.150	0.150	11/05/2018	ND	6.67	111	6.00	0.628	
Total BTEX	<0.300	0.300	11/05/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.8-142							
Chloride, SM4500CI-B	mg/kg	ğ	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/05/2018	ND	416	104	400	0.00	
TPH 8015M	mg/kg	ģ	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/03/2018	ND	218	109	200	8.04	
DRO >C10-C28*	778	10.0	11/03/2018	ND	224	112	200	4.73	
EXT DRO >C28-C36	185	10.0	11/03/2018	ND					
Surrogate: 1-Chlorooctane	103 %	41-142							
Surrogate: 1-Chlorooctadecane	134 %	37.6-147	7						

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Notes and Definitions

- S-06 matrix interference's. The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- ***
 Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, VM 88240

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December 13, 2018

JOEL LOWRY

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2B PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 12/12/18 15:35.

www.tceq.texas.gov/field/qa/lab accred certif.html. an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)

Method EPA 524.2 Total Trihalomethanes (TTHM) Regulated VOCs (V1, V2, V3)

Method EPA 524.4

Accreditation applies to public drinking water matrices

chain-of-custody. If you have any questions concerning this report, please feel free to contact me. This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



ENERGY TRANSFER JAL NM, 88252 P. O. BOX 1226 JOEL LOWRY

Project Location: Project Number: Project Name: Reported: Received: NONE GIVEN 12/13/2018 **2B PIPELINE** 12/12/2018 Fax To: Sample Received By: Sampling Condition: Sampling Type: Sampling Date:

Sample ID: NH - 1 @ 6" (H803639-01)

LEA COUNTY, NM

Tamara Oldaker Cool & Intact 12/12/2018

Sample ID: NH - I @ 6 (H8U3639-UI)								
mg/	kg	Analyzec	By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
<0.300	0.300	12/13/2018	ND					
102 %		9						
mg/	kg	Analyzec	By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	12/13/2018	ND	416	104	400	0.00	
mg/	kg	Analyzeo	By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	12/13/2018	ND	208	104	200	0.863	
23.3	10.0	12/13/2018	ND	216	108	200	1.87	
<10.0	10.0	12/13/2018	ND					
111 %								
132 %		7						
	mg/l Result <0.050 <0.050 <0.050 <0.150 <0.300 /0.300 /0.300 /0.300 mg/l Result 32.0 mg/l Result <110.0 /// // // // // // // // // // // //	Reporting 0.05 0.05 0.05 0.15 0.15 0.15 0.15 0.15	Reporting Limit Anal 0.050 12/13 0.050 12/13 0.050 12/13 0.050 12/13 0.050 12/13 0.150 12/13 0.300 12/13 16.0 12/13 16.0 12/13 16.0 12/13 10.0 12/13 10.0 12/13 10.0 12/13 86 41-142	Ikg Analyzed I Reporting Limit Analyzed 0.050 12/13/2018 0.050 12/13/2018 0.050 12/13/2018 0.150 12/13/2018 0.300 12/13/2018 0.300 12/13/2018 % 73.3-129 Ikg Analyzed I Reporting Limit Analyzed I Analyzed I Analyzed I 10.0 12/13/2018 10.0 12/13/2018 10.0 12/13/2018 10.0 12/13/2018 10.0 12/13/2018 10.0 12/13/2018 10.0 12/13/2018 10.0 12/13/2018 37.6-147 12/13/2018	Ikg Analyzed By: ms Reporting Limit Analyzed Method Blank 0.050 12/13/2018 ND 0.050 12/13/2018 ND 0.050 12/13/2018 ND 0.150 12/13/2018 ND 0.300 12/13/2018 ND 16.0 12/13/2018 ND 16.0 12/13/2018 ND Analyzed By: MS 10.0 12/13/2018 ND 37.6-147 12/13/2018 ND	Reporting Limit Analyzed Method Blank BS 0.050 12/13/2018 ND 2.41 0.050 12/13/2018 ND 2.35 0.050 12/13/2018 ND 2.29 0.150 12/13/2018 ND 6.93 0.300 12/13/2018 ND 6.93 % 73.3-129 Analyzed By: AC BS Reporting Limit Analyzed By: AC BS 16.0 12/13/2018 ND 416 Analyzed By: MS BS BS 10.0 12/13/2018 ND 208 10.0 12/13/2018 ND 216 37.6-147 37.6-147 37.6-147	Name Name	Reporting Limit Analyzed Method Blank BS % Recovery True Value QC

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: Reported: 12/13/2018 2B PIPELINE NONE GIVEN 12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Received:

Project Location:

LEA COUNTY, NM

Tamara Oldaker Cool & Intact 12/12/2018

Sample ID: NH - 1 @ 2' (H803639-02)	39-02)								
BTEX 8021B	mg/kg	kg .	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-129							
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	<10.0	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	93.5 %	6 41-142							
Surrogate: 1-Chlorooctadecane	86.1 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Fax To: JAL NM, 88252 P. O. BOX 1226

Project Location: Project Number: Project Name: Reported: Received: 12/13/2018 2B PIPELINE NONE GIVEN LEA COUNTY, NM 12/12/2018 Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker Cool & Intact 12/12/2018

Sample ID: WH - 1 @ 6" (H803639-03)

	,			i					
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-129							
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	<10.0	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	90.2 %	% 41-142							
Surrogate: 1-Chlorooctadecane	84.3 %	% 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Date:

Received:

Project Location: Project Number: Project Name: Reported: NONE GIVEN 2B PIPELINE LEA COUNTY, NM 12/13/2018 Sampling Type: Sample Received By: Sampling Condition:

> Tamara Oldaker Cool & Intact

12/12/2018

Sample ID: WH - 1 @ 2' (H803639-04)	39-04)								
BTEX 8021B	mg/kg	(g	Analyzed By: ms	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	73.3-129	0						
Chloride, SM4500CI-B	mg/kg	(g	Analyzed By: AC	l By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	(g	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	<10.0	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	95.1%	6 41-142							
Surrogate: 1-Chlorooctadecane	88.3 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

12/13/2018 2B PIPELINE 12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sampling Condition: Sampling Date:

Sample ID: SH - 1 @ 6" (H803639-05)

Project Name:

Reported: Received:

Project Location: Project Number:

NONE GIVEN LEA COUNTY, NM

Sample Received By:

Tamara Oldaker Cool & Intact 12/12/2018

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ENERGY TRANSFER

Fax To: JAL NM, 88252 P. O. BOX 1226 JOEL LOWRY

Project Name: Project Location: Project Number: Reported: Received: 12/13/2018 2B PIPELINE NONE GIVEN LEA COUNTY, NM 12/12/2018 Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker Cool & Intact 12/12/2018

Iω Sample ID: SH - 1 @ 2' (H803639-06)

Campic 15: On 1 @ 1 (1000000 00)	7,00								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 %	6 73.3-129	9						
Chloride, SM4500Cl-B	mg/kg	kg	Analyzed By: AC	l By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	l By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	<10.0	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	86.6%	% 41-142							
Surrogate: 1-Chlorooctadecane	85.6%	% 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: 12/13/2018 2B PIPELINE NONE GIVEN 12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: EH - 1 @ 6" (H803639-07)

Project Location:

LEA COUNTY, NM

Tamara Oldaker Cool & Intact 12/12/2018

Reported: Received:

BTEX 8021B	mg/kg	<u> </u>	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 73.3-129							
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	<10.0	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	89.3 %	6 41-142							
Surrogate: 1-Chlorooctadecane	87.8 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY P. O. BOX 1226 JAL NM, 88252

Project Name: Project Number: Reported: Received: 12/13/2018 2B PIPELINE NONE GIVEN 12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: EH - 1 @ 2' (H803639-08)

Project Location:

LEA COUNTY, NM

Cool & Intact Tamara Oldaker 12/12/2018

DTEV COOLS		ì	A						
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ev /em		Alialyzed by: Ilis	by. IIIs					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	73.3-129							
Chloride, SM4500CI-B	mg/kg	(g	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	ξg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	189	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	53.2	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	89.0 %	6 41-142							
Surrogate: 1-Chlorooctadecane	96.0 %	6 37.6-147	7						

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alex S. Freene



ENERGY TRANSFER

12/13/2018 2B PIPELINE 12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226 JOEL LOWRY

Sample ID: EH - 2 @ 6" (H803639-09)

Project Name:

Reported: Received:

Project Location: Project Number:

NONE GIVEN LEA COUNTY, NM

Sampling Type:

Sampling Date:

12/12/2018

Sample Received By: Sampling Condition:

Tamara Oldaker Cool & Intact

BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PIL)	102 %	6 73.3-129							
Chloride, SM4500CI-B	mg/kg	(G	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	<10.0	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	88.1 %	6 41-142							
Surrogate: 1-Chlorooctadecane	89.9 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

12/13/2018 2B PIPELINE 12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226

Sample ID: EH - 2 @ 2' (H803639-10)

Project Location: Project Number:

NONE GIVEN LEA COUNTY, NM

Sampling Type:

Sampling Date:

12/12/2018

Sample Received By: Sampling Condition:

Tamara Oldaker Cool & Intact

Project Name:

Reported: Received:

BTEX 8021B	mg/kg	Ğ	Analyzed By: ms	l By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	<0.050	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	<0.150	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	<0.300	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-129							
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	<10.0	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	86.8 %	6 41-142							
Surrogate: 1-Chlorooctadecane	87.5 %	6 37.6-147	7						

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*=Accredited Analyte

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: Reported: Received: 12/13/2018 2B PIPELINE NONE GIVEN 12/12/2018 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: V 1B @ 4' R (H803639-11)

Project Location:

LEA COUNTY, NM

Tamara Oldaker Cool & Intact 12/12/2018

RTEX 80218	ma/ka	S	Analyzed Ry: ms	Ry: me					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2018	ND	2.41	120	2.00	1.84	
Toluene*	<0.050	0.050	12/13/2018	ND	2.35	117	2.00	0.417	
Ethylbenzene*	0.075	0.050	12/13/2018	ND	2.29	114	2.00	1.52	
Total Xylenes*	0.289	0.150	12/13/2018	ND	6.93	116	6.00	1.77	
Total BTEX	0.364	0.300	12/13/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 73.3-129	0						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/13/2018	ND	400	100	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.4	10.0	12/12/2018	ND	186	93.2	200	0.167	
DRO >C10-C28*	204	10.0	12/12/2018	ND	198	99.0	200	2.34	
EXT DRO >C28-C36	15.8	10.0	12/12/2018	ND					
Surrogate: 1-Chlorooctane	87.7%	% 41-142							
Surrogate: 1-Chlorooctadecane	94.0%	% 37.6-147	7						

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Notes and Definitions

- QR-03 accepted based on LCS and/or LCSD recovery and/or RPD values. The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- Insufficient time to reach temperature.

*

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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De Como Lab Director/Orgality Ma

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories

101 East Marland, Hobbs, VM 88240

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July 17, 2019

JOEL LOWRY

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2B PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 07/15/19 14:12.

www.tceq.texas.gov/field/qa/lab accred certif.html. an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)

Method EPA 524.2 Total Trihalomethanes (TTHM) Regulated VOCs (V1, V2, V3)

Method EPA 524.4

Accreditation applies to public drinking water matrices

chain-of-custody. If you have any questions concerning this report, please feel free to contact me. This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



ENERGY TRANSFER JOEL LOWRY

Project Number: Project Name: Reported: Received: 07/17/2019 NONE GIVEN 07/15/2019 **2B PIPELINE** Fax To: JAL NM, 88252 P. O. BOX 1226 Sample Received By: Sampling Condition: Sampling Type: Sampling Date:

IB (S

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

Sample ID: NSW # 1 (H902420-01)	01)								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.03	101	2.00	0.449	
Toluene*	<0.050	0.050	07/17/2019	ND	2.00	100	2.00	2.41	
Ethylbenzene*	0.406	0.050	07/17/2019	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	0.203	0.150	07/17/2019	ND	5.82	97.0	6.00	0.454	
Total BTEX	0.609	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	142 %	% 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	'kg	Analyzed By: AC	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	'kg	Analyzed By: MS	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	76.7	50.0	07/16/2019	ND	199	99.4	200	3.66	
DRO >C10-C28*	5190	50.0	07/16/2019	ND	218	109	200	2.06	
EXT DRO >C28-C36	1290	50.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	76.9 %	% 41-142							

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

190 %

37.6-147

*=Accredited Analyte

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ENERGY TRANSFER JOEL LOWRY

Project Number: 07/17/2019 2B PIPELINE 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

NONE GIVEN Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Tamara Oldaker

Cool & Intact

07/12/2019

Project Name:

Reported: Received:

Project Location:

LEA COUNTY, NM

Iω Sample ID: NSW # 2 (H902420-02)

	(1)								
BTEX 8021B	mg/kg	ĝ	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.03	101	2.00	0.449	
Toluene*	<0.050	0.050	07/17/2019	ND	2.00	100	2.00	2.41	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.82	97.0	6.00	0.454	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	5 73.3-129							
Chloride, SM4500CI-B	mg/kg	(g	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	Ġ	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	199	99.4	200	3.66	
DRO >C10-C28*	70.5	10.0	07/16/2019	ND	218	109	200	2.06	
EXT DRO >C28-C36	38.9	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	60.7%	6 41-142							
Surrogate: 1-Chlorooctadecane	76.1 %	6 37.6-147	7						

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ENERGY TRANSFER JAL NM, 88252 P. O. BOX 1226 JOEL LOWRY

Project Name: Project Number: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To:

Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/12/2019 Cool & Intact

Iω Sample ID: NSW # 3 (H902420-03)

Project Location:

LEA COUNTY, NM

Reported: Received:

BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.03	101	2.00	0.449	
Toluene*	<0.050	0.050	07/17/2019	ND	2.00	100	2.00	2.41	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.82	97.0	6.00	0.454	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	199	99.4	200	3.66	
DRO >C10-C28*	109	10.0	07/16/2019	ND	218	109	200	2.06	
EXT DRO >C28-C36	39.5	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	61.8 %	6 41-142							
Surrogate: 1-Chlorooctadecane	81.8 %	6 37.6-147	7						

Cardinal Laboratories

*=Accredited Analyte

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ENERGY TRANSFER JOEL LOWRY

Project Number: Project Name: Reported: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

Received:

Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/12/2019 Cool & Intact

Sample ID: NSW # 4 (H902420-04)

Project Location:

LEA COUNTY, NM

BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.03	101	2.00	0.449	
Toluene*	<0.050	0.050	07/17/2019	ND	2.00	100	2.00	2.41	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.82	97.0	6.00	0.454	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-129							
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	ву: АС					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	199	99.4	200	3.66	
DRO >C10-C28*	25.3	10.0	07/16/2019	ND	218	109	200	2.06	
EXT DR0 >C28-C36	17.3	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	71.9 %	6 41-142							
Surrogate: 1-Chlorooctadecane	77.9 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Number: Project Name: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

Sampling Type: Sampling Date: 07/12/2019

Sample Received By: Sampling Condition: Tamara Oldaker Cool & Intact

Sample ID: NSW # 5 (H902420-05)

Project Location:

LEA COUNTY, NM

Reported: Received:

Squiple TD: NSW # 3 (USO2420-03)	(00)								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.03	101	2.00	0.449	
Toluene*	<0.050	0.050	07/17/2019	ND	2.00	100	2.00	2.41	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.82	97.0	6.00	0.454	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL)	99.6%	% 73.3-129	9						
Chloride, SM4500Cl-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	199	99.4	200	3.66	
DRO >C10-C28*	<10.0	10.0	07/16/2019	ND	218	109	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	69.0 %	% 41-142							
Surrogate: 1-Chlorooctadecane	76.0 %	% 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sample Received By: Sampling Condition: Sampling Type: Sampling Date:

Project Location: LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

| **σ** Sample ID: SSW # 1 (H902420-06)

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ENERGY TRANSFER P. O. BOX 1226 JOEL LOWRY

Project Number: Project Name: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

Sample ID: SSW # 2 (H902420-07)

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ENERGY TRANSFER P. O. BOX 1226 JOEL LOWRY

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 Sampling Date:

Sample Received By: Sampling Condition: Sampling Type: Tamara Oldaker 07/12/2019 Cool & Intact

Project Location: LEA COUNTY, NM

| **σ** Sample ID: SSW # 3 (H902420-08)

BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.03	101	2.00	0.449	
Toluene*	<0.050	0.050	07/17/2019	ND	2.00	100	2.00	2.41	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.82	97.0	6.00	0.454	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	l By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	l By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	190	95.1	200	0.351	
DRO >C10-C28*	393	10.0	07/16/2019	ND	189	94.6	200	4.27	
EXT DRO >C28-C36	186	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	73.4 %	% 41-142							
Surrogate: 1-Chlorooctadecane	84.8 %	% 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/12/2019 Cool & Intact

Sample ID: SSW # 4 (H902420-09)

Project Location:

LEA COUNTY, NM

BTEV 8021B	ma/		Applya	P. mo					
	Evi /Giii	9	Allary zea by . Illa	. by. 1113					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	190	95.1	200	0.351	
DRO >C10-C28*	<10.0	10.0	07/16/2019	ND	189	94.6	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	73.2 %	6 41-142							
Surrogate: 1-Chlorooctadecane	78.1 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Number: 07/17/2019 2B PIPELINE 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

> Sampling Type: Sampling Condition: Sampling Date: 07/12/2019 Cool & Intact

Tamara Oldaker

NONE GIVEN LEA COUNTY, NM Sample Received By:

Project Name:

Reported: Received:

Project Location:

BTEX 8021B	Sample ID: SSW # 5
œ	Ö
	WSS
	#
	01
	(H902420-10)
	೨
mg/kg	

	/								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PIL)	104 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	<10.0	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	<10.0	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	100 %	6 41-142							
Surrogate: 1-Chlorooctadecane	102 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Number: Project Name: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Tamara Oldaker

Cool & Intact

07/12/2019

Iω Sample ID: WSW # 1 (H902420-11)

Project Location:

LEA COUNTY, NM

BTEX 8021B	mg/kg	kg	Analyzed By: ms	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	% 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	90.1	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DR0 >C28-C36	54.6	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	99.7%	% 41-142							
Surrogate: 1-Chlorooctadecane	111 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/12/2019 Cool & Intact

Project Location:

LEA COUNTY, NM

Reported: Received:

Sample ID: ESW # 1 (H902420-12)

(411-pro + pro + p		Ī							
DIEV GOTTE	ev /6	3	Allalyzed by. Ills	a by. IIIS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2019	ND	448	112	400	3.64	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	68.6	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	27.2	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	100 %	6 41-142							
Surrogate: 1-Chlorooctadecane	108 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sample Received By: Sampling Condition: Sampling Type: Sampling Date:

Sample ID: V2 @ 6 - EH @ 1' (H902420-13)

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

Reported: Received:

mg/	kg (Analyze	d By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
<0.300	0.300	07/16/2019	ND					
103 %		9						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	07/16/2019	ND	448	112	400	3.64	
mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/17/2019	ND	204	102	200	0.980	
1420	10.0	07/17/2019	ND	211	106	200	4.39	
716	10.0	07/17/2019	N D					
90.7								
	mg/ Result <0.050 <0.050 <0.050 <0.150 <0.300 ### Result ### Result ### Result ### Result ### All Park ### A	Reporting 0.05 0.05 0.05 0.05 0.15 0.30 16.1 16.1 10.1 10.1	Reporting Limit Anal 0.050 07/16 0.050 07/16 0.050 07/16 0.050 07/16 0.050 07/16 0.150 07/16 0.300 07/16 0.300 07/16 16.0 07/16 16.0 07/17 10.0 07/17 10.0 07/17	Reporting Limit Analyzed I 0.050 07/16/2019 0.050 07/16/2019 0.050 07/16/2019 0.150 07/16/2019 0.300 07/16/2019 1.00 07/16/2019 Analyzed I Reporting Limit Analyzed I Reporting Limit Analyzed I 10.0 07/17/2019 10.0 07/17/2019 10.0 07/17/2019	Al/kg Analyzed By: ms Reporting Limit Analyzed Method Blank 0.050 07/16/2019 ND 0.050 07/16/2019 ND 0.050 07/16/2019 ND 0.150 07/16/2019 ND 0.300 07/16/2019 ND 10.300 07/16/2019 ND Proporting Limit Analyzed By: AC Analyzed By: MS ND 16.0 07/16/2019 ND Analyzed By: MS ND 10.0 07/17/2019 ND 10.0 07/17/2019 ND 10.0 07/17/2019 ND 10.0 07/17/2019 ND	Reporting Limit Analyzed Method Blank BS 0.050 07/16/2019 ND 2.01 0.050 07/16/2019 ND 2.02 0.050 07/16/2019 ND 1.92 0.150 07/16/2019 ND 5.91 0.300 07/16/2019 ND 5.91 1/kg Analyzed By: AC BS Reporting Limit Analyzed By: MS BS 16.0 07/16/2019 ND 448 Analyzed By: MS BS 10.0 07/17/2019 ND 204 10.0 07/17/2019 ND 211 10.0 07/17/2019 ND 211		

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Surrogate: 1-Chlorooctadecane

138 %

37.6-147

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ENERGY TRANSFER JOEL LOWRY

Project Number: Project Name: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Date:

Sampling Type: Sample Received By: Sampling Condition: Tamara Oldaker 07/12/2019 Cool & Intact

Sample ID: FLOOR # 1 (H902420-14)

Project Location:

LEA COUNTY, NM

Native N	Jampie 15: 1 500% # 1 (113011120 1-1)	10 11								
Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 40.050 0.050 0.051 07/16/2019 ND 2.01 100 2.00 2.00 20.050 0.050 07/16/2019 ND 2.02 101 2.00 2.00 20.050 0.050 07/16/2019 ND 1.92 95.8 2.00 20.150 0.150 07/16/2019 ND 5.91 98.5 6.00 20.000 07/16/2019 ND 5.91 98.5 6.000 07/16/2019 ND 5.91 98.5 6.00 20.000 07/16/2019 ND 5.91 98.5 6.000 07/16/20	BTEX 8021B	mg/	kg	Analyzeo	d By: ms					
C.0.55	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
CO.050 O.050 O.716/2019 ND D.02 D.050 O.050 O.716/2019 ND D.050 O.050 O.050 O.716/2019 ND D.050 O.050 O.050 O.716/2019 ND D.050 O.050 O	Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
CO.050 CO.050 CO.16/2019 ND 1.92 95.8 2.00	Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Co.150 Co.150 Co.150 Co.16/2019 ND S.91 98.5 G.00	Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
 c0.300 0.300 07/16/2019 ND ree (PID 103 % 73.3-129 Result reporting Limit 16.0 07/16/2019 ND H44 16.0 07/16/2019 ND 432 108 400 Result Result Reporting Limit 16.0 07/16/2019 ND 432 108 400 Result Result Notaring Limit 2007 ND 432 ND 400 Result Notaring Limit 2007 ND 400 207 10.0 07/16/2019 ND 204 102 200 100 07/16/2019 ND 211 106 200 100 07/16/2019 ND 211 106 200 100 07/16/2019 ND 41-142 	Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
me (PII) 103 % 73.3-129 mg/kg Analyzed By: AC 144 16.0 07/16/2019 ND 432 108 Mecovery True Value QC Result Reporting Limit Analyzed By: MS 88 % Recovery True Value QC 207 10.0 07/16/2019 ND 204 102 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 121 % 37.6-147	Total BTEX	<0.300	0.300	07/16/2019	ND					
mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 144 16.0 07/16/2019 ND 432 108 400 Result Reporting Limit Analyzed Blank BS % Recovery True Value QC <10.0 10.0 07/16/2019 ND 204 102 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 37.6-147 37.6-147 41-142 41-142 41-142 41-142	Surrogate: 4-Bromofluorobenzene (PID	103 %		9						
Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 144 16.0 07/16/2019 ND 432 108 400 Imprise Janalyzed By: MS Wethod Blank BS % Recovery True Value QC 207 10.0 07/16/2019 ND 204 102 200 207 10.0 07/16/2019 ND 211 106 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 37.6-147 47-142 48-142 48-142 48-142 48-142	Chloride, SM4500Cl-B	mg/	kg	Analyzec	By: AC					
144 16.0 07/16/2019 ND 432 108 400 mg/kg by: MS 108 400 Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 207 10.0 07/16/2019 ND 211 106 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 37.6-147	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 207 10.0 07/16/2019 ND 211 106 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 37.6-147 37.6-147	Chloride	144	16.0	07/16/2019	ND	432	108	400	0.00	
Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 200 10.0 07/16/2019 ND 204 102 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 ND 41-142 41-142 41-142 41-142	TPH 8015M	mg/	kg	Analyzeo	l By: MS					
<10.0 10.0 07/16/2019 ND 204 102 200 207 10.0 07/16/2019 ND 211 106 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 41-142 41-142 41-142 41-142 41-142	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
207 10.0 07/16/2019 ND 211 106 200 107 10.0 07/16/2019 ND 211 106 200 98.5 % 41-142 ND 41-142 121 % 37.6-147 37.6-147	GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
107 10.0 07/16/2019 98.5 % 41-142 121 % 37.6-147	DRO >C10-C28*	207	10.0	07/16/2019	ND	211	106	200	4.39	
98.5 % 121 %	EXT DR0 >C28-C36	107	10.0	07/16/2019	ND					
121 %	Surrogate: 1-Chlorooctane	98.5 %								
	Surrogate: 1-Chlorooctadecane	121 %		7						

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ENERGY TRANSFER JOEL LOWRY

Project Number: Project Name: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: FLOOR # 2 (H902420-15)

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

Jampie 10. 1 EOOK # 2 (11302720 13)	FO TO)								
BTEX 8021B	mg/kg	(G	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	73.3-129	9						
Chloride, SM4500CI-B	mg/kg	(g	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	ξg	Analyzed By: MS	By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	1440	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	542	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	96.0%	6 41-142							
Surrogate: 1-Chlorooctadecane	161 %	37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Iω Sample ID: FLOOR #3 (H902420-16)

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

Jampic 15: 1 50010 # 3 (11301-110 10)	10,								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	1770	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	657	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	90.4%	6 41-142							
Surrogate: 1-Chlorooctadecane	154 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY P. O. BOX 1226 JAL NM, 88252

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

Sampling Date: 07/12/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: FLOOR # 4 (H902420-17)

Project Location:

LEA COUNTY, NM

			•	i					
BTEX 8021B	mg/kg	ĝ	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	5 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	G	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	G	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	764	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	338	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	93.1%	6 41-142							
Surrogate: 1-Chlorooctadecane	142 %	37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Number: Project Name: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

> Sampling Type: Sampling Date: 07/12/2019 Cool & Intact

Sample Received By: Sampling Condition: Tamara Oldaker

IΦ Sample ID: FLOOR #5 (H902420-18)

Project Location:

LEA COUNTY, NM

Reported: Received:

Sample 10: FLOOK # 5 (F1902420-18)	(at-07								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6%	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	190	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	75.6	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	95.9 %	6 41-142							
	1100		1						

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Surrogate: 1-Chlorooctadecane

110%

37.6-147

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ENERGY TRANSFER JOEL LOWRY P. O. BOX 1226 JAL NM, 88252

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: FLOOR # 6 (H902420-19)

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

RTEY 8021B		3	Amalway	By: mc					
01270	ev /6	6	Allalyzed by. Ills	by. IIIs					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	73.3-129							
Chloride, SM4500CI-B	mg/kg	(g	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	(g	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	165	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	78.0	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	99.0 %	6 41-142							
Surrogate: 1-Chlorooctadecane	111 %	37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Number: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

> Sampling Type: Sampling Date: 07/12/2019

Sample Received By: Sampling Condition: Tamara Oldaker Cool & Intact

Iω Sample ID: FLOOR #7 (H902420-20)

Project Location:

LEA COUNTY, NM

Project Name: Reported: Received:

Sample ID: FLOOK # / (HBOZ4Z0-Z0)	20-20)								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	l By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	809	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	326	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	96.2 %	6 41-142							
Surrogate: 1-Chlorooctadecane	129 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sample Received By:

Sampling Type: Sampling Condition: Sampling Date: Tamara Oldaker 07/12/2019 Cool & Intact

Iω Sample ID: FLOOR #8 (H902420-21)

Project Location:

LEA COUNTY, NM

Oumpic 10: 1 EOOK # O (11) OF 1EO E1)	11								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2 %	6 73.3-129	0						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	873	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	364	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	147 %	6 41-142							
Surrogate: 1-Chlorooctadecane	205 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY P. O. BOX 1226 JAL NM, 88252

Project Name: Project Number: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: P. O. BOX 1226 JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: FLOOR # 9 (H902420-22)

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

	20-22)		Analyzed By: mc						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	7,	% Recovery	Trije Valije OC	RPD	Oualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0%	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	4800	50.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	1780	50.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	128 %	6 41-142							
Surrogate: 1-Chlorooctadecane	316%	6 37.6-147	7						

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ENERGY TRANSFER P. O. BOX 1226 JOEL LOWRY

Project Number: Project Name: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Iω Sample ID: FLOOR # 10 (H902420-23)

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

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BIEX 8021B	mg/ kg	Kg	Analyzed by: ms	by: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/16/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/16/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	0.075	0.050	07/16/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	0.440	0.150	07/16/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	0.514	0.300	07/16/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-129							
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	36.1	10.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	2780	10.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	789	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	126 %	6 41-142							
Surrogate: 1-Chlorooctadecane	215 %	6 37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY P. O. BOX 1226 JAL NM, 88252

Project Number: Project Name: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To: P. O. BOX 1226 JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: FLOOR # 11 @ 4' (H902420-24)

Project Location:

LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

RTEY 8021R	ma/ka	į .	Analyzad Ry: me	By: ms					
									•
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	0.167	0.050	07/17/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	0.768	0.150	07/17/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	0.935	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	79.8	50.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	5260	50.0	07/16/2019	ND	211	106	200	4.39	
EXT DRO >C28-C36	1560	50.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	134 %	6 41-142							

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Surrogate: 1-Chlorooctadecane

313%

37.6-147

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ENERGY TRANSFER JAL NM, 88252 P. O. BOX 1226 JOEL LOWRY

Project Location: Project Number: Project Name: Reported: Received: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 LEA COUNTY, NM Fax To: Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Tamara Oldaker

Cool & Intact

07/12/2019

Sample ID: FLOOR # 11 STAIN (H902420-25)

Sample 1D: FLOOK # 11 STAIN (H902420-25) BTEX 8021B mg/kg	mg/kg	kg (kg	Analyzed By: ms	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.01	100	2.00	3.72	
Toluene*	0.257	0.050	07/17/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	0.694	0.050	07/17/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	3.14	0.150	07/17/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	4.09	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 %	% 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	571	50.0	07/16/2019	ND	204	102	200	0.980	
DRO >C10-C28*	11500	50.0	07/16/2019	ND	211	106	200	4.39	
EXT DR0 >C28-C36	2890	50.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	170 %	% 41-142							

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Surrogate: 1-Chlorooctadecane

477 %

37.6-147

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ENERGY TRANSFER JOEL LOWRY

07/17/2019 2B PIPELINE 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226

Sampling Type: Sampling Condition: Sampling Date: 07/12/2019 Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: NSW A (H902420-26)

Project Name:

Reported: Received:

Project Location: Project Number:

NONE GIVEN

LEA COUNTY, NM

9/9			-y:					
Result Re	eporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	07/17/2019	ND	2.01	100	2.00	3.72	
<0.050	0.050	07/17/2019	ND	2.02	101	2.00	3.13	
<0.050	0.050	07/17/2019	ND	1.92	95.8	2.00	3.53	
<0.150	0.150	07/17/2019	ND	5.91	98.5	6.00	3.56	
<0.300	0.300	07/17/2019	ND					
101 %	73.3-129							
mg/kg		Analyzed	By: AC					
Result Re	eporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
160	16.0	07/16/2019	ND	432	108	400	0.00	
mg/kg		Analyzed	By: MS					
Result Re	eporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
13.5	10.0	07/16/2019	ND	190	95.1	200	0.351	
316	10.0	07/16/2019	ND	189	94.6	200	4.27	
59.1	10.0	07/16/2019	ND					
90.8 %	41-142							
110 %	37.6-147							
	% %	Reporting 0.05 0.05 0.05 0.05 0.15 0.15 0.16 0.16 0.16 0.16 0.16 0.16 0.16 0.16	Reporting Limit Anal 0.050 07/13 0.050 07/13 0.050 07/13 0.050 07/13 0.150 07/13 0.300 07/13 0.300 07/13 0.300 07/14 Anal Reporting Limit Anal 16.0 07/16 10.0 07/16 10.0 07/16 10.0 07/16 10.0 07/16 10.0 07/16 0	Reporting Limit Analyzed 0.050 07/17/2019 0.050 07/17/2019 0.050 07/17/2019 0.150 07/17/2019 0.300 07/17/2019 % 73.3-129 //kg Analyzed E Reporting Limit Analyzed E Reporting Limit Analyzed E Reporting Limit Analyzed I 10.0 07/16/2019 10.0 07/16/2019 10.0 07/16/2019 10.0 07/16/2019 10.0 07/16/2019	Reporting Limit Analyzed Method Blank 0.050 07/17/2019 ND 0.050 07/17/2019 ND 0.050 07/17/2019 ND 0.150 07/17/2019 ND 0.300 07/17/2019 ND % 73.3-129 ND 16.0 07/16/2019 ND 16.0 07/16/2019 ND 10.0 07/16/2019 ND	Reporting Limit Analyzed Method Blank BS 0.050 07/17/2019 ND 2.01 0.050 07/17/2019 ND 2.02 0.050 07/17/2019 ND 1.92 0.150 07/17/2019 ND 5.91 0.300 07/17/2019 ND 5.91 % 73.3-129 ND 5.91 //kg Analyzed By: AC BS Reporting Limit Analyzed By: MS BS 16.0 07/16/2019 ND 432 //kg Analyzed By: MS BS Reporting Limit Analyzed By: MS BS Reporting Limit Analyzed Method Blank BS 10.0 07/16/2019 ND 190 10.0 07/16/2019 ND 189 10.0 07/16/2019 ND 189 10.0 07/16/2019 ND 189 3% 41-142 37.6-147	Reporting Limit Analyzed Method Blank BS % Recovery True 0.050 07/17/2019 ND 2.01 100 1 0.050 07/17/2019 ND 2.02 101 1 0.050 07/17/2019 ND 1.92 95.8 1 0.150 07/17/2019 ND 5.91 98.5 1 0.300 07/17/2019 ND 5.91 98.5 1 Analyzed By: Ac Analyzed By: Ac ND 432 True 16.0 07/16/2019 ND 432 108 7 16.0 07/16/2019 ND 190 95.1 7 10.0 07/16/2019 ND 189 94.6 7 10.0 07/16/2019 ND 189 94.6 1 9% 41-142 37.6-147 41-142 41-142 41-142 41-142 41-142 41-142 41-142 41-142 41-142 <th>Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 0.050 07/17/2019 ND 2.01 100 2.00 0.050 07/17/2019 ND 1.92 95.8 2.00 0.050 07/17/2019 ND 1.92 95.8 2.00 0.300 07/17/2019 ND 5.91 98.5 6.00 % 73.3-129 ND 5.91 98.5 6.00 % 73.3-129 Analyzed By: AC ND 432 108 400 If/kg Analyzed By: MS ND 432 108 400 In.0 07/16/2019 ND 190 95.1 200 10.0 07/16/2019 ND 189 94.6 200 10.0 07/16/2019 ND 189 94.6 200 8% 41-142 37.6-147 432 108 43.6 200</th>	Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 0.050 07/17/2019 ND 2.01 100 2.00 0.050 07/17/2019 ND 1.92 95.8 2.00 0.050 07/17/2019 ND 1.92 95.8 2.00 0.300 07/17/2019 ND 5.91 98.5 6.00 % 73.3-129 ND 5.91 98.5 6.00 % 73.3-129 Analyzed By: AC ND 432 108 400 If/kg Analyzed By: MS ND 432 108 400 In.0 07/16/2019 ND 190 95.1 200 10.0 07/16/2019 ND 189 94.6 200 10.0 07/16/2019 ND 189 94.6 200 8% 41-142 37.6-147 432 108 43.6 200

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ENERGY TRANSFER JOEL LOWRY

Project Name: 07/17/2019 2B PIPELINE 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Project Location: Project Number: NONE GIVEN LEA COUNTY, NM

Tamara Oldaker

Cool & Intact

07/12/2019

Reported: Received:

Iω Sample ID: ESW A (H902420-27)

BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3 %	6 73.3-129	0						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	l By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28.3	10.0	07/16/2019	ND	190	95.1	200	0.351	
DRO >C10-C28*	1520	10.0	07/16/2019	ND	189	94.6	200	4.27	
EXT DRO >C28-C36	248	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	89.4 %	6 41-142							
Surrogate: 1-Chlorooctadecane	128 %	6 37.6-147	7						

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ENERGY TRANSFER JAL NM, 88252 P. O. BOX 1226 JOEL LOWRY

Project Number: 07/17/2019 2B PIPELINE NONE GIVEN 07/15/2019 Fax To:

Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/12/2019 Cool & Intact

Sample ID: SSW A (H902420-28)

Project Location:

LEA COUNTY, NM

Project Name: Reported: Received:

Sample ID: SSW & (HBUZ4ZU-ZO)	٢								
BTEX 8021B	mg/kg	kg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.01	100	2.00	3.72	
Toluene*	<0.050	0.050	07/17/2019	ND	2.02	101	2.00	3.13	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.92	95.8	2.00	3.53	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.91	98.5	6.00	3.56	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.3-129	9						
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/16/2019	ND	190	95.1	200	0.351	
DRO >C10-C28*	699	10.0	07/16/2019	ND	189	94.6	200	4.27	
EXT DR0 >C28-C36	143	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	85.8 %	6 41-142							
Surrogate: 1-Chlorooctadecane	111 %	37.6-147	7						

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ENERGY TRANSFER JOEL LOWRY

Project Name: Reported: Received: 07/17/2019 2B PIPELINE 07/15/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sampling Condition: Sampling Date:

Sample ID: WSW A (H902420-29)

Project Location: Project Number:

NONE GIVEN

Sample Received By:

Tamara Oldaker

Cool & Intact

07/12/2019

LEA COUNTY, NM

BTEX 8021B	mg/kg	íg	Analyzed By: ms	By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2019	ND	2.03	101	2.00	0.449	
Toluene*	<0.050	0.050	07/17/2019	ND	2.00	100	2.00	2.41	
Ethylbenzene*	<0.050	0.050	07/17/2019	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	07/17/2019	ND	5.82	97.0	6.00	0.454	
Total BTEX	<0.300	0.300	07/17/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	73.3-129							
Chloride, SM4500CI-B	mg/kg	g	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/16/2019	ND	432	108	400	0.00	
TPH 8015M	mg/kg	g	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.1	10.0	07/16/2019	ND	190	95.1	200	0.351	
DRO >C10-C28*	1520	10.0	07/16/2019	ND	189	94.6	200	4.27	
EXT DRO >C28-C36	430	10.0	07/16/2019	ND					
Surrogate: 1-Chlorooctane	89.2 %	6 41-142							
Surrogate: 1-Chlorooctadecane	137 %	37.6-147	7						

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Notes and Definitions

- S-06 matrix interference's. The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- Insufficient time to reach temperature.

* *

- Chloride by SM4500G-B does not require samples be received at or below 6°C
- Samples reported on an as received basis (wet) unless otherwise noted on report

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July 30, 2019

DEAN ERICSON

ENERGY TRANSFER

P. O. BOX 1226

JAL, NM 88252

RE: 2B

Enclosed are the results of analyses for samples received by the laboratory on 07/29/19 10:20.

www.tceq.texas.gov/field/qa/lab accred certif.html. an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)

Method EPA 524.2 Total Trihalomethanes (TTHM) Regulated VOCs (V1, V2, V3)

Method EPA 524.4

Accreditation applies to public drinking water matrices

chain-of-custody. If you have any questions concerning this report, please feel free to contact me. This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



ENERGY TRANSFER P. O. BOX 1226 DEAN ERICSON

Project Number: Project Name: 07/30/2019 2B 07/29/2019 32.169476-103.204992 Fax To: JAL NM, 88252 Sample Received By: Sampling Condition: Sampling Type: Sampling Date:

I∃ Ø

Project Location:

NEW MEXICO

Tamara Oldaker

Cool & Intact

07/29/2019

Reported: Received:

Sample ID: WSW B (H902578-01)	8-01)								
TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	90.4 %	% 41-142							
Surrogate: 1-Chlorooctadecane	105 %	% 37.6-147	7						

Sample ID: WSW #1 B (H902578-02)	578-02)								
	,	•							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery True	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	94.9 %	% 41-142	.5						
Surrogate: 1-Chlorooctadecane	108 %	6 37.6-147	7						

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ENERGY TRANSFER P. O. BOX 1226 DEAN ERICSON

Reported: Project Name: Project Number: 07/30/2019 32.169476-103.204992 07/29/2019 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Received:

Project Location:

NEW MEXICO

Tamara Oldaker

Cool & Intact

07/29/2019

Sample ID: FL # 11 STAIN B (H902578-03)	(Н902578-	03)							
TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	94.4%	% 41-142	2						

Sample ID: SSW B (H902578-04)

Surrogate: 1-Chlorooctadecane

110%

37.6-147

TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	97.4%	% 41-142							
Surrogate: 1-Chlorooctadecane	114%	% 37.6-147	7						

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ENERGY TRANSFER JAL NM, 88252 P. O. BOX 1226 DEAN ERICSON

Project Number: Project Name: Reported: Received: 07/30/2019 32.169476-103.204992 07/29/2019 Fax To: Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/29/2019 Cool & Intact

Project Location: **NEW MEXICO**

Sample ID: FL # 7 B (H902578-05)

TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	97.3 %	% 41-142	,						
Surrogate: 1-Chlorooctadecane	113 %	% 37.6-147	7						

Sample ID: FL # 8 B (H902578-06)	3-06)								
Chloride, SM4500CI-B	mg/kg	kg	Analyzed By: AC	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	% Recovery True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/29/2019	ND	432	108	400	3.77	
TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	95.2 %	% 41-142							
Surrogate: 1-Chlorooctadecane	108 %	6 37.6-147	7						

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ENERGY TRANSFER

Fax To: JAL NM, 88252 P. O. BOX 1226 DEAN ERICSON

Project Name: Project Location: Project Number: Reported: Received: 07/30/2019 **NEW MEXICO** 32.169476-103.204992 07/29/2019 Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/29/2019 Cool & Intact

Sample ID: FL # 9 B (H902578-07)

TPH 8015M	mg/kg	kg	Analyzed By: MS	i By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	96.6%	% 41-142							

Surrogate: 1-Chlorooctadecane

110%

37.6-147

Sample ID: FL # 10 B (H902578-08)	(80-8/								
TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	96.1%	% 41-142							
Surrogate: 1-Chlorooctadecane	112 %	6 37.6-147	7						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252

Project Name: Project Number: Reported: Received: 07/30/2019 32.169476-103.204992 07/29/2019 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Tamara Oldaker

Cool & Intact

07/29/2019

Project Location: NEW MEXICO

Sample ID: FL # 11 B (H902578-09)	578-09)								
TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	244	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	63.3	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	97.5 %	% 41-142	2						

Surrogate: 1-Chlorooctane 97.5 % 41-142
Surrogate: 1-Chlorooctadecane 125 % 37.6-147

Sample ID: NSW C (11902576-IO)	S-TO)								
TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	N D					
Surrogate: 1-Chlorooctane	98.8 %	% 41-142	2						
Surrogate: 1-Chlorooctadecane	112 %	% 37.6-147	17						

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ENERGY TRANSFER P. O. BOX 1226 DEAN ERICSON

Project Name: Project Number: 07/30/2019 32.169476-103.204992 07/29/2019 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: ESW C (H902578-11)

Project Location:

NEW MEXICO

Tamara Oldaker

Cool & Intact

07/29/2019

Reported: Received:

oampic 10: 10: 0 (1:0010; 0 11)	/								
TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	92.4 %	% 41-142							
Surrogate: 1-Chlorooctadecane	104 %	% 37.6-147	7						

Sample ID: FL # 6 B (H902578-12)

TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	N D					
Surrogate: 1-Chlorooctane	95.2 %	% 41-142							
Surrogate: 1-Chlorooctadecane	103 %	% 37.6-147	7						

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ENERGY TRANSFER

Fax To: P. O. BOX 1226 DEAN ERICSON JAL NM, 88252

Project Number: Project Name: Reported: Received: 07/30/2019 32.169476-103.204992 07/29/2019 Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/29/2019 Cool & Intact

Project Location: **NEW MEXICO**

Sample ID: FL # 5 B (H902578-13) Chloride, SM4500CI-B mg/kg Analyzed By: AC

EXT DRO >C28-C36 DRO >C10-C28* GRO C6-C10* TPH 8015M Chloride Analyte <10.0 <10.0 Result <10.0 Result <16.0 mg/kg Reporting Limit Reporting Limit 10.0 10.0 10.0 16.0 07/29/2019 07/29/2019 07/29/2019 07/29/2019 Analyzed Analyzed Analyzed By: MS Method Blank Method Blank ND ND ND $\frac{1}{2}$ 432 199 201 BS ВS % Recovery % Recovery 99.5 101 108 True Value QC True Value QC 200 200 400 3.77 9.28 1.37 RPD RPD Qualifier Qualifier

Surrogate: 1-Chlorooctane Surrogate: 1-Chlorooctadecane 96.0% 104%37.6-147 41-142

Sample ID: NSW # 3 B (H902578-14)

TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	93.4%	% 41-142							
Surrogate: 1-Chlorooctadecane	98.3 %	% 37.6-147	7						

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ENERGY TRANSFER DEAN ERICSON

Reported: Project Name: 07/30/2019 07/29/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sampling Condition: Sampling Date:

Project Location:

NEW MEXICO

32.169476-103.204992

Sample Received By:

Tamara Oldaker

Cool & Intact

07/29/2019

Project Number:

Received:

Sample ID: FL # 4 B (H902578-15)	'8-15)								
TPH 8015M	mg/kg	kg	Analyzed By: MS	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DR0 >C28-C36	<10.0	10.0	07/29/2019	N D					
Surrogate: 1-Chlorooctane	91.9 %	% 41-142							

Surrogate: 1-Chlorooctadecane 101%37.6-147

TPH 8015M	mg/kg	kg	Analyzed By: MS	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	N D					
Surrogate: 1-Chlorooctane	95.3 %	% 41-142	2						
Surrogate: 1-Chlorooctadecane	104 %	% 37.6-147	17						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252

Project Name: Project Number: Reported: Received: 07/30/2019 32.169476-103.204992 07/29/2019 Fax To: JAL NM, 88252 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

Sample ID: NSW # 2 B (H902578-17)

Project Location:

NEW MEXICO

Tamara Oldaker

Cool & Intact

07/29/2019

Jampie 10. 14044 # 6 0 (113060/0-1/)	(/T_0/C7								
TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	N D					
Surrogate: 1-Chlorooctane	100 %	6 41-142							
Surrogate: 1-Chlorooctadecane	108 %	6 37.6-147	7						

Sample ID: FL # 3 B (H902578-18)

TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DR0 >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	97.1 %	% 41-142							
Surrogate: 1-Chlorooctadecane	110 %	6 37.6-147	7						

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de la Norma de Director (Ornalità Ma



ENERGY TRANSFER DEAN ERICSON

Project Name: Project Number: 07/30/2019 32.169476-103.204992 07/29/2019 Fax To: JAL NM, 88252 P. O. BOX 1226 Sampling Type: Sample Received By: Sampling Condition: Sampling Date:

 $I \rightarrow$ Sample ID: FL # 2 B (H902578-19)

Project Location:

NEW MEXICO

Tamara Oldaker

Cool & Intact

07/29/2019

Reported: Received:

TPH 8015M	mg/kg	'kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	11.8	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	97.1 %	% 41-142							
Surrogate: 1-Chlorooctadecane	110 %	% 37.6-147	7						

Sample ID: NSW # 1 B (H902578-20)

TPH 8015M	mg/kg	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2019	ND	201	101	200	1.37	
DRO >C10-C28*	<10.0	10.0	07/29/2019	ND	199	99.5	200	9.28	
EXT DRO >C28-C36	<10.0	10.0	07/29/2019	ND					
Surrogate: 1-Chlorooctane	96.2 %	% 41-142							
Surrogate: 1-Chlorooctadecane	103 %	37.6-147	7						

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ENERGY TRANSFER DEAN ERICSON P. O. BOX 1226 JAL NM, 88252

Project Name: Received: Project Number: Reported: 07/30/2019 32.169476-103.204992 07/29/2019 Fax To: Sampling Type: Sample Received By: Sampling Condition: Sampling Date: Tamara Oldaker 07/29/2019 Cool & Intact

Sample ID: FL # 1 B (H902578-21)

Project Location:

NEW MEXICO

TPH 8015M	mg/kg	kg	Analyzed By: MS	By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	% Recovery True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/30/2019	ND	206	103	200	2.76	
DRO >C10-C28*	<10.0	10.0	07/30/2019	ND	228	114	200	12.5	
EXT DRO >C28-C36	<10.0	10.0	07/30/2019	ND					
Surrogate: 1-Chlorooctane	96.2 %	6 41-142							
Surrogate: 1-Chlorooctadecane	106 %	6 37.6-147	7						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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101 East Marland, Hobbs, NM 88240

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Cool Intact
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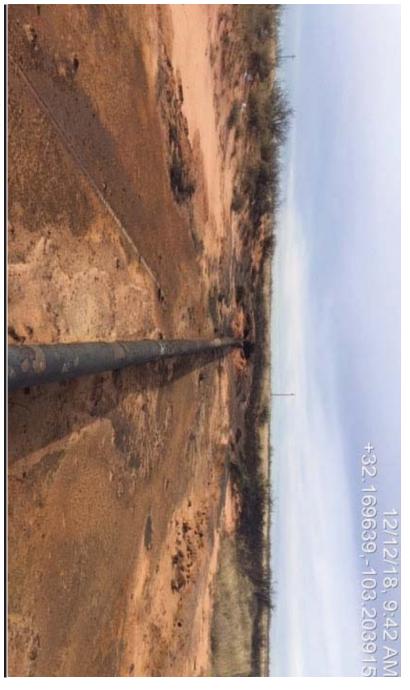


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ATTACHMENT #7 Photographic Log

PHOTOGRAPHIC LOG



1 View of surface staining from the initial release, facing Southwest.



2 View of sample location, facing North.

PHOTOGRAPHIC LOG



re 3 View of surface staining from the initial release, facing Southwest.



Figure 4 View of surface staining from the initial release, facing Northeast.

PHOTOGRAPHIC LOG





View of portion of the excavated area, facing Southwest.

ATTACHMENT #8
Page from Release Notification (FORM C-141)

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

Energy Minerals and Natural Resources Department State of New Mexico

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

District RP	Encility ID	a dentey 120
istrict RP		Facility ID

Release Notification

Responsible Party

Contact mailing address: 600 N. Marienfeld Street, Suite 700, Midland, TX 79701	Contact email: carolyn.blackaller@energytransfer.com	Contact Name: Carolyn J. Blackaller	Responsible Party: ETC Texas Pipeline, Ltd.
	Incident # (assigned by OCD)	Contact Telephone: (817) 302-9766	OGRID: 371183

Contact mailing address: 600 N. Marienfeld Street, Suite 700, Midland, TX 79701 Latitude 32.16947 Location (NAD 83 in decision Name: 2B) Date Release Discovered: 10/26/2018 Unit Letter Section Township Range Name: State Federal Tribal Private (Name: Surface Owner: State Federal Tribal Private (Name: County Nature and Natural Gas Volume Released (bbls): 27.54 bbl. Material(s) Released (Select all that apply and attach or Volume Released (bbls): 27.54 bbl. Take Condensate Volume Released (bbls): 3.06 bbls. Natural Gas Volume Released (bbls): 3.06 bbls.	Contact email: carolyn.blackaller@energytransfer.com	olackaller@ene	rgy(rgytransfer.com
Vame: 2B Release Discovered: 10/26/2018 Letter Section Township Range N 31 T24S R37E Letter State Federal Tribal Priva Priva Release Owner: State Federal Tribal Priva Range N 31 T24S R37E Nature: Nature: Volume Released (bbls): 27.5 roduced Water Volume Released (bbls): 27.5 roduced Water Volume Released (bbls): 27.5 Is the concentration of dissolver produced water >10,000 mg/l' Condensate Volume Released (bbls): 3.06 latural Gas Volume Released (bbls): 3.06	act mailing address and, TX 79701	: 600 N. Marienfel	d Street, Suite	700,
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State of New Mexico Oil Conservation Division

Application ID	Facility ID.	District RP	Incident ID

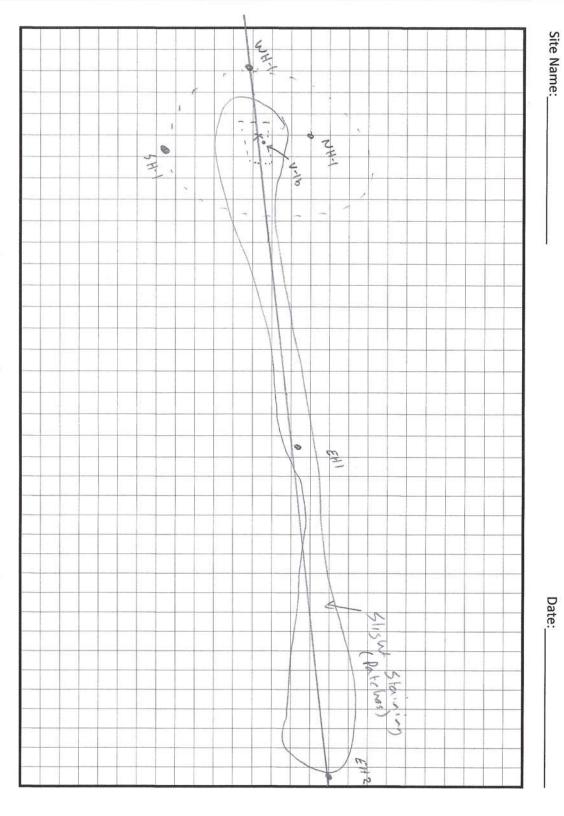
If YES, was immediate no Immediate notice was not much liquid was released.	⊠ Yes □ No	Was this a major release as defined by 19.15.29.7(A) NMAC?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice was not given due to excessive rainfall at the release site, which hindered the determination of approximately how much liquid was released.	release.	If YES, for what reason(s) does the responsible party consider this a major release? 19.15.29.7(A)(1) classifies a major release as an unauthorized release of a volume of 25 barrels or more. The total volume of liquids released was approximately 30.6 barrels. The gas released is classified as a minor

Initial Response

The responsible party must undertake the following actions inunediately unless they could create a safety hazard that would result in injury

ATTACHMENT #9 Field Data

FIELD NOTES



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Field ID	Odor/PID	Chloride
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Field ID	Odor/PID	Chloride
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Field ID	JH-1621	7H-1016"	Field ID
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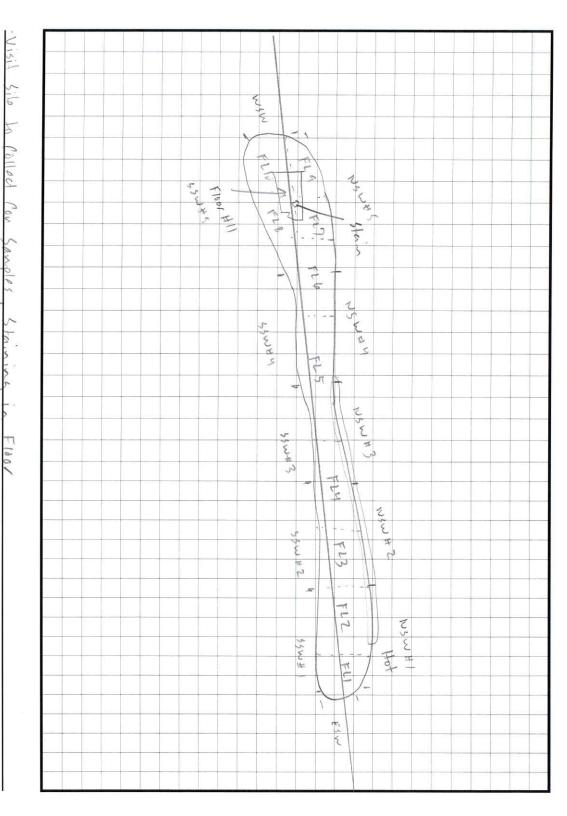
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Field ID	MH-1621	CH-106"	Field ID
Odor/PID	Nove	Nove	Odor/PID
Chloride	1	1	Chloride

Site Name: 28 Pipaline

Date: 7/12/19



FLHY - Collect L#3 Field ID У Н 7

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141 Field ID

49

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