Administrative/Environmental Order



## **AE Order Number Banner**

**Report Description** 

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pSAD1413251589

1RP - 3036

CELERO ENERGY II, LP

7/29/2016



Down By Also McClanshan

Sample IU         Date         Depth (ft)         Bottom         In-shu         Rem           Excavation Bottom Sample Results         7         0-1         0         No         No           AH-1         5/2/2013         0-1         0         1         1         No         No           AH-1         5/2/2013         0-1         0         0         No         No <t< th=""><th>Depth (ft) In-Situ Remov</th><th>GRO</th><th>A Number of A</th><th></th><th></th><th>A INTONIO I</th><th>CUNVUCINCUIS</th><th>VIIIIIA</th><th>&gt;</th><th>Clinoria</th><th></th></t<>	Depth (ft) In-Situ Remov	GRO	A Number of A			A INTONIO I	CUNVUCINCUIS	VIIIIIA	>	Clinoria	
Excavation Bottom Sample Results         AH-1       5/2/2013       0-1       0          AH-1       5/2/2013       0-1       0           "       "       1-1.5       0            "       "       1.5-2       0             CS-1       7/12/2013       Bottom       3       X <td< th=""><th></th><th></th><th>DRO</th><th>Total</th><th>(mg/kg)</th><th>(mg/kg)</th><th>(mg/kg)</th><th>(mg/kg)</th><th>(mg/kg)</th><th>(mg/kg)</th><th></th></td<>			DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
AH-1 $5/2/2013$ $0-1$ $0$ $0$ "       " $1-1.5$ $0$ $0$ "       " $1-1.5$ $0$ $0$ "       " $1-1.5$ $0$ $0$ " $1.5-2$ $0$ $0$ $0$ CS-1 $7/12/2013$ Bottom $3$ $X$ AH-2 $5/2/2013$ $0-1$ $0$ $0$ CS-2 $7/12/2013$ Bottom $3$ $X$ CS-2 $8/12/2013$ Bottom $3$ $X$ AH-3 $5/2/2013$ Bottom $4$ $X$ AH-3 $5/2/2013$ $0-1$ $0$ $Y$ AH-3 $5/2/2013$ $0-1$ $0$ $X$ AH-3 $5/2/2013$ $0-1$ $0$ $X$ $X$											
"     1-1.5       "     1.5-2       "     1.5-2       CS-1     7/12/2013       AH-2     5/2/2013       AH-2     5/2/2013       0-1     0       -     1-1.5       X     1.1.5       AH-2     5/2/2013       Bottom     3       CS-2     7/12/2013       Bottom     3       CS-2     8/12/2013       Bottom     4       AH-3     5/2/2013       -     1-1.5       AH-3     5/2/2013       -     1-1.5       -     1-1.5       -     -       -     1-1.5       -     -	X 0	726	3,530	4,256	<0.0400	0.0450	0.440	1.51	2.00	<20.0	0K
"     1.5-2     "       CS-1     7/12/2013     Bottom     3     X       AH-2     5/2/2013     0-1     0     7       AH-2     5/2/2013     0-1     0     7       CS-2     7/12/2013     Bottom     3     7       CS-2     8/12/2013     Bottom     3     7       AH-3     5/2/2013     Bottom     4     X       AH-3     5/2/2013     0-1     0     7       AH-3     5/2/2013     0-1     0     X       AH-3     5/2/2013     0-1     0     X	X	702	888	1,590					10 ······	155	
CS-1     7/12/2013     Bottom     3     X       AH-2     5/2/2013     0-1     0     7       AH-2     5/2/2013     0-1     0     7       CS-2     7/12/2013     Bottom     3     7       CS-2     8/12/2013     Bottom     4     X       AH-3     5/2/2013     0-1     0     7       AH-3     5/2/2013     0-1     0     X       *     1-1.5     X     X	X	1,310	1,100	2,410		-			-	67.8	
AH-2     5/2/2013     0-1     0       "     "     1-1.5     0       CS-2     7/12/2013     Bottom     3       CS-2     8/12/2013     Bottom     4     X       AH-3     5/2/2013     0-1     0     7       AH-3     5/2/2013     0-1     0     X       *     1-1.5     X     X	3 X	4.08	110	114	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0	
AH-2     5/2/2013     0-1     0     1       "     "     1-1.5     0     1       CS-2     7/12/2013     Bottom     3     1       CS-2     8/12/2013     Bottom     4     X       AH-3     5/2/2013     0-1     0     1       AH-3     5/2/2013     0-1     0     X       "     1-1.5     X     X											
"     1-1.5     "       CS-2     7/12/2013     Bottom     3       CS-2     8/12/2013     Bottom     4     X       CS-2     8/12/2013     Bottom     4     X       AH-3     5/2/2013     0-1     0     X       "     1-1.5     X     X	X 0	134	898	1,032	<0.100	<0.100	<0.100	<0.100	<0.100	741	
CS-2     7/12/2013     Bottom     3       CS-2     8/12/2013     Bottom     4     X       AH-3     5/2/2013     0-1     0     7       *     1-1.5     X     X	X	272	2,340	2,612	Contraction of the			-	-	111	
CS-2         8/12/2013         Bottom         4         X           AH-3         5/2/2013         0-1         0         X           and         1-1.5         X         X         X	X	<4 00	< RO O	<ro o<="" td=""><td>00000&gt;</td><td>0000 0&gt;</td><td>00000</td><td>0000 0&gt;</td><td>00000</td><td>QKQ</td><td></td></ro>	00000>	0000 0>	00000	0000 0>	00000	QKQ	
CS-2         8/12/2013         Bottom         4         X           AH-3         5/2/2013         0-1         0         X           *         1-1.5         X         X           *         1.5-2         X         X	~	DD'	2.00	0.00-	-0.0200	20.020	0070.0-	-0. UL	0.0400	000	20
AH-3 5/2013 0-1 0 X	4 X						•			272	5
AH-3 5/2/2013 0-1 0 X 											
" 1-1.5 X X	X 0	11.9	52.9	64.8	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<20.0	
" 1.5-2 X	×					,		•		<20.0	
	×	,	ī	•	•			-		77.5	OK
CS-3 7/12/2013 Bottom 0.5 X	0.5 X	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0	-

OCT 0 9 2013 HOBBS OCD

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Celero Energy Table 1

Sample ID

AH-1

CS-1

AH-2

Chloride (mg/kg) <20.0 <20.0 <20.0 <20.0 <20.0 67.8 77.5 959 272 155 741 111 SCATOM > <0.0200 <0.0200 <0.0200 <0.0200 (mg/kg) <0.100 <0.0200 <0.0400 <0.0400 <0.0400 <0.0400 Total BTEX 2.00 1 , <0.0200 <0.100 Xylene (mg/kg) 1.51 1 <0.0200 Ethlybenzene (mg/kg) <0.0200 <0.0400 <0.0400 <0.100 <0.0200 0.440 . 1 ÷ , 1 Toluene (mg/kg) <0.0200 <0.0200 <0.0400 <0.0400 <50.0 <50.0 <0.0200 <0.0200 <0.0200 <0.0200 <0.0400 <0.0400 0.0450 <0.100 <0.100 , í 1 <0.0400 Benzene (mg/kg) į 1 1 ì <50.0 1,032 4,256 1,590 2,410 114 2,612 64.8 1,220 Total 114 Lea County, New Mexico . . . , Priest #1 Tank Battery TPH (mg/kg) 2,340 <50.0 3,530 1,100 1,220 DRO 52.9 110 898 114 888 . . , 1,310 <4.00 <8.00 <4.00 4.08 <4.00 GRO 11.9 134 272 726 702 1 In-Situ Removed × × × × × × × × Soil Status × × × × × × × Excavation Bottom Depth (ft) 0.5 0 õ = 0 ŝ 4 0 = . . = -0 BEB Sample Depth (ft) Bottom 1-1.5 Bottom 1-1.5 Bottom 1-1.5 1.5-2 Bottom 1-1.5 1.5-2 0-1 0-1 6-0-1 **Icavation Bottom Sample Results** 7/12/2013 7/12/2013 5/2/2013 7/12/2013 8/12/2013 5/2/2013 5/2/2013 Sample Date z

CS-2 CS-2

AH-3

<20.0 <20.0 3.240 5,120 5,520 62.8 6,320 4,160 9,600 4,000 <0.100 . r, . ĸ <0.100 . , i i. . 1 <0.100 . , . , . <0.100 ł. 1 , . . . <0.100 ŧ. . . 1 i <10.0 182 . . , , <10.0 182 . 1 8 . • <20.0 <10.0 , , 4 . 1 × × × × × × × 10, ÷ 4 N 4 õ à Bottom Bottom BEB BEB BEB BEB BEB 7/12/2013 8/12/2013 8/15/2013 5/2/2013 CS-3 CS-4 CS-4 AH4 Ŧ

1

HOBBS OCD

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## AUG 2 2 2013

# Table 1 Celero Energy Priest #1 Tank Battery Lea County, New Mexico

## RECEIVED

													A LAND	
Sample ID	Sample	BEB Sample	Excavation Bottom	Soil	Status		PH (mg/kg		Benzene	Toluene	Ethlybenzene	Xylene (mo/ka)	BTEX	Chloride (malka)
	nane	(u) under	Depth (ft)	in-Situ	Removed	GRO	DRO	Total	Inumul	IR IR	In all		(mg/kg)	
AH-5	5/2/2013	0-1	0		×	314	3,730	4,044	<0.100	<0.100	0.152	2.23	2.38	700
		1-1.5			×	1,100	5,670	6,770						787
		1.5-2			×	964	7,910	8,874		-		-		932
CS-5	7/12/2013	Bottom	3,		×	74.1	244	318	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	83.4
CS-5	8/12/2012	Bottom	4.	×		<10.0	69.2	69						
AH-6	5/2/2013	0-1	0		×	31.0	675	706	<0.100	<0.100	<0.100	0.150	0.150	140
		1-1.5			×			1.	Charles of Charles					227
CS-6	7/12/2013	Bottom	3,	×		6.31	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
AH-7	5/2/2013	0-1	0		×	31.3	1,750	1,781	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	208
		1-1.5			X	96.6	536	633		11. I. W.		-		222
CS-7	7/12/2013	Bottom	1 -	No. of Street	×	222	1170	1392	<0.0200	<0.0200	<0.0200	0.644	0.644	<20.0
CS-7	8/14/2013	Bottom	5,	×		146	1600	1746			,			•
								11.0						
1-3	8/16/2013	858	2'	×		327	2140	2467	,					
			4.	×		149	1200	1349	•			-	•	•
			.9	×		483	3550	4033	2			2.		
		1												
AH-8	5/2/2013	0-1	0		×	<8.00	739	739	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	1,250
		1-1.5			×	10-11		100		-	A CONTRACTOR OF	1.14	*	2,230
		2-2.5			×							-		2,700
CS-8	7/12/2013	Bottom	3:		×	11.5	201	213	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	730
CS-8	8/12/2013	Bottom	4'		×	<50.0	170	170		THE REAL PROPERTY IN	No. of Street, or Stre	NUMBER OF		256
CS-8	8/14/2013	Bottom	4.5	×		<10.0	80.4	80				•		
AH-9	5/2/2013	0-1	0		×	262	3,190	3,452	<0.0400	<0.0400	<0.0400	1.48	1.48	776
		1-1.5			×	122	442	564						1,090
		2-2.5			×	-		1000		1 141			1.	1,360
		3.3.5			×		*							1,140

<0.0200 <0.0200 <0.0200 <20.0

118 <0.0200 <0.0200

113

4.54

×

4

Bottom 3-3.5

7/12/2013 .

CS-9

## AUG 2 2 2013

# Table 1 Celero Energy Priest #1 Tank Battery Lea County, New Mexico

## RECEIVED

Sample BEB Sample Excavation	BEB Sample Excavation	Excavation	-	Soils	Status		TPH (mg/h	(8	Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Date Depth (ft) Bottom Depth (ft) In-Situ Removed G	Depth (ft) Depth (ft) In-Situ Removed G	Depth (ft) In-Situ Removed G	In-Situ Removed G	Removed	0	RO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg
5/2/2013 0-1 0 X 3	0-1 0 X 3	0 X 3	× 3	×	~	128	5,530	5,858	<0.100	0.156	0.514	4.41	5.08	257
- 1-1.5 " X 8	1-1.5 " X 8	8 × -	x x	X	~	372	1,310	2,182			1			267
- 22.5 - X 0	2-2-5 * X	* ×	×	×	Ű	374	1,280	1,954				t	N + N	184
7/12/2013 Bottom 3' X <	Bottom 3' X <	3' X <	× ×	××	V	8.00	448	448	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	349
8/14/2013 Bottom 5' X	Bottom 5' X	5' X	×			263	4640	4903				,		48
													1	
8/16/2013 BEB 2' X	1 BEB 2' X	2' X	×			95.4	1610	1705.4						•
4' X	4' X	4. X	×		_	280	3440	3720					,	•
6' X	6' X	6' X	×			395	3920	4315				×	1	
8' X	8' X	8' X	×			340	2760	3100				•		
5/2/2013 0-1 0 X	0-1 0 X	X 0	×	×		244	4,470	4,714	<0.0400	0.180	0.863	3.27	4.31	577
" 1-1.5 " X 6	1-1.5 " X 6	" X 6	×	×		352	834	1,486		-	*	-	10.00	1,010
7/12/2013 Bottom 4' X <	Bottom 4' X <	4' X <	×	X	V	4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	390
8/13/2013 Bottom 5' X	Bottom 5' X	5' X	×					*						64
5/2/2013 0-1 0 X 2	0-1 0 X 2	2 X 0	×	×		9.2	1,450	1,479	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<20.0
7/12/2013 Bottom 4' X '	Bottom 4' X	4' X X	×	×		1250	1350	2600	<0.100	<0.100	3.5	18.9	22.4	<20.0
8/13/2013 Bottom 6' X	Bottom 6' X	6' X	×			112	1920	2,032						•
8/15/2013 BEB (3 <sup>3</sup> ) 2' X	1 BEB (%) 2' X	(3') 2' X	×			174	1640	1,814					•	
BEB (( <sup>[3</sup> )4' X <	BEB (10 <sup>3</sup> )4' X <	(10 <sup>3</sup> )4 <sup>4</sup> X <	×	v	V	10.0	<10.0	<10.0	•			,		•
5/2/2013 0-1 0 X 7	0-1 0 X 7	0 X X	X X	X 7	~	.56	409	417	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,670
" 1-1.5 " X	1-1.5 " X	× .	×	×							1. 5	-	in the second	1,610
7/12/2013 Bottom 4' X ·	Bottom 4' X	4 X X	×	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	891
8/14/2013 Bottom 6' X	Bottom 6' X	6' X	×			<10.0	<10.0	<10.0						864
8/16/2013 BEB 2' X	BEB 2' X	2' X	×			•	÷	1				x		592
BEB 4' X	BEB 4' X	4' X	×		_	,								320

Not Analyzed Below Excavation Bottom Soil Excavated/ Removed

(-) (BEB)

						Celei	Table 2 ro Energy					AUG 2	2 2013
					Le F	Priest #1	1 Tank Bat ty, New M	tery exico		SIDEW	S-TH	RECE	IVED
		Sample	Soil S	status		TPH (mg	(kg)	Benzene	Toluene	Ethivbenzene	Xvlene	Total	Chloride
Sample ID	Sample Date	Location	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
Excavation	Sidewall Sample	Results							ALC: NO				
CS-14	7/12/2013	NW Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-15	7/12/2013	N Sidewall		×	10.2	662	672	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-15	8/13/2013	N Sidewall	×		<50.0	<50.0	<50.0		•				
CS-16	7/12/2013	N Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
													-
CS-17	7/12/2013	N Sidewall	×		5.57	63.2	68.8	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-18	7/12/2013	N Sidewall	×		<4.00	140	140	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-19	7/12/2013	S Sidewall	×		<4.00	150	150	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	127
CS-20	7/12/2013	S Sidewall		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	385
CS-20	8/13/2013	S Sidewall	- Marine	×	1	-		AND TOTAL	-	-	No.	-	1,730
CS-20	8/15/2013	S Sidewall		×	1	-	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		New Them	-		Ship ways	368
	8/19/2013	S Sidewall	×		1	1	•			t			224
CS-21	7/12/2013	S Sidewall	×		<4.00	115	115	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	87.5
CS-22	7/12/2013	SW Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-23	7/12/2013	S Sidewall		×	10.6	6,050	6,061	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	87.5
CS-23	8/13/2013	S Sidewall	×		<50.0	<50.0	<50.0			1		•	
CS-24	7/12/2013	SE Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0

### Table 2 Celero Energy Priest #1 Tank Battery Lea County, New Mexico

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Camula ID	Cample Date	Sample	Soil	Status		TPH (mg	(kg)	Benzene	Toluene	Ethlybenzene	Xylene	RTFX	Chloride
		Location	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(malka)	(mg/kg)
Sidewall S	ample Results											No. No.	
CS-25	7/12/2013	NE Sidewall		×	<4.00	135	135	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,040
CS-25	8/13/2013	NE Sidewall	×		r	1		1			i.		256
CS-26	7/12/2013	N Sidewall		×	<4.00	364	364	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	298
CS-26	8/13/2013	N Sidewall	×		<10.0	<10.0	<10.0						,
CS-27	7/12/2013	S Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	406
CS-28	7/12/2013	E Sidewall		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	2,160
	8/16/2013	E Sidewall	×			4							3,560
											1 m		
CS-29	7/12/2013	N Sidewall		×	<4.00	978	978	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	25.7
	7/14/2013	N Sidewall	×		<10.0	<10.0	<10.0		4	-	1		•
CS-30	7/12/2013	W Sidewall	1000	×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	3,600
	8/16/2013	W Sidewall	×		•			,	•			1	3,360

(-) Not Analyzed (BEB) Below Excavation Bottom Soll Excavated/ Removed

## Lea County, New Mexico Celero Energy Priest #1 Tank Battery Table 1

					S.													0	57		- BACK							B	
					DRILL						$\wedge$							STRREE	CUERNA	5	MAM	DI	In					STRATURE	
Chloride	(mg/kg)	<20.0	<20.0	62.8	3,240	6,320	5,120	4,160	5,520	9,600	4,000	7,760	3,840	1,980	1,540	624	560	672	624	784	1,170	1,520	1,920	1,060	2,080	1,760	1,170	416	
Total	(mg/kg)	<0.0400		-	<0.100							,												,		,			
Xylene	(mg/kg)	<0.0400	101-11	1	<0.100			•	1			,	•									4	•	,				•	
Ethlybenzene	(mg/kg)	<0.0400		1 10 - 10 al 1	<0.100			•																		,		-	
Toluene	(mg/kg)	<0.0400	51 - 11 - 12	1	<0.100		,	•			•	•			•		•		,	•					•			÷	
Benzene	(mg/kg)	<0.0400	-	-	<0.100				•						•														
(6	Total	1,220	114	-	182	<10.0			•							1		•				•							
<b>FPH (mg/k</b>	DRO	1,220	114		182	<10.0										1	•						1	-		,			
	GRO	<8.00	<4.00		<20.0	<10.0	•		•		•	•	•	-	,	•		•	,	,	-	×	,	•	•	,	1	•	
I Status	Removed	×	×	×	×																								
n Soi	In-Situ					×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	
Excavatio	Depth (ft)	0			1	4	4					4																	
BEB Sample	Depth (ft)	0-1	1-1.5	2-2.5	Bottom	Bottom	2'	4'	6'	8	10'	0-1	2-3	5-6	7-8	10-11	15-16	20-21	25-26	30-31	35-36	40-41	45-46	50-51	55-56	60-61	65-66	70-71'	
Sample	Date	5/2/2013	E	2	7/12/2013	8/12/2013	8/15/2013					9/16/2013																	
Comple ID	orinitie	AH-4			CS-4	CS-4	T-1					SB-1																	

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Table 1 Celero Energy Priest #1 Tank Ratterv	Lea County, New Mexico
Table 1 Celero Energy Priest #1 Tank Ratterv	ea County, New Mexico

_		_	_	11	CF		_			CY O			_			_		_			_	_		640	A/hind	11112
Chlorida	(mg/kg)		700	787	932	83.4	1		140	227	<20.0		208	222	<20.0	•		,		,			•			
Total	BTEX (ma/ka)	10.0	2.38	-	-	<0.0400			0.150		<0.0200		<0.0400		0.644	•	,	•		,			,			
Xviana	(mg/kg)		2.23	1000	-	<0.0400	1		0.150	-	<0.0200		<0.0400	-	0.644	1	•	•			1	,	•	1		
Ethlyhanzana	(mg/kg)		0.152		A STATE OF STATE	<0.0400		and the second	<0.100	-	<0.0200		<0.0400		<0.0200	•						,			,	
Toluene	(mg/kg)		<0.100		大学	<0.0400	,		<0.100		<0.0200		<0.0400	-	<0.0200		,	,		1						
Renzene	(mg/kg)		<0.100		11 - N	<0.0400			<0.100		<0.0200	No. of Street,	<0.0400	10 - 10 A	<0.0200			,		1	1	,			,	
a)	Total		4,044	6,770	8,874	318	69		706	-	<50.0		1,781	633	1392	1,746	2,467	1,349	4,033	4,623.2	3,448.4	9.999.6	599.9	30.8	11.6	<10.0
TPH (ma/k	DRO		3,730	5,670	7,910	244	69.2		675	•	<50.0		1,750	536	1170	1600	2140	1200	3550	4574	3415	973	582.5	30.8	11.6	<10.0
	GRO		314	1,100	964	74.1	<10.0		31.0	-	6.31	518 (8)	31.3	96.6	222	146	327	149	483	49.2	33.4	26.6	17.4	<10.0	<10.0	<10.0
Status	Removed		×	X	×	×			×	×			×	×	×											
Soi	In-Situ		Ene of				×				×	1 ALLAND				×	×	×	×	×	×	×	×	×	×	×
Excavation	Bottom Depth (ft)		0			3	4	and the state	0		e		0		1	5	5			5			1	•	•	•
BEB Sample	Depth (ft)		0-1	1-1.5	1.5-2	Bottom	Bottom		0-1	1-1.5	Bottom		0-1	1-1.5	Bottom	Bottom	2'	4'	6	0-1	2-3	5-6	7-8	10-11	15-16	20-21
Sample	Date		5/2/2013	:	-	7/12/2013	8/12/2012		5/2/2013	=	7/12/2013		5/2/2013		7/12/2013	8/14/2013	8/16/2013			9/16/2013	9/16/2013	9/16/2013	9/16/2013	9/16/2013	9/16/2013	9/16/2013
	sample IU		AH-5			CS-5	CS-5		AH-6		CS-6		AH-7	-	CS-7	CS-7	T-3			SB-3						

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### Lea County, New Mexico Priest #1 Tank Battery Celero Energy Table 1

(mg/kg) Chloride 1,250 1,360 2,230 2,700 1,090 730 256 776 . <0.0400 <0.0400 <0.0200 (mg/kg) Total BTEX 1.48 . 1 . ī 1 <0.0200 Xylene (mg/kg) 1.48 , a, . 1 1 Ethlybenzene (mg/kg) <0.0400 <0.0200 <0.0400 . 1 1 <0.0400 <0.0400 <0.0200 <0.0400 Toluene (mg/kg) 1 1 . . Benzene (mg/kg) <0.0200 <0.0400 1 1 1 1 . 3,452 Total 213 739 170 564 80 . . 1 TPH (mg/kg) 3,190 DRO 80.4 739 201 170 442 . . 4 <8.00 <50.0 <10.0 11.5 GRO 262 122 1 1 . Bottom Depth (ft) In-Situ Removed Soil Status × × × × × × × × × × Excavation 4.5 4 0 0 3 BEB Sample Depth (ft) Bottom Bottom Bottom 1-1.5 2-2.5 1-1.5 2-2.5 3-3.5 0-1 0-1 8/12/2013 8/14/2013 7/12/2013 5/2/2013 5/2/2013 Sample = = = = = Sample ID AH-8 CS-8 CS-8 CS-8 AH-9

OK 1,140 <20.0 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 .

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Bottom

7/12/2013

CS-9

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## Lea County, New Mexico Celero Energy Priest #1 Tank Battery Table 1

are         Depth (m)         Depth (m)         Lensine         GRO         Dro         Total         (mg/kg)	-	Sample	BEB Sample	Excavation	Soil S	status	T	PH (mg/kg	(B	Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Date		Depth (ft)	Bottom Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	12/2	013	0-1	0		×	244	4,470	4,714	<0.0400	0.180	0.863	3.27	4.31	577	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-		1-1.5			×	652	834	1,486		-		1	A.	1,010	thuy no in a
2013       Bottom       (4)       X       -       -       -       -       -       -       -       -       -       -       -       64       -       -       -       -       -       64       -       -       -       -       -       64       -       -       -       -       64       -       -       -       -       -       64       -       -       -       -       -       64       -	12	/2013	Bottom	4	1000	×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	390	2.0 0.5
2013       0-1       0       X       29.2       1.450       1.478       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0400       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100       <0.0100	13	1/2013	Bottom	(4)	×		,		•	,	•		•		64	101
				G M	10,01	PLP.	F								5	
72013         0-1         0         X         29.2         1,450         1,479         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>the second second</td> <td></td> <td></td> <td></td> <td></td> <td>1. · · · ·</td> <td></td>										the second second					1. · · · ·	
	121	2/2013	0-1	0		×	29.2	1,450	1,479	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<20.0	
3/2013         Bottom         6         X         112         1920         2,032         -         1         0	-	2/2013	Bottom	4		×	1250	1350	2600	<0.100	<0.100	3.5	18.9	22.4	<20.0	
52013     2'     6     X     174     1640     1,814     -     0     0     0       12013     0-1     0     X     7.56     409     417     <0.0200	5	3/2013	Bottom	9	×		112	1920	2,032	,	,				•	0
4'     X     < <10.0     <10.0     <10.0     <10.0     <10.0     <10.0       1/2013     0-1     0     X     7.56     409     417     <0.0200	5	5/2013	2'	9	×		174	1640	1,814							1040
1/2013       0-1       0       X       7.56       409       417       <0.0200       <0.0200       <0.0200       <0.0200       1,670         "       1-1.5       X       X       -       -       -       -       1,670       1,670         2/2013       Bottom       4       X       -       -       -       -       1,610         2/2013       Bottom       4       X        -       -       -       1,610         2/2013       Bottom       4       X        -       -       -       -       1,610         2/2013       5       4       X        -       -       -       -       -       1,610         4/2013       6       X       -       -       -       -       -       -       1,610         4       X       -       -       -       -       -       -       -       1,610         2/2013       6       X       -       -       -       -       -       -       -       1,610         4/2013       2       4       X       -       -       -       -       - <t< td=""><td></td><td></td><td>4'</td><td></td><td>×</td><td></td><td>&lt;10.0</td><td>&lt;10.0</td><td>&lt;10.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td>509.01</td></t<>			4'		×		<10.0	<10.0	<10.0							509.01
72013         0-1         0         X         7.56         409         417         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0									and the second		New York					
"         1-1.5         X         -         -         -         -         1,610           2/2013         Bottom         4         X         <4.00	15	2/2013	0-1	0	110	×	7.56	409	417	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,670	
2/2013         Bottorn         4         X         <4.00         <50.0         <0.0200         <0.0200         <0.0200         891           4/2013         6         X         <10.0			1-1.5			×		10.4	-		-		1	- 1	1,610	
4/2013 6 X <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <	5	2/2013	Bottom	4		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	891	
6/2013 2 4 X 592 8/13()	E	4/2013	66	1	×	1	<10.0	<10.0	<10.0	1 N	V v	2 ma	$\left( \right)$	N	864	
4 X 320 370	Ē	6/2013	2	4	×						a.		•		592	SUB12
			4		×				•			•	•	•	320	200

Not Analyzed Below Excavation Bottom Soil Excavated/ Removed (-) (BEB)

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### Table 2 Celero Energy Priest #1 Tank Battery Lea County, New Mexico

EIVED	tal Chloride	kg) (mg/kg)		200 <20.0	200 <20.0	•	200 <20.0	200 <20.0	200 <20.0		200 127	200 385	1,730	368	224	200 87.5	200 <20.0	200 87.5	*	200 <20.0	
REC	Tot	(mg/		0.0>	0.0> 0.0		0.0> 0	0.0> 0	0.0>	_	0.0> 0	0.0> 0.0	-			0.0> 0	0.0> 0	0.0> 0.0		0.0> 0	
	Xylene	(mg/kg)		<0.0200	<0.0200		<0.0200	<0.0200	<0.0200		<0.0200	<0.0200	•	-	•	<0.0200	<0.0200	<0.0200		<0.0200	
	Ethlybenzene	(mg/kg)		<0.0200	<0.0200		<0.0200	<0.0200	<0.0200		<0.0200	<0.0200				<0.0200	<0.0200	<0.0200		<0.0200	
	Toluene	(mg/kg)		<0.0200	<0.0200		<0.0200	<0.0200	<0.0200		<0.0200	<0.0200				<0.0200	<0.0200	<0.0200	•	<0.0200	
stico	Benzene	(mg/kg)		<0.0200	<0.0200		<0.0200	<0.0200	<0.0200		<0.0200	<0.0200				<0.0200	<0.0200	<0.0200		<0.0200	
ty, New Me	/kg)	Total		<50.0	672	<50.0	<50.0	68.8	140		150	<50.0				115	<50.0	6,061	<50.0	<50.0	
a Cour	TPH (mg	DRO		<50.0	662	<50.0	<50.0	63.2	140		150	<50.0	1			115	<50.0	6,050	<50.0	<50.0	
Le		GRO		<4.00	10.2	<50.0	<4.00	5.57	<4.00		<4.00	<4.00	•			<4.00	<4.00	10.6	<50.0	<4.00	
	Status	Removed			×							×	×	×				×			
	Soil	In-Situ		×		×	×	×	×		×				×	×	×		×	×	
	Sample	Location	Results	NW Sidewall	N Sidewall		S Sidewall	SW Sidewall	S Sidewall	S Sidewall	SE Sidewall										
		Sample Date	Sidewall Sample	7/12/2013	7/12/2013	8/13/2013	7/12/2013	7/12/2013	7/12/2013		7/12/2013	7/12/2013	8/13/2013	8/15/2013	8/19/2013	7/12/2013	7/12/2013	7/12/2013	8/13/2013	7/12/2013	
		Sample ID	Excavation S	CS-14	CS-15	CS-15	CS-16	CS-17	CS-18		CS-19	CS-20	CS-20	CS-20		CS-21	CS-22	CS-23	CS-23	CS-24	

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			2 K				01 and	AND TO PAR	CLS			40		542	
Chloride	(mg/kg)		1,040	256	298	,	406 H		2,160	3,560	25.7		3,600	3,360	
BTEX	(ma/ka)		<0.0200		<0.0200		<0.0200		<0.0200		<0.0200		<0.0200	×	
Xylene	(mg/kg)	ALC: NO	<0.0200		<0.0200		<0.0200		<0.0200		<0.0200		<0.0200		
Ethlybenzene	(mg/kg)	(and and the second	<0.0200	×	<0.0200		<0.0200		<0.0200		<0.0200	1	<0.0200		
Toluene	(mg/kg)		<0.0200		<0.0200		<0.0200		<0.0200		<0.0200	e.	<0.0200		
Benzene	(mg/kg)		<0.0200		<0.0200		<0.0200		<0.0200		<0.0200		<0.0200		
kg)	Total		135		364	<10.0	<50.0		<50.0		978	<10.0	<50.0		
TPH (mg/	DRO		135	×	364	<10.0	<50.0		<50.0	•	978	<10.0	<50.0	•	
	GRO		<4.00		<4.00	<10.0	<4.00		<4.00	E.	<4.00	<10.0	<4.00	)	
Status	Removed		×		×				×		×		×		
Soil S	In-Situ			×		×	×			×		×		×	
Sample	Location		NE Sidewall	NE Sidewall	N Sidewall	N Sidewall	S Sidewall		E Sidewall	E Sidewall	N Sidewall	N Sidewall	W Sidewall	W Sidewall	
Cample Date		mple Results	7/12/2013	8/13/2013	7/12/2013	8/13/2013	7/12/2013		7/12/2013	8/16/2013	7/12/2013	7/14/2013	7/12/2013	8/16/2013	
Cample ID		Sidewall Sal	CS-25	CS-25	CS-26	CS-26	CS-27		CS-28		CS-29		CS-30		

Not Analyzed

Below Excavation Bottom Soil Excavated/ Removed (-) (BEB)

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## Priest #1 Tank Battery Lea County, New Mexico Celero Energy Table 1

2013	
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AUG	

EIVED

Chlorida (mg/kg)

<20.0

155

<20.0 67.8

Total BTEX (mg/kg) <0.0200 <0.0200 2.00 . Xylene (mg/kg) 1.51 . Ethlybenzene (mg/kg) <0.0200 0.440 . . Toluene (mg/kg) <0.0200 <0.0200 0.0450 1 Benzene (mg/kg) <0.0400 . 4,256 1,590 2,410 114 Total TPH (mg/kg) 3,530 1,100 DRO 110 888 1,310 **GRO** 726 702 4.08 Removed × × Soil Status × In-Situ × Excavation Depth (ft) Bottom 0 . è . BEB Sample Depth (ft) Bottom Hole 1-1.5 1.5-2 0-1 7/12/2013 5/2/2013 Sample . . Sample ID AH-1 CS-1

OK

	AH-2	5/2/2013	, 0-1	0		×	134	898	1,032	<0.100	<0.100	<0.100	<0.100	<0.100	741
			11 1-1.5		1	×	272	2,340	2,612				•		-111
1															
242	CS-2	7/12/2013	Bottom Hole	3.	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	959
Ĩ															
	AH-3	5/2/2013	0.1	0	12.20	X	110	62.0	040	10,0400	10000	VUIDU	NOTO OF	00000-	1000

	AH-3	5/2/2013	0-1	0		×	11.9	52.9	64.8	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<20.0
		3	1-1.5		×					,					<20.0
		z	1.5-2		×				,						77.5
XON	CS-3	7/12/2013	Bottom Hole	0.5	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
is los															
151.															
ML	AH-4	5/2/2013	0-1	0	Service Service	×	<8.00	1,220	1,220	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<20.0
		=	1-1.5	2	×		<4.00	114	114			•			<20.0

30.0

1 KE

TPH/UL

000

HOB3S OCD

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140

0.150

0.150

<0.100

<0.100 <0.100

706

675

31.0

× ×

0 =

0-1 1-1.5

5/2/2013

AH-6

z

à

<20.0

<0.0200

<0.0200

<0.0200

<50.0

<50.0

6.31

×

è

Bottom Hole

7/12/2013

CS-6

OK

<0.0200 <0.0200

-

	Campio ID	Sample	BEB Sample	Excavation	SoilS	tatus	F	PH (mg/kg		Benzene	Toluene	Ethivbenzene	Xviene	Total	Chloride
	Calinguation	Date	Depth (ft)	Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
	AH-7	5/2/2013	0-1	0		×	31.3	1,750	1,781	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	208
/			1-1.5			×	96.6	536	633			-			222
Hat /	CS-7	7/12/2013	Bottom Hole	1.	×		222	1170	1392	<0.0200	<0.0200	<0.0200	0.644	0.644	<20.0
	AH-8	5/2/2013	0-1	0		×	<8.00	739	739	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	1,250
		r	1-1.5			×	•	N					•	•	2,230
			2-2.5			×	•				+				2,700
HING	CS-8	7/12/2013	Bottom Hole	3,	×	Π	11.5	201	213	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	730
	AH-9	5/2/2013	0-1	0		×	262	3,190	3,452	<0.0400	<0.0400	<0.0400	1.48	1.48	776
		=	1-1.5		101.10	×	122	442	564			100 - 10 - 10 - 10 - 10 - 10 - 10 - 10	•		1,090
			2-2.5			×	-	5 - MG	1.						1,360
			3-3.5			×	•				*		•		1,140
OK	CS-9	7/12/2013	Bottom Hole	4'	×		4.54	113	118	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
/	AH-10	5/2/2013	0-1	0		×	328	5,530	5,858	<0.100	0.156	0.514	4.41	5.08	257
_			1-1.5			×	872	1,310	2,182				14 - N		267
>			2-2.5			×	674	1,280	1,954					•	184
THACK	CS-10	7/12/2013	Bottom Hole	3,	×	Π	<8.00	448	448	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	349
									J						
	AH-11	5/2/2013	0-1	0		×	244	4,470	4,714	<0.0400	0.180	0.863	3.27	4.31	577
/			1-1.5			×	652	834	1,486		· · · ·		•	•	1,010
CC	CS-11	7/12/2013	Bottom Hole	4'	×	Π	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	390
	AH-12	5/2/2013	0-1	0		×	29.2	1,450	1,479	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<20.0
HAL	CS-12	7/12/2013	Bottom Hole	4'	×	Π	1250	1350	2600	<0.100	<0.100	3.5	18.9	22.4	<20.0
/	AH-13	5/2/2013	0-1	0		×	7.56	409	417	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,670
7.0			1-1.5			×							10-10	•	1,610
577	CS-13	7/12/2013	Bottom Hole	4.	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	891

(-) (BEB)

Not Analyzed Below Excavation Bottom Excavation Depths

Priest #1 Tank Battery Lea County, New Mexico Table 1 (continue) Celero Energy

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	Completion ID	Comple Date	Sample	Soil S	itatus	1000	TPH (mg/	(kg)	Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
	sample ID	sample uate	Location	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
	Sidewall Sa	mples Results							1					
Z	CS-14	7/12/2013	NW Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
THE	CS-15	7/12/2013	N Sidewall	×		10.2	662	672	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
y	CS-16	7/12/2013	N Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
A	CS-17	7/12/2013	N Sidewall	×		5.57	63.2	68.8	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
A	CS-18	7/12/2013	N Sidewall	×		<4.00	140	140	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
X	CS-19	7/12/2013	S Sidewall	×		<4.00	150	150	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	127
L	CS-20	7/12/2013	S Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	385
H	CS-21	7/12/2013	S Sidewall	×		<4.00	115	115	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	87.5
NO	CS-22	7/12/2013	SW Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
HAT	CS-23	7/12/2013	S Sidewall	×	Π	10.6	6,050	6,061	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	87.5
NO K	CS-24	7/12/2013	SE Sidewall	×	Π	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
3	CS-25	7/12/2013	NE Sidewall	×		<4.00	135	135	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	(1,040)
Hell	CS-26	7/12/2013	N Sidewall	×		<4.00	364	364	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	298
5	CS-27	7/12/2013	S Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	406
T	CS-28	7/12/2013	E Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	2,160
HAL	CS-29	7/12/2013	N Sidewall	×		<4.00	978	978	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	25.7
L	CS-30	7/12/2013	W Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	3,600

(-) Not Analyzed











Dawn By: Isabel Marpolejo



Drawn By: Isabel Marmolejo



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November 26, 2013

Mr. Geoffrey Leking Environmental Engineer Specialist Oil Conservation Division, District 1 1625 North French Drive Hobbs, New Mexico 88240

anneved Environmental Specialist NMOCD - DIST I 0114/14

#### Re: Assessment and Work Plan for the Celero Energy II LP, Priest #1 Tank Battery, Section 1, Township 15 South, Range 37 East, Lea County, New Mexico

#### Mr. Leking:

Tetra Tech, Inc. was contacted by Celero Energy II, LP (Celero) to assess the soils at the abandoned Priest #1 Tank Battery located in Unit D, Section 1, Township 15 South, Range 37 East, Lea County, New Mexico (Abandon Tank Battery). The Abandoned Tank Battery site coordinates are N 33.04994°, W 103.15944°, which is shown on Figures 1 and 2.

#### Background

Celero acquired certain oil and gas properties from Saber Resources, LLC, et al (Saber) effective August 1, 2008, including but not limited to various oil and gas leases covering lands located in the N/2 of the above described Section 1 (Priest Lease). A new tank battery had been constructed in approximately 2004 to service the Priest Lease (New Tank Battery). The Abandon Tank Battery is located approximately 0.1 mile east of the New Tank Battery.

At the time Celero acquired the Priest Lease, Saber advised that they did not utilize the Abandon Tank Battery as Operator of the Priest Lease, and that same was not part of the sale to Celero. Saber further advised that the Abandon Tank Battery was previously the subject of that certain lawsuit styled as Darr Angell, Individually, and State of New Mexico ex rel, Darr Angell v Polaris Production Corporation (D.C. No. CIV-03-318 JCH/RLP-D. New Mexico), in which the Plaintiff's claims were dismissed with prejudice in their entirety by Judgment dated January 19, 2007 of the United States District Court, District of New Mexico. Subsequently, the United States Court of Appeals affirmed the District Court Judgment by Order and Judgment filed June 4, 2008. File notes also indicate there may have been an old pipeline located near the Abandon Tank

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Battery, and a couple of monitor wells were believed to have been drilled in this vicinity by the surface owner.

Celero, nor its transferor, did not utilize the Abandon Tank Battery in its operations of the Priest Lease. However, at the time Celero acquired the Priest Lease from Saber, Celero filed an NMOCD form C-104 for an inactive well known as the Priest No. 4 Well, that was the only well connected to the Abandon Tank Battery. Effective August 1, 2012, Celero sold the Priest Lease to Resolute Natural Resources Southwest, LLC, and it became necessary to plug and abandon the inactive Priest No. 4 well. As a result of the plug and abandonment of said well, being the last well connected to the Abandon Tank Battery, Celero voluntarily decided to dismantle the Abandon Tank Battery and initiated contact with the NMOCD relative to the reclamation of such site.

#### Groundwater

According to the New Mexico State Engineers Office database, the nearest wells to the site showed with an average depth to water of approximately 45' below ground surface. On the NMOCD groundwater map, the groundwater depth in this area is reported at approximate depths of 40'- 55' below surface. Based on the soil assessment performed at the site, the depth to water is approximately at 70' to 75' below surface. The groundwater data is shown in Appendix A.

#### Regulatory

A risk-based evaluation was performed for the Site in accordance with the New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills and Releases, dated August 13, 1993. The guidelines require a risk-based evaluation of the site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) and total petroleum hydrocarbons (TPH) in soil. The proposed RRAL for benzene was determined to be 10 parts per million (ppm) or milligrams per kilogram (mg/kg) and 50 ppm for total BTEX (sum of benzene, toluene, ethylbenzene, and xylene). Due to the variation in reported depths to water, it is proposed to measure available vicinity water wells at the start of remediation in order to determine if the proposed RRAL for TPH is 1,000 mg/kg.

#### Soil Assessment and Results

On May 2, 2013, Tetra Tech personnel inspected and sampled the tank battery area to evaluate the soils. A total of thirteen (13) auger holes (AH-1 through AH-13) were installed using a stainless steel hand auger to assess the impacted soils. Selected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix B. The sampling results are summarized in Table 1. The auger hole locations are shown on Figure 3.

Referring to Table 1, none of the samples exceeded the RRAL for BTEX. Auger holes (AH-1, AH-2, AH-5, AH-10, AH-11 and AH-12) all exceeded the RRAL of 1,000



mg/kg in the shallow soils, which were not vertically defined. The areas of AH-4, AH-7, and AH-9 also showed TPH concentrations above the RRAL, but decreased with depth below the RRAL in the shallow soils. Auger hole (AH-3, AH-6, AH-8 and AH-13) did not show any impact above the RRAL for TPH.

The areas of AH-8, AH-9, AH-11 and AH-13 also showed a limited chloride impact to the soils. These areas showed bottom auger hole samples of 2,700 mg/kg (2-2.5'), 1,140 mg/kg (3-3.5'), 1,010 mg/kg (1-1.5') and 1,610 mg/kg (1-1.5'), respectively. Deeper samples were not collected due to the dense formation at the site. The remaining auger holes did not show a significant chloride impact to the soils.

#### Site Remediation and Sampling

Prior to implementing the remediation, Celero removed all the equipment from the tank battery. Based on the sampling, the impacted areas were segregated into quadrants for the remediation and confirmation sampling. The excavation depths ranged from 0.5' to 4.0' below surface. All the excavated soil was hauled for proper disposal.

On July 12, 2013, Tetra Tech collected bottom hole confirmation samples (CS-1 through CS-13) for the appropriate contaminant of concern (TPH or chloride) for that quadrant. In addition, sidewall confirmation samples (CS-14 through CS-30) were collected from the excavation. Samples were delivered to Cardinal Laboratories and selected samples were analyzed for TPH analysis by EPA method 8015 modified and chloride by EPA method SW4500CL-B. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix B. The sampling results are summarized in Table 1 and Table 2. The confirmation samples are shown on Figure 4.

Based on the results, the bottom holes CS-1, CS-3, CS-6 and CS-9 did not show an impact above the RRAL or significant chloride concentrations including the sidewall confirmation samples CS-14, CS-16, CS-17, CS-18, CS-21, CS-22, CS-24 and CS-27. The remaining areas (bottoms and sidewalls) showed elevated chlorides or TPH concentrations above the RRAL.

On August 8, 2013, Tetra Tech and Celero met with the NMOCD in Hobbs, New Mexico to discuss the remedial activities and sampling data. Based on the results, additional excavation and delineation was recommended by the NMOCD.

On August 12, Tetra Tech was onsite to excavate the selected areas that exceeded the RRAL or to remove the elevated chlorides. The selected areas were excavated at depth ranging from 4.0' to 6.0' below surface, including the selected sidewalls. Once excavated, confirmation samples were collected for analysis. The sampling results are summarized in Table 1 and Table 2. The excavation depths are shown on Figure 4.

Referring to Table 1 and Table 2, majority of the bottom confirmation samples did not show a significant chloride impact or TPH above the RRAL. However, several of the bottom holes areas were not vertically defined. Based on the results, Tetra Tech

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installed four (4) trenches in the areas of CS-4 (T-1), CS-7 (T-3), CS-10 (T-4), CS-12 (T-2) and CS-13 (T-5) to define the vertical extents. The sidewall samples showed acceptable concentrations, except for the areas of CS-28 and CS-30 with chloride concentrations of 3,560 mg/kg and 3,360 mg/kg, respectively.

The areas of CS-12 (T-2) and CS-13 (T-5) were vertically defined for at depth declining at 4.0' below excavation bottom. The remaining areas CS-4 (T-1), CS-7 (T-3) and CS-10 (T-4) were not vertically defined. The area of CS-4 (T-1) showed a chloride concentration of 4,000 mg/kg at 10.0' below excavation bottom. In addition, the areas of CS-7 (T-3) and CS-10 (T-4) showed TPH concentrations of 4,033 mg/kg and 3,100 mg/kg, respectively. As approved by the NMOCD, soil borings were installed in these areas.

#### Soil Boring Installation

**TETRA TECH** 

On September 16, 2013, Tetra Tech supervised the installed of soil borings. The soil borings were installed using air rotary rig and collected discrete soil samples to define extents. The soil borings (SB-1, SB-2 and SB-3) were installed in the areas of CS-4, CS-7 and CS-10 to a depths ranging from 20.0' to 70.0' below excavation bottom. The soil boring locations are shown on Figure 4. The soil boring results are shown in Table 1.

Referring to Table 1, the areas of CS-7 (SB-3) and CS-10 (SB-2) showed TPH concentrations vertically defined below the RRAL at 7-8' and 25-26' below excavation bottom. The area of CS-4 (SB-1) showed a deeper impact to the soils. The chloride concentrations declined with depth at approximately 15.0' to 560 mg/kg, but spiked from 35.0' to approximately 55.0' and declined again with depth to 416 mg/kg at 70-71'.

#### Work Plan

#### Proposed Excavation

On October 9, 2013, Tetra Tech and Celero met with NMOCD to discuss the remediation, sampling and soil boring sampling results. Based on the data, the NMOCD requested addition excavation and capping selected areas to prevent vertical migration of any impact remaining in the subsurface soils.

The proposed excavation areas and depths are highlighted in Table 1 and 2 and shown on Figure 5. All the excavated soil will be transported to proper disposal. The sidewalls (CS-28 and CS-30) will be excavated and resampled to confirm the removal of the impacted soils. The bottom areas of CS-7 and CS-12 will be excavated to depths of approximately 8.0' to 12.0' below surface to remove the soil exceeding the TPH RRAL.



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As approved, the areas of CS-10 and CS-13 will be capped with a 40 mil liner at 5.0' to 6.0' in the excavation bottoms. Due to the limited area and declining chlorides, the area CS-4 will be excavated to approximately 10.0' to 15.0' below surface to remove the chlorides encountered in the upper soil. Once excavated to the appropriate depth, the area of CS-4 will be backfilled with clean soil to a depth of 4.0' and capped with a 40 mil liner in the excavation bottom to prevent vertical migration of any remaining impact in the subsurface soils and backfilled to grade with clean soil.

Once completed, all the excavated soil will be hauled to proper disposal. The excavations will then be backfilled with clean soil to grade.

The proposed excavation depths may not be reached due to wall cave ins, dense formation and may not be feasible or practicable to be removed due to safety concerns. As such, Tetra Tech will excavate the soils to the maximum extent practicable. If the deeper excavation cannot be completed, the area or areas will be lined with a 40 mil liner at approximately 4.0' below surface.

Once all the above described proposed activities are performed, Tetra Tech will prepare a closure report detailing all of the remedial activities that will be submitted to the NMOCD for the final approval and closure of remediation associated with the Abandoned Tank Battery. If you require any additional information or have any questions or comments concerning this work plan, please call at (432) 682-4559.

Respectfully submitted, TETRA FECH

Ike Tavarez, P.G. Project Manager

CC.

Bruce Woodard - Celero Evan Wahob - Celero

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Duwn By: Izabel Marmulajo









Drawn By Alan McClenahan



rown By: Alon McClanahan

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	Samola	RFR Semule	Excevation	Soils	status		PH (ma/k		Banana	Tabuan	Patrick and an	Videos	Total	Chindlen of the
Sample ID	Date	Depth (ft)	Bottom Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(By/6w)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
Excevation Botto	m Sample Res	putts												
AH-1	5/2/2013	0-1	0		×	726	3,530	4,256	<0.0400	0.0450	0.440	1.51	2.00	<20.0
		1-1.5			×	702	888	1,590						155
	•	1.5-2			×	1,310	1,100	2,410			•	-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	67.8
CS-1	7/12/2013	Bottom	8	×		4.08	110	114	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
AH-2	5/2/2013	0-1	0	1120	×	134	898	1,032	<0.100	<0.100	<0.100	<0.100	<0.100	741
		1-1.5			×	272	2,340	2,612		-		-		111
CS-2	7/12/2013	Bottom	3		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	959
CS-2	8/12/2013	Bottom	4	×		•	•		1. · · · ·					272
AH-3	5/2/2013	0-1	0		×	11.9	52.9	64.8	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<20.0
		1-1.5		×				•						<20.0
		1.5-2		×		•	•	•						77.5
CS-3	7/12/2013	Bottom	0.5	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0

	-	1.5		-	T																							
Chlorid	By/6w)	<20.0	<20.0	62.8	3,240	6,320	5,120	4,160	5,520	9,600	4,000	7,760	3,840	1,980	1,540	624	560	672	624	784	1,170	1,520	1,920	1,060	2,080	1,760	1,170	416
Total	BTEX (mg/kg)	<0.0400			<0.100						-			-	•				•									
Xviana	(By/6w)	<0.0400	-		<0.100	•							•		-			,	•		•		•					•
Ethivbenzene	(mg/kg)	<0.0400	-		<0.100	•			•		•••				10 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1	•		•										
Toluene	(mg/kg)	<0.0400	-	1	<0.100						-				•	•							•	•		•		•
Benzene	(ba/kg)	<0.0400			<0.100																							
(8	Total	1,220	114		182	<10.0					-	•										•			•			
PH (mg/kg	DRO	1,220	114		182	<10.0											•					•				•		-
F	GRO	<8.00	<4.00	-	<20.0	<10.0				1 - 1		•						•	•	•	•	•	•		•			•
Status	Removed	×	×	×	×																							
Soil :	In-Situ					×	×	X	×	×	×	×	×	X	×	X	×	×	X	×	×	×	×	×	×	×	×	×
Excavation	Bottom Depth (ft)	0			1	4	4		ALC: NOTES	N. N.		4																
BEB Sample	Depth (ft)	0-1	1-1.5	2-2.5	Bottom	Bottom	2	4	6'	8'	10'	0-1	2-3	5-6	7-8	10-11	15-16	20-21	25-26	30-31	35-36	40-41	45-46	50-51	55-56	60-61	65-66	70-71'
Sample	Date	5/2/2013			7/12/2013	8/12/2013	8/15/2013					9/16/2013																
-	Sample ID	AH-4			CS-4	CS-4	T-1					SB-1	Excavate	10' to 15' BS														

Sample ID         Table Total         Depetition for the set of the s		Samula	RFR Samula	Excavation	Soil S	tatus	T	PH (ma/k	10	Bantana	Toluona	Establishments	Vidence	Total	Chladda
Histo         Sizential         01         010         0100         0100         0102         223         238         7           i         115         x         x         110         5670         5770         5770         0100         0102         223         238         7           i         115         x         x         110         5670         5770         5670         0100         0102         223         238         7           c546         7/122013         Bellen         3         x         741         244         316         4000         40000         4	Sample ID	Date	Depth (ft)	Bottom Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(by/6w)
MH5         552013         0-1         0         X         314         3730         4044         -0.100         0.152         223         238         7           7         1-1.5         X         1.05         X         1.00         5670         6770         -					and and										
·         11.5         ×         1.100         5.70         ×         · <t< td=""><td>AH-5</td><td>5/2/2013</td><td>0-1</td><td>0</td><td></td><td>×</td><td>314</td><td>3,730</td><td>4,044</td><td>&lt;0.100</td><td>&lt;0.100</td><td>0.152</td><td>2.23</td><td>2.38</td><td>700</td></t<>	AH-5	5/2/2013	0-1	0		×	314	3,730	4,044	<0.100	<0.100	0.152	2.23	2.38	700
···         ····         ···         ···         ···         ···         ···         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····         ····			1-1.5			×	1,100	5,670	6,770				•		787
CS-6         7/12/2013         Bentern         3         X         741         244         316         40.0400 <t< td=""><td></td><td></td><td>1.5-2</td><td></td><td></td><td>×</td><td>964</td><td>7,910</td><td>8,874</td><td></td><td></td><td></td><td></td><td></td><td>932</td></t<>			1.5-2			×	964	7,910	8,874						932
C5-6         8/12/2012         Boltom         4         X <td>CS-5</td> <td>7/12/2013</td> <td>Bottom</td> <td>3</td> <td>100</td> <td>×</td> <td>74.1</td> <td>244</td> <td>318</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>83.4</td>	CS-5	7/12/2013	Bottom	3	100	×	74.1	244	318	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	83.4
AHe         5/22013         0-1         0         X         31.0         675         706         <0.100         <0.150         0.150         0.150         0.150         1           CS-6         7/12/2013         0-1         0         X         -	CS-5	8/12/2012	Bottom	4	×		<10.0	69.2	69			•			
HI6         S22013         01         0         X         31.0         675         706         40100         60100         60100         60100         60100         60100         60100         60100         60100         60100         60150         7         2 <th2< th=""></th2<>						A la la									
··           AHTSS	AH-6	5/2/2013	0-1	0		×	31.0	675	706	<0.100	<0.100	<0.100	0.150	0.150	140
CS-6         7/12/2013         Botion         3         X         6.31         <50.0         <50.0         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0200         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400		•	1-1.5			×	•	-	11-11		-		-	-	227
AH-7         5/2/2013         0-1         0         X         31.3         1,750         1,760         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400         <0.0400	CS-6	7/12/2013	Bottom	3	×		6.31	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
AH-7         5/2/2013         0-1         0         X         31.3         1,750         1,760         <0.0400									Color School						
··         1-1.5         ··         X         96.6         536         633         ··          ··         ·· <td>AH-7</td> <td>5/2/2013</td> <td>0-1</td> <td>0</td> <td></td> <td>×</td> <td>31.3</td> <td>1,750</td> <td>1,781</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>&lt;0.0400</td> <td>208</td>	AH-7	5/2/2013	0-1	0		×	31.3	1,750	1,781	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	208
CS-7         71/12/2013         Bottom         1         X         222         1170         1382         <0.0200         <0.0200         0.644         0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644         <0.644 <t< td=""><td></td><td>•</td><td>1-1.5</td><td></td><td></td><td>×</td><td>96.6</td><td>536</td><td>633</td><td></td><td>-</td><td></td><td></td><td></td><td>222</td></t<>		•	1-1.5			×	96.6	536	633		-				222
CS-7         Br14/2013         Bottom         5         X         146         1600         1,746         · </td <td>CS-7</td> <td>7/12/2013</td> <td>Bottom</td> <td>1</td> <td></td> <td>×</td> <td>222</td> <td>1170</td> <td>1392</td> <td>&lt;0.0200</td> <td>&lt;0.0200</td> <td>&lt;0.0200</td> <td>0.644</td> <td>0.644</td> <td>20.0</td>	CS-7	7/12/2013	Bottom	1		×	222	1170	1392	<0.0200	<0.0200	<0.0200	0.644	0.644	20.0
T-3         8/16/2013         2'         5         X         327         2140         2,467         ·	CS-7	8/14/2013	Bottom	5	×		146	1600	1,746				•		·
4 <sup>4</sup> X         149         1200         1,349         ·         <	T-3	8/16/2013	2'	S	×		327	2140	2,467						•
6 <sup>6</sup> X         483         3550         4,033         x         x         x         x           SB-3         9/16/2013         0-1         5         X         49.2         4574         4,623.2         ·			4'		×		149	1200	1,349						
SB-3         9/16/2013         0-1         5         X         49.2         4574         4,623.2         · </td <td></td> <td></td> <td>6</td> <td></td> <td>×</td> <td></td> <td>483</td> <td>3550</td> <td>4,033</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			6		×		483	3550	4,033						
9/16/2013         2-3         -         X         33.4         3415         3,448.4         -         ·	SB-3	9/16/2013	0-1	5	×		49.2	4574	4,623.2						
9/16/2013         5-6         -         X         26.6         973         999.6         -         ·		9/16/2013	2-3		×		33.4	3415	3,448.4						
Excavate         9/16/2013         7-8         -         X         17.4         582.5         599.9         -		9/16/2013	5-6		×		26.6	973	9999.6		•		•		
10 <sup>1</sup> to 12 <sup>2</sup> BS         9/16/2013         10-11         -         X         <10.0         30.8         30.8         -         11.6         11.6         - </td <td>Excavate</td> <td>9/16/2013</td> <td>7-8</td> <td>•</td> <td>×</td> <td>1 1 1 1 1 1</td> <td>17.4</td> <td>582.5</td> <td>599.9</td> <td></td> <td></td> <td>•</td> <td>•</td> <td></td> <td>1</td>	Excavate	9/16/2013	7-8	•	×	1 1 1 1 1 1	17.4	582.5	599.9			•	•		1
9/16/2013         15-16         ·         X         <10.0         11.6         11.6         · <td>10' to 12' BS</td> <td>9/16/2013</td> <td>10-11</td> <td></td> <td>×</td> <td></td> <td>&lt;10.0</td> <td>30.8</td> <td>30.8</td> <td>-</td> <td></td> <td></td> <td>•</td> <td></td> <td>•</td>	10' to 12' BS	9/16/2013	10-11		×		<10.0	30.8	30.8	-			•		•
9/16/2013 20-21 - X <a> &lt;10.0</a> <10.0 <10.0 <10.0		9/16/2013	15-16	•	×		<10.0	11.6	11.6						
		9/16/2013	20-21		×		<10.0	<10.0	<10.0				•	•	

		Excavation			ľ							Total	
Sample	BEB Sample	10000	Soll	status		PH (mg/k	(8	Benzene	Toluene	Ethlybenzene	Xylene		Chloride
Date	Depth (ft)	Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(By/6m)
		A NUMBER OF											
5/2/2013	0-1	0		X	<8.00	739	739	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	1,250
	1-1.5	a state of		×		•							2,230
•	2-2.5			×			-			Color Sales			2,700
7/12/2013	Bottom	3	ill and	×	11.5	201	213	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	730
 8/12/2013	Bottom	4		×	<50.0	170	170						256
8/14/2013	Bottom	4.5	×		<10.0	80.4	80						•
5/2/2013	0-1	0	Contraction of the local distribution of the	×	262	3,190	3,452	<0.0400	<0.0400	<0.0400	1.48	1.48	776
 	1-1.5			×	122	442	564						1,090
•	2-2.5			×	1. 1. 1.	-	14 - 25						1,360
•	3-3.5			×									1,140
7/12/2013	Bottom	4	×		4.54	113	118	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0

	Canalo	DED Camela	Excavation	Soil	Status	F	Mam) Hd	1	-	The second s	and the second se	Video	Total	Chindren of
Sample ID	Date	Depth (ft)	Bottom Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(by/bu)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
AH-10	5/2/2013	0-1	0		×	328	5,530	5,858	<0.100	0.156	0.514	4.41	5.08	257
Liner 5'		1-1.5			×	872	1,310	2,182	10 × 10				-	267
		2-2.5	3 10 10		×	674	1,280	1,954	1.1	-				184
CS-10	7/12/2013	Bottom	3		×	<8.00	448	448	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	349
CS-10	8/14/2013	Bottom	5	×		263	4640	4,903				•	•	48
											-			
14	8/16/2013	2'	5	×		95.4	1610	1,705.4						
		4'		×		280	3440	3,720						
		6		×		395	3920	4,315	•		-		•	
		8		×		340	2760	3,100			-		•	
SB-2	9/16/2013	0-1	5	×		31.4	4080	4,111.4				•		
	9/16/2013	2-3		×		22.9	3057	3,079.9	•					
	9/16/2013	5-6		×		92.3	3204	3,296.3		•	· · ·		-	
	9/16/2013	7-8		×		100	2366	2,466				•		
	9/16/2013	10-11		×		784	6715	7,499			19			
	9/16/2013	15-16		×		222	2196	2,418			· ·			•
	9/16/2013	20-21		×		510	4155	4,665				•		
	9/16/2013	25-26		×		<10.0	63.3	63.3				•		

Ci olan	andunac	BEB Sample			onino			10	Benzene	Ioluene	Ethiybenzene	Aylene	DTEV	Chioride
ubie in	Date	Depth (ft)	Depth (ft)	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(By/6u)
11-11	5/2/2013	0-1	0		×	244	4,470	4,714	<0.0400	0.180	0.863	3.27	4.31	577
		1-1.5			×	662	834	1,486	-					1,010
S-11	7/12/2013	Bottom	4		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	390
S-11	8/13/2013	Bottom	5	×			•						•	64
AH-12	5/2/2013	0-1	0		×	29.2	1,450	1,479	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	~20.0
<b>58-12</b>	7/12/2013	Bottom	4		×	1250	1350	2600	<0.100	<0.100	3.5	18.9	22.4	~20.0
CS-12	8/13/2013	Bottom	9	×		112	1920	2,032		1				
T-2	8/15/2013	2'	9	×		174	1640	1,814	•					
ccavate	10' BS	4'		×		<10.0	<10.0	<10.0	1.1.1	•				
VH-13	5/2/2013	0-1	0		×	7.56	409	417	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,670
		1-1.5			×		-		-	1			-	1,610
S-13	7/12/2013	Bottom	4		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	891
S-13	8/14/2013	Bottom	9	×		<10.0	<10.0	<10.0						864
T-5	8/16/2013	2'	9	×					1					592
ner 6'		4'		×					•	•				320

(-) Not Analyzed

(BEB) Below Excavation Bottom Soil Excavated/ Removed Proposed excavation

		Sample	Soll	Status		TPH (mg	Akg)	Benzene	Toluene	Ethivbenzene	Xviene	Total	Chloride
sample ID	sample uate	Location	in-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(By/Gu)	(mg/kg)	(mg/kg)	(mg/kg)
Excavation	Sidewall Sample	Results											
CS-14	7/12/2013	NW Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
<b>CS-15</b>	7/12/2013	N Sidewall	2	×	10.2	662	672	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-15	8/13/2013	N Sidewall	×		<50.0	<50.0	<50.0						
CS-16	7/12/2013	N Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-17	7/12/2013	N Sidewall	×		5.57	63.2	68.8	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-18	7/12/2013	N Sidewall	×		<4.00	140	140	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-19	7/12/2013	S Sidewall	×		<4.00	150	150	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	127
CS-20	7/12/2013	S Sidewall		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	385
CS-20	8/13/2013	S Sidewall		×	-	-		11 ·····			-		1,730
CS-20	8/15/2013	S Sidewall		×	-						•	•	368
	8/19/2013	S Sidewall	×			•							224
CS-21	7/12/2013	S Sidewall	×		<4.00	115	115	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	87.5
CS-22	7/12/2013	SW Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0
CS-23	7/12/2013	S Sidewall		×	10.6	6,050	6,061	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	87.5
CS-23	8/13/2013	S Sidewall	×		<50.0	<50.0	<50.0						
1000	1400040		;										
17-00	1112/2013	SE SIGEWAII	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<20.0

Sidewall Sa	and and and												
Sidewall Sa		Location	In-Situ	Removed	GRO	DRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(By/Gu)	(ma/ka)	(By/6u)
	mple Results	A CAL					and the second		AL ANY A		New Concession	and have	
CS-25	7/12/2013	NE Sidewall		×	<4.00	135	135	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	1,040
CS-25	8/13/2013	NE Sidewall	×										256
							6						
CS-26	7/12/2013	N Sidewall		×	<4.00	364	364	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	298
CS-26	8/13/2013	N Sidewall	×		<10.0	<10.0	<10.0						
CS-27	7/12/2013	S Sidewall	×		<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	406
CS-28	7/12/2013	E Sidewall		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	2,160
	8/16/2013	E Sidewall	×							-			3,560
													2
CS-29	7/12/2013	N Sidewall	and and	×	<4.00	978	978	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	25.7
	7/14/2013	N Sidewall	×		<10.0	<10.0	<10.0						•
CS-30	7/12/2013	W Sidewall		×	<4.00	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	3,600
	8/16/2013	W Sidewall	×							11 M 14	•		3,360

(-) (BEB)

Not Analyzed Below Excavation Bottom Soil Excavated/ Removed Proposed excavation







View East-Area of AH-1 and AH-2



View West - Area of AH-5 and AH-6





View West - Area of AH-8 and AH-9



View South-Area of AH-11 and AH-12





View West - Area of AH-13



View East - Area of AH-1, AH-2 and AH-5.

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**TETRATECH** 



View East - Area of AH-10 and AH-11



View East- Area of SB-1 (AH-4)



TETRA TECH

View West - Area of SB-2 (AH-10)



View West-Area of SB-3 (AH-7)





#### New Mexico Office of the State Engineer Wells with Well Log Information

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right	(R=PO) been re O-orph C=the I closed)	D has splaced. whed, life is	(quarte	ins are 1=1 (quarters	WW 2	mai	E 3=S lest k	W 4=	SE) MT)	(NADES UT)	A in metera)					(in f	Het)		
POD Number	Cede	POD Subbasin L	County	Source Shalow	9	4	Sec 01	Tws 158	Rng 37E	X 671797	¥ 3657732*	0	Start Date 07/27/1961	Finish Date 07/29/1951	Log File Date 08/13/1951	Depth Well 120	Depth Water 33	Orlier AGUA DRILLING CD	License Number
L 01207		L	LE	Shallow	4	3 1	01	158	37E	671790	3658134"		11/06/1951	11/06/1951	11/07/1951	115	45	ABBOTT BROTHERS	
L 01447		L	LE	Shallow		1 1	01	155	37E	671783	3658536*		05/16/1952	05/17/1952	05/20/1952	113	45		46
L01491		L	LE	Shallow	5	3 1	01	158	37E	671790	3658134		07/14/1952	07/15/1952	07/30/1952	117	45		46
L01587 POD1		L	LE	Shallow	6	2 1	01	158	37E	672186	3658542	-	09/26/1952	09/27/1952	10/03/1952	115	56	MERRELL ABBOTT	46
1.01637 POD1		L	LE	Shallow	1	1 3	01	158	37E	67 1696	3657831		10/18/1952	10/18/1952	10/23/1952	109	50	MURRELL ABBOTT	45
1.03929		L	LE	Shallow	1	4 1	01	158	37E	672092	3658239*		07/17/1958	07/19/1958	07/28/1958	100	55		183
Record Count: 7																			
PLSS Search: Section(s): 1		Tov	mahip.	15\$	Ret	nge	37	E											

\*UTM location was derived from PLSS - see Help

The data is turnished by the NMOSE/ISC and is accepted by the redpient with the expre or suitability for any perioular purpose of the data. seed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, WELLS WITH WELL LOG INFORMATION

10/18/13 12:29 PM



![](_page_54_Picture_0.jpeg)

![](_page_55_Picture_0.jpeg)