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

-

### State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

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

			Rele	ease Notific	catio	n and Co	rrective A	ction							
						OPERAT			Initia	al Report	$\boxtimes$	Final Report			
Name of Co		Dugan Proc					Rodger Mullins								
Address Facility Na		120, Farming Tubilee #2	ton, NM	87499-0420		Telephone N Facility Typ		1821							
		•		. 120			on wen		D	20.015					
Surface Ow	ner Fede	eral		Mineral (	Owner	Fee		. A	PI No	. 30-045	-25123	3			
<b></b>	,	Υ	,			N OF REI									
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/West	Line	County					
D	29	24N	9W	790		North	790	West			San Ju	ian			
			j	Latitude <u>36.</u>	29036	Longitue	de <u>107.81796</u>								
				,—— NAI	rure	OF RELI		<del></del>							
Type of Rele	ase Crude	Oil	·····				Release unknown	n Vol	lume F	Recovered	16 bb	ls			
Source of Re	elease Pro	duction Tank				1	lour of Occurrenc			Hour of Di a) 0900 hrs	scovery	,			
Was Immedi	ate Notice (		l Voc	No □ Not R	equired		Whom? OCD -		well						
By Whom?	Rodger Mu		103			Date and H	lour 1-16-13 @ 1								
Was a Water							olume Impacting		rse.						
			Yes 🗵	No											
If a Waterco	urse was Im	pacted, Descr	ibe Fully.	*					Ę	RCVD MA	R 25 °	13			
						•				OIL CON	IS. DI				
										DIS	1.3				
1		em and Reme			4l. a a a u 4										
Production	ank develop	sed a note and	owing cruc	le oil to leak into	tne cont	ainment area.									
Danadh a An	A 60 t - d	d Cl	A -4: Tul	<b></b>							<del></del>				
		and Cleanup and Cl			Contami	nated dirt was	s removed (see at	tached landfa	ırm rec	ceipts). Ho	le in gro	ound was			
tested to inst	ire zero con	tamination (se	ee attached	l lab results befor	e and af	ter excavation	). Contaminated	dirt was repl	aced v	vith clean d	lirt. Pro	duction tank			
was re-set.															
							knowledge and und perform correct								
public health	or the envi	ronment. The	acceptan	ce of a C-141 rep	ort by th	ie NMOCD m	arked as "Final R	eport" does r	not reli	ieve the ope	erator of	f liability			
							on that pose a three the operator of								
		ws and/or reg		Mance of a C-141	report c	ioes not renev	e the operator of	responsionity	y 101 C	отриансс	with an	y other			
	01	1 1	1.				OIL CON	SERVAT	ION	DIVISI	<u>ON</u>				
Signature:	allon V	Mulh	W					$\wedge$		110	20	√ <b>(</b> )			
Printed Nam	e: Rodger	Mullins				Approved by	Environmental S	pecialist:	cialist: Jonath ), Kelly						
Title: Envir	onmental					Approval Da	te: 4/25/2	0/3 Expli	xpiration Date:						
E-mail Addr	ess: rmullir	ns@duganpro	duction.co	m		Conditions of	f Approval:			Attache	dП				
Date: Marc				-326-4548							<u> </u>				
* Attach Add	itional She	ets If Necess	sary				N2K1	31154	76	<del>1</del> 0	_ <b>_</b>				

550 yed.

## LANDFARM 2

RECEIVAL DATE CLIENT NAME LOCATION	CY*	BBL Exempt?	₽COMMENTS:	BOL	CHLORIDES	Tests Tests
1/16/2013 Dugan Pro July Jubilee #2	12	Yes	Cont. Soil	42703	-278	1.
1/17/2013 Dugan Pro July Jubilee #2	60	Yes	Cont. Soil	42711	-278	2.
1/18/2013 Dugan Pro. July Jubilee #2	36	Yes	Cont. Soil:	√42720°°	-278	1.
1/18/2013 Dugan Pro. July Jubilee #2	43	Yes	Cont. Sóil	42724	-278	4413年 8263

151

١,

## LANDFARM 2

RECEIVAL CLIENT NAME LOCATIO	N CY	BBL Exempt?	COMMENT S BOL	CHLORIDE	Tests Tests
2/26/2013 Dugan Pro July Jubilee #2	9	Yes	Cont. Soil . 42997	-278	
2/27/2013 Dugan Pro July Jubilee #2	40	Yes	Cont. Soil 42999	- 278	
2/27/2013 Dugan Pro. July Jubilee #2	40	Yes	Cont. Soil 43000	-278	
2/27/2013 Dugan Pro July Jubilee #2	10,	Yes	Cont. Soil43005		aya tarah
2/28/2013 Dugan Pro. July Jubilee #2	60	Yes	Cont. Soil 7 43006	-278	2.
2/28/2013. Dugan Pro. July Jubilee #2	50.	Yes .	Cont. Soil 43007	278	2
2/28/2013 Dugan Pro. July Jubilee #2	30	Yes	Cont. Soil 43009	-278	1.2.

239

....

#### LANDFARM 2

RECEIVAL CLIENT NAME LOCATION	CY-	BBL	Exempt?	COMMENTS	BOL	CHLORIDES	Tests	2nd Tests
3/1/2013 Dugan Pro July Julibee #2	-40		∜ Yes 🧼	Conta Soil	43016	+-278	2	*(5%) }
3/1/2013 Dugan Pro. July Julibee #2	60		Yes	Cont. Soil	43017	-278	2	
3/1/2013 Dugan Pro July Julibee #2	60	1.25	Yes	Cont. Soil	43018	-278	2	
** Any chapters along to complete the company to the company of th	160	]						

100

.



February 21, 2013

MIKE SANDOVAL

**DUGAN PRODUCTION** 

P. O. BOX 420

FARMINGTON, NM 87499

RE: PIT CLOSURES WALLS Befole

Enclosed are the results of analyses for samples received by the laboratory on 02/15/13 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

Celey D. Keens

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analy@cal Results For:

**DUGAN PRODUCTION** MIKE SANDOVAL P. O. BOX 420 FARMINGTON NM, 87499

Fax To:

(505) 327-4043

Received:

02/15/2013

Sampling Date:

02/13/2013

Reported:

02/21/2013

Sampling Type:

Soil

Project Name:

PIT CLOSURES

Sampling Condition:

Sample Received By:

Cool & Intact Jodi Henson

Project Number:

NONE GIVEN

Project Location: **NOT GIVEN** 

Sample ID: JULY JUBILEE #2 (H300429-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/20/2013	ND	2.31	116	2.00	6.54	
Toluene*	115	5.00	02/20/2013	ND	2.41	121	2.00	9.30	
Ethylbenzene*	33.5	5.00	02/20/2013	ND	2.33	116	2.00	8.52	
Total Xylenes*	377	15.0	02/20/2013	ND	7.27	121	6.00	9.48	
Total BTEX	<b>BTEX 526</b> 30.0								
Surrogate: 4-Bromofluorobenzene (PIC	120 9	% 89.4-12	6		-				
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
. Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier.
Chloride	128	16.0	02/19/2013	ND	432	108	400	0.00	
TPH 418.1	mg/	kg	Analyze	d By: CK		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	28100	500	02/18/2013	ND	4520	90.4	5000	13.7	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	8130	50.0	02/20/2013	ND	214	107	200	4.38	
DRO >C10-C28	11000	50.0	02/20/2013	ND	184	92.1	200	4.32	
Total TPH C6-C28	19100	50.0	02/20/2013	ND	399	99.7	400	4.35	
Surrogate: 1-Chlorooctane	189	% 65.2-14	0						

Surrogate: 1-Chlorooctadecane

350 %

63.6-154

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability any other cause whatstrever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) dies after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, ing, withour limitation, business laterruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates on successors aeising out of or related to the performance of the services hereunder by Carolinal, regardless of whether such

Clay & Keine

Celley D. Keene, Lab Director/Quality Manager



#### **Notes and Devinitions**

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

matrix interference's.

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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability, and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract on tout, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any; other causes whatsover shall be deemed waived unless made in writing and received by Cardinal within thinty, (20), days: where causes whatsover shall be deemed waived unless made in writing and received by Cardinal within thinty, (20), days: some completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential changes, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, it is subsidiated, affiliables, or successors: adding out of or relabed to the performance of the services hereunder by Cardinal, regardless of whether such chain is based upon any of the showe stated meaning or otherwise. Results relate only the sandles infinited above. This report shall not be remodulated except in full with written approved of Cardinal abovestories.

Celeg & Keena

Celey D. Keene, Lab Director/Quality Manager

1. 12. K-1.

Page 3 of 4



La	boratories	;	(	CHA	$\overline{IN}$	<u>OF</u>	<u>Cl</u>	<u>JS</u>	<u>TC</u>	<u>)D</u>	$\mathbf{Y}$	<u>RI</u>	EC	<u>Of</u>	$\underline{\mathbf{D}}$						ī	Page	of	٠
Client: Juaga	Woodye	tion		NOT	ES:														<u>.</u>					-
Client: Sugan Contact: M. Ke	Sando	141		l) En	sure pro	per co	ntaine	r pac	kagir	ng.					Tab	de 1.	- M	atrix	Type			FOR GA	L USE ONLY	
Address:		, ,		2) Sh	ip samp	les pro	mptly	follo	wing	, coll	ectio	n.	1 =	Sur	face	Wate	ет, 2	= G1	ound W	ater		GAI	LJOB#	
			_	3) De	signate	Sample	e Reje	ct Di	sposi	ition.	,		ì						sate, 5=					
Phone Number: 505- Email: Aliker Sand	370-0	129.		PO#	Ja1	V J	46	1/4	5 C	# 	<u> </u>		6 =	Was	te, 7	= O	ther (	Spec	ify)	-7-	]. [		<u> </u>	
Email: Alike Sond	01el Q. 0	lusa alm	ducking	Proje	ct Name	Ta	sil	Co	is F	Give	1119	eat	Sam	piers	Signa	iture:	129	<i>j</i> -	Link &	مور سنان میرسیدها	Carl	7		
" Coin				11	Na	115"	. j															-	-11-4	
Lab Name: Green An	alytical Labor	atories	. (9	970) 24			4X (9	970)	247-	-422°	7				A	nalys	ses R	equi	red				**********	
Address: 75 Suttle	Street, Duran	go, CO 81:	303		w.w.	v.gre	enan	alyt	ical	.cor	ท								[ ·	T	1			
	Colle	ction	<u> </u>	Miscel	lancou	S		Pro	serv	ative	e(s)		1					l						
Sample ID  H 300404  Taly July 15	Date	Time	Collected by: (Init.)	Matrix Type From Table I	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HN03	НСГ	H2SO4	NAOH	Other (Specify)	Cash Posterson	<u>-</u>	SIOS FOT	1.X12 Hd	TSTEX				le.	Comm 4 C. C	ents 7九)に	1
July Jubilee 5	1 3-13-13	1:30	<u></u>	<u> </u>										=										
2.:															<u> </u>									-,
3.		·																						
4.								ļ																
5.																								
6.																								
7.																								
8.																							7.	.!
9.	· · · · · · · · · · · · · · · · · · ·			T																				
10.	10										,				1	,				1				
Relinquished by:	110	11		Date:	- 13	7.5	Time	<u>.</u>	7	Rece	ixed 1	by:	7				1 /	<u></u>	·	Date	7121	Tim	. <del>- سر</del> به و:۱e	

\* Sample Reject; [ ] Return [ ] Dispose [ ] Store (30 Days)

Page 4 of 4



March 14, 2013

MIKE SAMDOVAL

NOITSUKTORY NABUG

P. O. SOX 420

FARMINGTON, NM 87499

RE: PIT CLOSUMES WALLS after

Enclosed are the results of analyses for samples received by the laboratory on 03/06/13 10:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_sccred\_certif.html">www.tceq.texas.gov/field/ga/lab\_sccred\_certif.html</a>.

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.

Celey D. Kein

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

DUGAN PRODUCTION MIKE EVINDONAL P. O. BOX 420 FARMINGTON NM, 87499

Pax To: (505) 327-4043

Reported:

03/06/2013

03/14/2013

PIT CLOSURES

WALLS JULY JUMILEE #2

Sampling Date:

Sampling Type: Sampling Condition:

Project Number: 👍

Sample Received By:

Jodi Henson

Project Location:

Project Name:

NOT GIVEN

Sample ID: JULY JUBILEE-#2 (M300564-01)

BTEX 8021B	ണൂ	/lig	Anatyze	d By: AP		•				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/11/2013	ND	2.09	104	2.00	0.212		
Toluene*	<0.050	0.050	03/11/2013	ND	2.07	103	2.00	1.15		
Ethylbenzene*	<0.050	0.050	03/11/2013	ND	1.99	99.6	2.00	1.26		
Total Xylenes*	<0.150	0.150	03/11/2013	ND	6.02	100	6.00	1.76		
Total BTEX	<0.300	0.300	03/11/2013	ND						
Surrogate: 4-Bromofluorobenzene (PID	114	% 89.4-12	6						6-18	
Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: DW						
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/07/2013	ND	416	104	400	0.00		
TPH 418.1	mg	/kg	Analyze	d By: CK						
Analyte	Result	. Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
TPH 418.1	60.0	10.0	03/13/2013	ND	140	107	131		SUB-SS	
TPH 8015M	mg,	/kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/06/2013	ND	216	108	200	1.28		
DRO >C10-C28	<10.0	10.0	03/06/2013	ND	216	108	200	3.24		
Total TPH C6-C28	<10.0	10.0	03/06/2013	ND	432	108	400	0.954		
Surrogate: 1-Chlorooctane	74.3	% 65.2-14	0							

Surrogate: 1-Chlorooctadecane

92.1 %

Paga and a

63.6-154

Cardinal Laboratories

\*=Accredited Analyte

Ciley D. Kun

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 4.



#### Notes and Definitions

SLA-SS Avalysh subcontracted to SunStar Laboratories, Inc.

Analyse MCT 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.

Chiarida by SMH500CHB place not require samples be received at unitablew 6°C Samples reported on an as received liveds (well) unless otherwise moted on report

Cardinal Laboratories

SENSE NOTICE Libitally, and Damages. Cardinal's liability, and disnot's exclusive remedy for any chim antidigly wholibes above in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for neglegence and any Liber of paid in the destinal waveful for any liber of paid in which the library including those for a contract or shall be liability. In order that Cardinal be liability (30), days extract completion of the applicable service. In no event that Cardinal be liability for indictantive or contractions in shalling, without shalling indicated the liability of the destination of the applicability of the shall be liability or contractions in the shall be liability or contractions of the shall be liability or contractions of the shall be liability or contractions of the shall be liability or contraction or contraction of the shall be liability or contraction or con

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager . \* \*

Page 3 of 4



Address:

## CHAIN OF CUSTODY RECORD

1) Ensure proper container packaging.

2) Ship samples promptly following collection.3) Designate Sample Reject Disposition.

NOTES:

	Mariania and	The state of the s
Table I. – Matrix Type	(5) A	FOR GALUSE ONLY
1 = Surface Water, 2 = Ground Wat	er	GALJOB#
3 = Soil/Sediment, 4 = Rinsate, 5 = 0	Oil	
6 = Waste, 7 = Other (Specify)	2	
		27 a 30 2 3 3 3 3

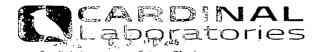
Phone Number: 305: 330	0927	PO#	40	1//5	0/		1		. L	6 = Wa	ste, 7	= Othe	r (Spe	city)		1		7 1 14 14 1
Email: Set Sile		Proje	ct Name	Jul	y Je	abile	70	2	S	amplers	Signa	ture:	1/2	<u>/</u>	//	L	47/	STATE
VA 18 4				/					\ ·	٠,		/ -						
Lab Name: Green Analytical I	aboratories	(970) 24	17-4220	FA	X (97	0) 247	-422°	<i>i</i>			Aı	nalyses	Requi	ired	. · · .	:		14.14.2
·!	Purango, CO 81303			greei	nanal	ytical	con	n										
	Collection	Miscel	laneous		]	Preserv	ative	(s)		جر								• • •
Carrio				3 Y.N	Only)					V				j	8			
Sample ID Dat	e Time (3)		of Containers	c	(Ice				cify)	3	2						Co	omments
H300565	e Time	Matrix Type From Table 1	No. of Co	Sample Filtered	Unpreserved	HNO3 HCL	H2SO4	NAOH	Other (Specify)	300	P		2	\$ \$ \$	introve !	77	y	40 mg
154 July 100 2 3-4				<u>.                                    </u>										1	Å			-
2.												-	-	1 10	3.	17.7		
3. 1									<u>.</u>			÷	) 2 %	Zurd.	(S) (d)	×	. 14	
4.	· .		<u> </u>						<u></u>			çeh.		2 1 K	*	 		i i
5.												5 () () ()	孝-	7				
6. V						_						\$66		2	\$ .			
7.		_								-		, 0 a			7.5 7.5			
8.														FF F				
9.														3				The second secon
10.											h.	3,				3	7 8 C	
Relinouished by		Date:	3 .4-	13	Γime:	10	Récei	vad by	ili	1	10	(1k	.,			Daig:	層分言	Time 1616
Relinquisite by Wall	, ~	Date	5/1	3	Time:	45	Rece	yed by	8	1		نج ک				Date:	5/13	TiP5-43

\* Sample Reject: [ ] Return [ ] Dispose [ ] Store (30 Days)

Jan Menson

3/6/13

Page 4 of



February 21, 2013

MIKE SANDOVAL

**DUGAN PRODUCTION** 

P. O. BOX 420

FARMINGTON, NM-87499

RE: PIT CLOSURES Floor Before

Enclosed are the results of analyses for samples received by the laboratory on 02/15/13 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

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)

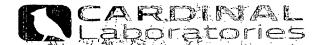
Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Amalytical-Results For:

**DUGAN PRODUCTION** MIKE SANDOVAL P. O. BOX 420 FARMINGTON NM, 87499 Fax To: (505) 327-4043

Received:

02/15/2013

Sampling Date:

02/13/2013

Reported:

02/21/2013

Sampling Type:

Soil

Project Name:

PIT CLOSURES

Sampling Condition:

Cool & Intact

Project Number:

**JULY JUBILEE #2** 

Sample Received By:

Jodi Henson

Project Location:

BTEX 8021B

**NOT GIVEN** 

#### Sample ID: JULY JUBILEE #2 (H300428-01)

D1LX 00218	nig/	Ny	Alialyze	a by i Ai					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<5.00	5.00	02/20/2013	ND .	2.31	116	2.00	6.54	1
Toluene*	80.4	5.00	02/20/2013	ND	2.41	121	2.00	9.30	
Ethylbenzene*	22.0	5.00	02/20/2013	ND	2.33	116	2.00	8.52	•
Total Xylenes*	270	15.0	02/20/2013	ND	7.27	121	6.00	9.48	
Total BTEX	372	30.0	02/20/2013	ND				`,	
Surrogate: 4-Bromofluorobenzene (PID	119	% 89.4-12	6			<u> </u>			
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŚ	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/19/2013	ND	432	108	400	0.00	
TPH 418.1	mg,	/kg	Analyze	d By: CK			<del></del>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	8940	500	02/18/2013	ND	4520	90.4	5000	13.7	
TPH 8015M	mg,	/kg	Analyze	d By: MS			<u> </u>		S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	5270	50.0	02/20/2013	ND	214	107	200	4.38	
DRO >C10-C28	4700	50.0	02/20/2013	ND	184	92.1	200	4.32	
Total TPH C6-C28	9970	50.0	02/20/2013	ND	399	99.7	400	4.35	
Surrogate: 1-Chlorooctane	212	% 65.2-14	0				· · · · · · · · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctadecane	158	% 63.6-15	4						

Analyzed By: AP

#### Cardinal Laboratories

\*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



Insufficient time to reach temperature.

#### **Notes and Definitions**

S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

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.

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

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Ulability and Damages. Cardinal's Bability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within, thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidentable or consequential dismages, including, without limitation, business intermptions, loss of use, or loss of profits incurred by Cardinal's regardless of whicther such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. The ripport shall not be reproduced except in full with written approved of Cardinal Laboratories.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical
Laborátories

## CHAIN OF CUSTODY RECORD

Page	of	
	 -	-

Client: Design	Production
	Sandoval
Address:	
Phone Number:	- 320-029

1) Ensure proper container packaging.

NOTES:

2) Ship samples promptly following collection.

3) Designate Sample Reject Disposition.

Project Name! Torre Containment

Table 1. – Matrix Type

1 = Surface Water, 2 = Ground Water

3 = Soil/Sediment, 4 = Rinsate, 5 = Oil

6 = Waste, 7 = Other (Specify)

FOR GAL USE ONLY
GAL JOB #

smelf Samplers Signature: A fill Soundown

Lab Name: Green Anal	ytical Labor	atories	. (9	70) 24	<i>7 00</i> 7-4220	******	AX (	970)	247-	422	7		Γ		A	nalvs	es R	equi	red		<del></del>	T			······································
· · · · · · · · · · · · · · · · · · ·	75 Suttle Street, Durango, CO 81303 www.greenanalytical.com											1													
								Miscellaneous Preservative(s)																	
Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HĆL	H2SO4	NAOH	Other (Specify)	Tank Postain	1000	TP# SEIS	1.5% BJ	16TEX	2	***************************************			6,6		mment hiu	
H300428	2-13-13	1:45			!																			<u>ر.</u>	
2.																				ļ	<u> </u>		~		۲.
3.																						<u> </u>			2 ~
4.																			<u> </u>	<u> </u>					
5.																						1			17.1. 6 1
б.																									, F
7.																				Ī.					ĨŪ,
3.																		1.3.7		٠.					1/2
9.			<del></del>												<u> </u>							1	<del></del>	•	
10.	.,									Λ				7	, ,				<u> </u>		_	<b>†</b>	<del></del>		
Relinquished by:	18:00	Pa. A	l:	Date:	-/3	/3	Time	3	3/	Rice	Fayi	)y	TI		1	A	h		L	ļ <u></u> .	Date	113	/13	Time:	53
Relinquished by:		$\sim_{l}$		Date:			Time			RAC	yed t	y: .	He.	JAN.	\$09	11					Dage	[[5]	13	Time:	:30

<sup>\*</sup> Sample Reject: [ ] Return [ ] Dispose [ ] Store (30 Days)

40

# 26

Page 4 of 4



March 14, 2013

MIKE SANDOVAL

DUGAN PRODUCTION

P. O. BOX 420

FARMINGTON, NM-87499

RE: PIT CLOSURES \$1000 after

Enclosed are the results of analyses for samples received by the laboratory on 03/06/13 10:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab-accred\_certif.html">www.tceq.texas.gov/field/qa/lab-accred\_certif.html</a>.

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.

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

Sincerely,

aleg D.Ke

Celey D. Keene

Lab Director/Quality Manager



#### Amalytical Meauths For:

DUGAN PRODUCTION MINIE SANDOVAL P. G. BOX 420 FARMINGTON NM, 87499 (505) 327-9043 Pax To:

Received:

**))3/06/**2013

Reported:

03/14/2013

Project Name:

PIT CLOSURES

Project Number:

JULY JUBILEE FLOOR

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

03/04/2013

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

#### Sample ID: JULY JUBILEE (H300565-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2013	ND	2.09	104	2.00	0.212	
Toluene*	<0.050	0.050	03/11/2013	ND	2.07	103	2.00	1.16	
Ethylbenzene*	<0.050	0.050	03/11/2013	ND	1.99	99.6	2.00	1.26	
Total Xylenes*	<0.150	0.150	03/11/2013	ND	6.02	100	6.00	1.76	
Total BTEX	<0.300	0.300	03/11/2013	72013 ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					<del></del>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/07/2013	ND	416	104	400	0.00	
TPH 418.1	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 418.1	<10.0	10.0	03/13/2013	ND	ND 140		131 ·		SUB-SS
TPH 8015M	mg,	/kg	Analyze	d By: MS				.*	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/07/2013	ND	220	110	200	8.19	
DRO >C10-C28	<10.0	10.0	03/07/2013	ND	214	107	200	6.47	
Total TPH C6-C28	<10.0	10.0	03/07/2013	ND	434	109	400	7.34	
Surrogate: 1-Chlorooctane	84.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.7	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte



## CHAIN OF CUSTODY RECORD

NOTES:

Contact: Mile Sondord	() Ensure proper conta	iner packaging.	Table 1 Matrix Type	FOR GAL USE ONLY
Address:	2) Ship samples promp	otly following collection.	1 = Surface Water, 2 = Ground Water	GAL JOB#
	3) Designate Sample R	Reject Disposition.	$3 = \text{Soil/Sediment}, 4 = \text{Rinsate}, 5 = \Theta \text{il}$	7 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -
Phone Number: \$5-330-0929  Email: On File	PO# Floor	of 27	6 = Waste, 7 = Other (Specify)	
Email: 751 CIP	Project Name: Jak		Samplers Signature:	
			fr. A. S.	
Lab Name: Green Analytical Laboratories	(970) 247-4220 FAX	K (970) 247-4227	Analyses Required	7 Page 4 01 4
Address: 75 Suttle Street, Durango, CO 8	1303 www.green	analytical.com		
Collection	Miscellaneous	Prescrvative(s)		
	7 3	2		
	Collected by: (Init.) Matrix Type From Table 1 No. of Containers Sample Filtered ? Y/N	Only)		
	Collected by: (Init.) Matrix Type From Table 1 No. of Containers Sample Filtered? Y	Unpreserved (tee		Comments
Sample ID Date Time	ype ype blc 1	Unpreserved (16 IINO3 HCL H2SO4 NAOH Other (Specify)	CATURE	Comments
	nix T n Ta n Ta of C	O4 O4 Sr (S	2000	
H300565	Collected by, Matrix Type From Table 1 No. of Conta Sample Filter	IINO3 HCL H2SO4 NAOH Other (S	W To the second	F4.40 onia.
July Jub 1882 3-4-13 3138				
2.				
3.				
4.				
5.				2
6.				
7.				
8. * *				
9. 30 2 0	<del>                                     </del>			
10. 33				
Relinquished by:	Date: > 4/ > T	ime: Received by:	Date:	1/2 / 2 Rimgt / / / S
Relinquished by		<u> </u>	Date:	10/11 Time 100
Mulu ( fall		175 45 Reclives by	X 13/100	0/13/1973
* Sample Reject: [ ] Return [ ] Dispose [ ] Store	30 Days)	400	u surrour 2/	W/K5 40145



## House and Descripions

Analysis subcontracted in SunStan Laboratories, Inc.

Analyse NOT DETECTED at or above the reporting limit

Results Results of 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

Cardinal Laboratories

\*=Accredited Analyte

PLEASE. NOTE: Liability and Damages. Cardenal's isolating and client's exclusive remedy for any client rising, whether isseed in contract or tort, study be limited to the amount paid by effort for analyses. All claims, including those for negligence any other caudio viol-too-error shall be deemed walved unless made in writing and received by Client within thirty (30) days rather completion of the applicable service. In no event shall Cardinal be liable for locational be liable for locational and applicable services between the control of the amount paid by client, in no event shall Cardinal be liable for locational damages independently business interruptions, loss of use, or loss of profiles incurred by client, in Cardinals, a cardinal client to the performance of the services bessender by Cardinal, regardless of whether suid client's data dupon toy of the above stated reasons or otherwise. Results relate only to the samples identified above. This repositional port benefit to full with written approval of Cardinal Laboratorics.

Clay & Keine

Celay ID. Receive, Lab Director/Quality Manager

Page 3 of 4

# EUCAN PRODUCTION CORP. JULY JUBILE 12 MW24661 API#30-045-25123 790' FNL, 790' FWL rwnw sec. 29, t24n, r9w LAT: 36,29036 LONG. 107.81796 SAN JUAN COUNTY, NM OR ENERGENCY CALL (505), 325-1823.

