District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Resources ision Fo

Form C-144 June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Pit or Below-Grade Tank Registration or Closure

	k covered by a "general plan"? Yes 🔲 No r below-grade tank 🔲 Closure of a pit or below-gra	
Operator: Range Operating New Mexico, Inc Telephon		
Address: P.O. Box 2510 Hobbs, NM 88241		
Facility or well name: Grizzell A # 2 #: 30		Sec 2 T 22S R 37E
County: <u>Lea</u> Latitude <u>N</u>	32 deg 25.307' Longitude W 103 deg 11.686'	NAD: 1927 ☐ 1983 🔯
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐		
Pit	Below-grade tank	A Charles
Type: Drilling ☑ Production ☐ Disposal ☐	Volume:bbl Type of fluid:	
Workover	Construction material:	AUG CANALON AND AND AND AND AND AND AND AND AND AN
Lined 🛛 Unlined 🗌	Double-walled, with leak detection? Yes If no	ot, explain why not ecoived hobbs
Liner type: Synthetic Thickness 20 mil Clay		Nobbs N
Pit Volumebbl		(2)
Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points) 53-feet
high water elevation of ground water.)	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic	Yes	(20 points)
water source, or less than 1000 feet from all other water sources.)	No	(0 points)
Distance to surface water. (horizontal distance to all water de plane	Less than 200 feet	(20 points)
Distance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)
irrigation canals, ditches, and perennial and ephemeral watercourses.)	1000 feet or more	(0 points)
	Ranking Score (Total Points)	10
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's		<u>, , </u>
If this is a pit closure: (1) Attach a diagram of the facility showing the pit's	relationship to other equipment and tanks. (2) Indic	eate disposal location: (check the onsite box if
your are burying in place) onsite offsite If offsite, name of facility S	relationship to other equipment and tanks. (2) Indicated and tanks. (3) Attach a general description of removed the control of	ate disposal location: (check the onsite box if edial action taken including remediation start date
your are burying in place) onsite offsite If offsite, name of facility sand end date. (4) Groundwater encountered: No Yes If yes, show de	relationship to other equipment and tanks. (2) Indictional control (2) Indictional control (3) Attach a general description of remorph below ground surface ft. and attach attach control (3) Attach a general description of remorph below ground surface ft.	eate disposal location: (check the onsite box if
your are burying in place) onsite offsite If offsite, name of facility S	s relationship to other equipment and tanks. (2) Indictional control c	eate disposal location: (check the onsite box if edial action taken including remediation start date ch sample results.
your are burying in place) onsite offsite If offsite, name of facility sand end date. (4) Groundwater encountered: No Yes If yes, show de (5) Attach soil sample results and a diagram of sample locations and excavat	s relationship to other equipment and tanks. (2) Indictional control c	eate disposal location: (check the onsite box if edial action taken including remediation start date ch sample results.
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your are burying in place) onsite offsite If offsite, name of facility and end date. (4) Groundwater encountered: No Yes If yes, show de (5) Attach soil sample results and a diagram of sample locations and excavat Additional Comments: All fluids were removed from the pit. The liner ar Attached you will find a drawing indicating where samples were collected I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guideline Date:	s relationship to other equipment and tanks. (2) Indictional sundance (3) Attach a general description of remorph below ground surface ft. and attached ions. Indexcavated soil were disposed at an NMOCD approached below the liner. Indexcavated soil were disposed at an NMOCD approached below the liner. Indexcavated soil were disposed at an NMOCD approached below the liner.	the above-described pit or below-grade tank ative OCD-approved plan
your are burying in place) onsite offsite If offsite, name of facility and end date. (4) Groundwater encountered: No Yes If yes, show de (5) Attach soil sample results and a diagram of sample locations and excavat Additional Comments: All fluids were removed from the pit. The liner ar Attached you will find a drawing indicating where samples were collected I hereby certify that the information above is true and complete to the best has been/will be constructed or closed according to NMOCD guideline. Date:	s relationship to other equipment and tanks. (2) Indictional sundance (3) Attach a general description of remorph below ground surface ft. and attached ions. Indexcavated soil were disposed at an NMOCD approached below the liner. Indexcavated soil were disposed at an NMOCD approached below the liner. Indexcavated soil were disposed at an NMOCD approached below the liner.	the above-described pit or below-grade tank ative OCD-approved plan

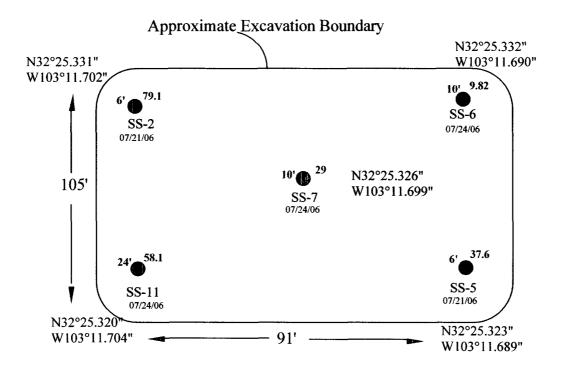


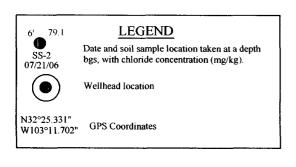


FIGURE #1 LEA COUNTY, NEW MEXICO

Grizzell A #2

U.L.H, Sec.2, T22S, R37E

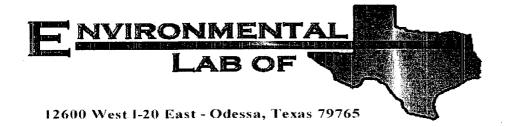
Range Resources





CHH

Site Drawing (Not to Scale) Ocotillo ENVIRONMENTAL



Analytical Report

Prepared for:

Cindy Crain
Ocotillo Environmental
2125 French Dr.
Hobbs, NM 88201

Project: Grizzell A #2
Project Number: 6-0127
Location: None Given

Lab Order Number: 6G21018

Report Date: 07/26/06

Ocotillo Environmental 2125 French Dr.

Hobbs NM, 88201

Project: Grizzell A #2

Project Number: 6-0127 Project Manager: Cindy Crain Fax: (432) 367-6747

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	6G21018-01	Soil	07/21/06 07:50	07/21/06 16:31
SS-2	6G21018-02	Soil	07/21/06 07:53	07/21/06 16:31
SS-3	6G21018-03	Soil	07/21/06 07:56	07/21/06 16:31
SS-4	6G21018-04	Soil	07/21/06 07:59	07/21/06 16:31
SS-5	6G21018-05	Soil	07/21/06 08:02	07/21/06 16:31

Ocotillo Environmental 2125 French Dr.

Hobbs NM, 88201

Project: Grizzell A #2

Project Number: 6-0127 Project Manager: Cindy Crain Fax: (432) 367-6747

General Chemistry Parameters by EPA / Standard Methods Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1 (6G21018-01) Soil									
Chloride	9750	250	mg/kg	500	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-2 (6G21018-02) Soil									
Chloride	79.1	5.00	mg/kg	10	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-3 (6G21018-03) Soil									
Chloride	4720	100	mg/kg	200	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-4 (6G21018-04) Soil									
Chloride	816	25.0	mg/kg	50	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-5 (6G21018-05) Soil									
Chloride	37.6	5.00	mg/kg	10	EG62505	07/25/06	07/26/06	EPA 300.0	

2125 French Dr. Hobbs NM, 88201 Project: Grizzell A #2

Project Number: 6-0127 Project Manager: Cindy Crain Fax: (432) 367-6747

General Chemistry Parameters by EPA / Standard Methods - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Notes
	1100011	Dillit			. court	70.00		-10 D	- Dallit	110103
Batch EG62505 - Water Extraction										
Blank (EG62505-BLK1)				Prepared:	07/25/06	Analyzed:	07/26/06			
Chloride	ND	0.500	mg/kg							-
LCS (EG62505-BS1)				Prepared:	07/25/06	Analyzed:	07/26/06			
Chloride	10.2	0.500	mg/kg	10.0		102	80-120			
Calibration Check (EG62505-CCV1)				Prepared:	07/25/06	Analyzed:	: 07/26/06			
Chloride	9.99		mg/L	10.0		99.9	80-120			
Duplicate (EG62505-DUP1)	Sou	ırce: 6G2101	8-01	Prepared:	07/25/06	Analyzed:	: 07/26/06			
Chloride	9730	250	mg/kg		9750			0.205	20	
Duplicate (EG62505-DUP2)	Sou	ırce: 6 G25 00	14-06	Prepared:	07/25/06	Analyzed:	: 07/26/06			
Chloride	55.4	5.00	mg/kg		58.1			4.76	20	
Matrix Spike (EG62505-MS1)	Sou	ırce: 6 G2 101	18-01	Prepared:	07/25/06	Analyzed	: 07/26/06			
Chloride	15300	250	mg/kg	5000	9750	111	80-120			
Matrix Spike (EG62505-MS2)	Sou	ırce: 6G2500	14-06	Prepared:	07/25/06	Analyzed	: 07/26/06			
Chloride	156	5.00	mg/kg	100	58.1	97.9	80-120			

2125 French Dr. Hobbs NM, 88201 Project: Grizzell A #2

Project Number: 6-0127
Project Manager: Cindy Crain

Fax: (432) 367-6747

Notes and Definitions

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:

Raland Lowell

Date: 7-26-06

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Director, Org. Tech Director

Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

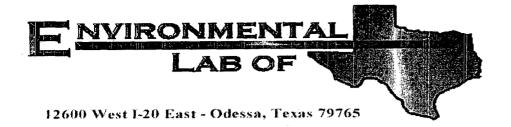
12600 West I-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager: Cindy Crain										_					Proj	ect !	Name	»:	61	<u>'2</u>	20	<u>:/</u> 1	, ,	<u>A</u>	// .	#2	2		
	Company Name Ocotillo Enviro	onme	ntal											_			Pro	ect #	# :		<u>(e</u>	-6	2 (2	7					
	Company Address 2125 French D	rive,	P.O.	Вох	1816																									
	City/State/Zip: Hobbs, NM 88	3241												_				PO f												
	Telephone No. (505) 441-7244	ı				Fax No:	(43	2) 3	67-6	747				-	Rep	ort F			-	Sta	ında	rd			RRF			NPDE	 ES	
	Sampler Signature:	25/	-			e-mail:	cin	dy.c	rain(<u>Qg</u> r	nail	.con	<u>n</u>			_		. <u></u>		`									_	
(lab use	only)	U														ŀ			TCLF		Ar	nalyz	e Fo	r: 	-		П	┥,	و	
ORDE	R#: 6G 21018									diam f	2 4 -6	0			Mote				OTAL				\exists			ļ			8, 72 ms	
AB # (lab use only)	FIELD CODE		Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Clos	HNO ₃			03		Other (specify)	Was Groundwater S=Soil/Solid	7	TPH: 418.1 8015M 1005 1006	Cations (Ca, Mg, Na, K)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.K.M.			BISH TAT (the cohodula) to 40	e-Schedulej 24,	Standard TAT
-01	55-1		<u>w</u>		7/21/04	7:50	1		\top	T	T		\top	Ť	ົ້ _ວ	┪	+		7	Ť	Ĺ		7		7	\top	\Box	f	_	
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Variance/ Corrective Action Report- Sample Log-In

ab ID#: 6621018				:
0.47				
itials:				
Sample Receipt	Checklist			
			Cli	ent Initials
1 Temperature of container/ cooler?	Yes	No	5,0 °C	
2 Shipping container in good condition?	YE9	No		
3 Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
4 Custody Seals intact on sample bottles/ container?	Yes	No	Not Present	
5 Chain of Custody present?	(Yes)	No		
Sample instructions complete of Chain of Custody?	res	No		·
7 Chain of Custody signed when relinquished/ received?	E S	No		
Chain of Custody agrees with sample label(s)?	Yes	No	ID written on Cont./ Ltd	
9 Container label(s) legible and intact?	Yes	No	Not Applicable	
10 Sample matrix/ properties agree with Chain of Custody?	Y(ES)	No		;
11 Containers supplied by ELOT?	Yes	No		
12 Samples in proper container/ bottle?	Yes_	No	See Below	
13 Samples properly preserved?	Yes	No	See Below	
14 Sample bottles intact?	Y ₂ s	No		
15 Preservations documented on Chain of Custody?)/es	No		
16 Containers documetned on Chain of Custody?	γ e s	No		
17 Sufficient sample amount for indicated test(s)?	è s	No	See Below	
18 All samples received within sufficient hold time?	Yes.	No	See Below	
19 VOC samples have zero headspace?	Yes	No	Not Applicable,	
Variance Docum	nentation			
Contact: Contacted by:		_	Date/ Time:	:
Regarding:				
Corrective Action Taken:				:

Client understands and would like to proceed with analysis Cooling process had begun shortly after sampling event



Analytical Report

Prepared for:

Cindy Crain
Ocotillo Environmental
2125 French Dr.
Hobbs, NM 88201

Project: Grizzell A #2

Project Number: 6-0127 Location: Eunice, NM

Lab Order Number: 6G25004

Report Date: 07/26/06

Ocotillo Environmental 2125 French Dr.

Hobbs NM, 88201

Project: Grizzell A #2

Project Number: 6-0127 Project Manager: Cindy Crain Fax: (432) 367-6747

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-6	6G25004-01	Soil	07/24/06 08:25	07/24/06 17:58
SS-7	6G25004-02	Soil	07/24/06 08:28	07/24/06 17:58
SS-8	6G25004-03	Soil	07/24/06 08:32	07/24/06 17:58
SS-9	6G25004-04	Soil	07/24/06 11:30	07/24/06 17:58
SS-10	6G25004-05	Soil	07/24/06 11:42	07/24/06 17:58
SS-11	6G25004-06	Soil	07/24/06 13:00	07/24/06 17:58

Ocotillo Environmental 2125 French Dr. Hobbs NM, 88201 Project: Grizzell A #2

Project Number: 6-0127
Project Manager: Cindy Crain

Fax: (432) 367-6747

General Chemistry Parameters by EPA / Standard Methods Environmental Lab of Texas

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SS-6 (6G25004-01) Soil									
Chloride	9.82	5.00	mg/kg	10	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-7 (6G25004-02) Soil									
Chloride	29.0	5.00	mg/kg	10	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-8 (6G25004-03) Soil									
Chloride	6540	200	mg/kg	400	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-9 (6G25004-04) Soil									
Chloride	16200	250	mg/kg	500	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-10 (6G25004-05) Soil									
Chloride	4010	50.0	mg/kg	100	EG62505	07/25/06	07/26/06	EPA 300.0	
SS-11 (6G25004-06) Soil									
Chloride	58.1	5.00	mg/kg	10	EG62505	07/25/06	07/26/06	EPA 300.0	

2125 French Dr. Hobbs NM, 88201 Project: Grizzell A #2

Project Number: 6-0127

Project Manager: Cindy Crain

Fax: (432) 367-6747

General Chemistry Parameters by EPA / Standard Methods - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG62505 - Water Extraction										
Blank (EG62505-BLK1)				Prepared:	07/25/06	Analyzed:	07/26/06			
Chloride	ND	0.500	mg/kg							
LCS (EG62505-BS1)				Prepared:	07/25/06	Analyzed:	07/26/06			
Chloride	10.2	0.500	mg/kg	10.0		102	80-120		-	
Calibration Check (EG62505-CCV1)				Prepared:	07/25/06	Analyzed:	07/26/06			
Chloride	9.99		mg/L	10.0		99.9	80-120			
Duplicate (EG62505-DUP1)	Soi	urce: 6G210	18-01	Prepared:	07/25/06	Analyzed:	07/26/06			
Chloride	9730	250	mg/kg		9750			0.205	20	
Duplicate (EG62505-DUP2)	So	urce: 6G2500	04-06	Prepared	07/25/06	Analyzed:	07/26/06			
Chloride	55.4	5.00	mg/kg		58.1			4.76	20	
Matrix Spike (EG62505-MS1)	So	urce: 6G210	18-01	Prepared:	07/25/06	Analyzed:	07/26/06			
Chloride	15300	250	mg/kg	5000	9750	111	80-120			
Matrix Spike (EG62505-MS2)	So	urce: 6G2500	04-06	Prepared	: 07/25/06	Analyzed:	07/26/06			
Chloride	156	5.00	mg/kg	100	58.1	97.9	80-120			

2125 French Dr. Hobbs NM, 88201 Project: Grizzell A #2

Project Number: 6-0127 Project Manager: Cindy Crain Fax: (432) 367-6747

Notes and Definitions

DET Analyte DETECTED

Analyte NOT DETECTED at or above the reporting limit ND

NR Not Reported

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference

LCS Laboratory Control Spike Matrix Spike

Duplicate Dup

MS

Report Approved By: Radon & Foul

Raland K. Tuttle, Lab Manager Celey D. Keene, Lab Director, Org. Tech Director Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager: Cindy Crain												Proj	ect	Nam	ie: _	<u>6</u> r	12	26	11:	^	1#	- 2					
	Company Name Ocotillo Environm	ental												Pro	ject	#:_			U	0 -	01	12	7					
	Company Address 2125 French Drive	e, P.O. Box	1816										Pı	ojec	et Lo	oc: _		Í	ŪΙ	<u>) (</u>	ce		V	\mathcal{N}	L			
	City/State/Zip: Hobbs, NM 8824	1						-			_				PQ													
	Telephone No: (505) 441-7244			Fax No:	(432	2) 36	 57-67	4 7				Re	port l	orn	nat:	-	s	Stanc	lard		[RP)		NPC	DES	;
	Sampler Signature: Passe 3	lather		e-mail:					il.co	om																		
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(lab use	1000000			Λ.	~											TCL TOTA		\pm	\pm	士	_						, 72 hr	
ORDE	R#: 09000		T			Pre	eservati	on & #	of Cor	ntainer	8	Mat	rix	8		١	1	8		9	926U						24, 48,	\vdash
AB # (lab use only)	FIELD CODE	Beginning Depth	Date Sampled	Time Sampled	of Containers	Ice	HNO ₃	H ₂ SO ₄	Na ₂ S ₂ O ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW = Groundwater S=Soll/Solid	ű	TPH: 418.1 8015M 1005	Cations (Ca, Mg, Na, K)	Anions (CL)SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volaures	Semivolatiles	BTEX 8021B/5030 or BTEX 8260 PC!	N.O.R.M.					-Schedule)	Standard TAT
0	55-6	10' 10	7/24/04	8:25	1	7			+	+		3	<u>z</u> .	ᅱ	Ť	*	"	-	1	ή	+	+	十	T	T	Ħ	_	V
10	55-7	10' 10'	1	8:28	ı	V		\Box	T			5		┪		d	1		T	T	十	十	十	T		П		V
13	55-8	10' 10'		8:32	1	$\sqrt{}$			I			S				V				I	floor	\perp	Ι					V
04		15' 15'		11:30	1	$\sqrt{}$						S				V							L	\perp	L	Ц	Ц	V
0	55-10	21' 21'		11:42	1	V						S				4	\perp	\perp	\perp	1	\bot	\bot	\downarrow	\perp	$oldsymbol{ol}}}}}}}}}}}}}}$	Ц	Ш	V
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	Asic Hotos 7/24/00 pate	5:58 Time	Received by:					-		-	Da	ite	-	ime		b		mpl	er/C		red Rep JPS). ? DF	НL	Fe	dEx	Lone	N (E) (E) N N e Str	ar
₹elinqui	shed by: Date	Time	Received by EL	d/ fur)					7-	Da 24	ite -0 (/	1	ime 50	- 1-	Γemį	рега	ture	Upo	on R	leceij	ρt:	:	4.	ð °	, 	°C	

Variance/ Corrective Action Report- Sample Log-In

Client: Motillo Inl.				
10/2 1/2				
Date/ Time: 1/24/04/17:5X			÷	
Lab ID#: 472004				
Initials:				
Sample Receipt	Checklist			
#1 Temperature of container/ cooler?	Yes	No	Client In	itials
#2 Shipping container in good condition?	/res	No	T	
#3 Custody Seals intact on shipping container/ cooler?	Yes		Net	
#4 Custody Seals intact on sample bottles/ container?		No No	Not Present	
#5 Chain of Custody present?	Yes	No	Not Present	
	¥es			
	Kes Kes	No		
#7 Chain of Custody signed when relinquished/ received?#8 Chain of Custody agrees with sample label(s)?	Yes	No		
#8 Chain of Custody agrees with sample label(s)? #9 Container label(s) legible and intact?	Yes	No	ID written on Cont. (Lid)	
		No	Net Applicable	
#10 Sample matrix/ properties agree with Chain of Custody? #11 Containers supplied by ELOT?	<u>Æ</u> s	No No	<u> </u>	
#12 Samples in proper container/ bottle?	(es		0	
#13 Samples properly preserved?	Xes .	No No	See Below	
#14 Sample bottles intact?	/6 §		See Below	
#15 Preservations documented on Chain of Custody?	Yes	No		
#16 Containers documented on Chain of Custody?	∕ Ç S	No		
· · · · · · · · · · · · · · · · · · ·	Ces	No		
#17 Sufficient sample amount for indicated test(s)? #18 All samples received within sufficient hold time?	es	No	See Below	
	Yes Vac	No	See Below	
#19 VOC samples have zero headspace?	Yes	No	Not Applicable	
Variance Docum	antation			
Variance Bocan	iciitation			
Contact: Contacted by:			Date/ Time:	
Regarding:				
			1	-
				·
Corrective Action Taken:				
				
Check all that Apply: See attached e-mail/ fax				
Client understands and would				
Cooling process had begun s	hortly after s	sampling	event	