WELL APINO.   30-015-33745	Submit 3 Copies To Appropriate District Office	,	f New Me		nroec			rm C-103 May 27, 2004
DATE CONSERVATION DIVISION 1220 SOUTH St. Francis Dr. 1220 SOUTH St. Franci	District I 1625 N. French Dr., Hobbs, NM 88240	Ellergy, willicial	is and maju	nai Reso		WELL API NO		10) 11, 100.
District III   1220 South St. Francis Dr.   S. Indicate Pype of Lease   February   1220 South St. Francis Dr.   Santa Fe, NM 87505	District II	OIL CONSER	VATION	DIVISI	ION			
Santa Fe, NM 87505   Santa F	District III							EDERAL
1.   Lease Name or Unit Agreement Name   1   2.   2007   2.   2.   2.   2.   2.   2.   2.   2					}			
SUND WELLS ON NOT USE THIS PORM FOR PROPOSALS TO DRILLO RY TO DEEPING FORM C-101 FOR PLUG BACK TO A DIFFERENT RESERVOR. USE 'APPLICATION FOR PERMIT' FORM C-101 FOR SUCH PROPOSALS.)  1. Type of Well: Oil Well   Gas Well   Other   JUL 25 2807    3. Address of Operator   COG Operating LLC   OCD-ARTESIA    4. Well Location   Unit Letter   N   660'   feet from the   South   line and   1980'   feet from the   West   line   Unit Letter   N   660'   feet from the   South   line and   1980'   feet from the   West   line   Section   21   Township   16S   Range   28E   NIPM   County   EDDY    11. Elevation   Sokow whether DR, RKB, RT, GR, step   Section   21   Township   16S   Range   28E   NIPM   County   EDDY    12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   NOTICE OF INTENTION TO:   PRILLING   Depth to Groundwater 109'   Distases from nearest fresh water well   1000' Distases from nearest surface water   1000   PIT Liner Thickness   12 mil   Relow Grade Task: Volume   bibs:   Construction Material    12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   NOTICE OF INTENTION TO:   PREMEDIAL WORK   PLUG AND ABANDON   CHANGE PLUS   COMMENCE ORILLING OPNS   PAND A   PULL OR ALTER CASING   MULTIPLE COMPL   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   CASING/GEMENT JOB   PAND A   CASING/GEMENT JOB   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   COMMENCE ORILLING OPNS   PAND A   COMMENCE ORILLING OPNS   PAND A   CASING CEMPLANS   CASING CEMPLA	1220 S. St Francis Dr., Santa Re, NM		. •, : •, :			o. State Off &	Gas Lease No.	
DIFFERNT RESERVOIR. USE 'APPLICATION FOR PERMIT' (FORM C-101) FOR SUCH   REINDEER FEDERAL	SUNDRYNOT					7. Lease Name	e or Unit Agreeme	ent Name
PROPOSALS)   Construction   Columber   Col					ГО А			
2. Name of Operator			/KWI C-101) I C	JK 30CH	-			AL.
3. Address of Operator  S50 W. Texas Ave., Suite 1300 Midland, TX 79701  4. Well Location  Unit Letter N		Gas Well 🛛 Other	.!!!!	2 5 700	17			
1. Pool name or Wildcat   1. Pool name or		OG Operating LLC		-		9. OGRID Nu		
4. Well Location Unit Letter N 660' feet from the South line and 1980' feet from the West line Section 21 Township 16S Range 28E NMPM County EDDY  11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3589' GR  12. It leves to the South state from nearest fresh water well 1000' bistance from nearest surface water 1000 PFI Liner Thickness: 12 mil Below-Grade Tank: Volume bists; Construction Material  12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHANGE PLANS   CASING/CEMENT JOB   PAND A CASING/CEMENT JOB   PULL OR ALTER CASING   MULTIPLE COMPL   OTHER:  13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  On July 11, 2007, pit closure began. Closure of the pits was completed July 11, 2007.  Accepted Too Record Completed Support of the pits was completed July 11, 2007.  Accepted Too Close by Mike Bratcher on 7/11/2007, As per Mike Bratcher 3.0' of material was removed from the Southbeast corner and blended with fresh top soil berm, the material was spread evenly on the bottom of the reserve pit. Mud was placed in a lined trench and covered with 3.0' of soil.  1 hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has brenivith the constructed or closed according to NMOCD guidelines E, a general permit   or an (attached) alternative OCD-approved plan    1 hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has brenivith the constructed or closed according to NMOCD guidelines E, a general permit   or an (attached) alternative OCD-approved plan    1 hereby certify that the information above is true and comp		OG Operating LLC	<u> </u>	ARTES	NA A	10 Pool name		
Unit Letter N Section 21 Township 16S Range 28E NMPM County EDDY    11 Elevation (Show whether DR, RKB, RT, GR, etc.)		ite 1300	Midland,	TX 7970	1			≀OW
Township   16S   Range   28E   NMPM   County   EDDY	4. Well Location		***					
Pit or Below-grade Tank Application   or Closure   Sassy   GR	Unit Letter N :	660' feet from the	South 1	ine and $\_$	<u>1980'</u>	feet from the	e <u>West</u>	line
3589' GR	Section 21						Count	y EDDY
Pit type   DRILLING   Depth to Groundwater   1907   Distance from nearest fresh water well   1909   Distance from nearest surface water   1909		11. Elevation (Show)			r, GR, etc.)			704
Pit type   DRILLING   Depth to Groundwater 100'   Distance from nearest fresh water well   1000' Distance from nearest surface water   1000	Pit or Below-grade Tank Application	or Closure 🔯	3589	GR	· · · · · · · · · · · · · · · · · · ·		California (Spinis	
12 mil   Below-Grade Tank: Volume   bbls: Construction Material			e from nearest	fresh wate	r well 1000	D' Distance from 1	rearest surface water	1000
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data   NOTICE OF INTENTION TO:   SUBSEQUENT REPORT OF:							rearest surface water	
NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHANGE PLANS   COMMENCE DRILLING OPNS   P AND A   PULL OR ALTER CASING   MULTIPLE COMPL   COMMENCE DRILLING OPNS   P AND A   DTHER:  OTHER:   OTHER:   Pit closure completed   Participations   OTHER:   Pit closure completed   Participations   OTHER:   OTHER:   Pit closure completed   Participations   OTHER:   Pit closure of tatach wellbore diagram of proposed completion or recompletion.  On July 11, 2007, pit closure began.  Closure of the pits was completed July 11, 2007.  Attachments:  Diagram of well site and pit location  Highlander Environmental reports  JUL 26 2007  Gerry Guye, Deputy Field Inspector NMOCD—District I ARTESIA corner and blended with fresh top soil berm, the material was spread evenly on the bottom of the reserve pit. Mud was placed in a lined trench and covered with 3.0' of soil.  I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or belowgrade tank has beenwill be constructed or closed according to NMOCD guidelines (A) a general permit   or an (attached) alternative OCD-approved plan    Title Regulatory Analyst DATE 7-23-07  Type or print name Kanicia Carrillo E-mail address: kcarrillo@conchoresources.com Telephone No. 432-685-4332  APPROVED BY: TITLE DATE							an Data	
PERFORM REMEDIAL WORK  PLUG AND ABANDON  REMEDIAL WORK  ALTERING CASING  PULL OR ALTER CASING  MULTIPLE COMPL  CASING/CEMENT JOB  PAND A  PULL OR ALTER CASING  MULTIPLE COMPL  PAND A  PAND A  PAND A  POLL OR ALTER CASING  MULTIPLE COMPL  PAND A  PAND A  PAND A  OTHER: Pit closure completed  STARTING TOTHER: Pit closure completed  STARTING TOTHER STARTING T	12. Check	Appropriate Box to	maicate N	ature of	nouce, i	Report or Our	ier Data	
TEMPORARILY ABANDON	NOTICE OF I	NTENTION TO:						
OTHER:  OTHER:  OTHER:  Pit closure completed  S  13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.  On July 11, 2007, pit closure began. Closure of the pits was completed July 11, 2007.  Attachments:  Diagram of well site and pit location  Highlander Environmental reports  UL 2 6 2007  Gerry Guye, Deputy Field Inspector NMOCD-District II ARTESIA corner and blended with fresh top soil berm, the material was spread evenly on the bottom of the reserve pit. Mud was placed in a lined trench and covered with 3.0' of soil.  I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or belowgrade tank has been/will be constructed or closed according to NMOCD guidelines ☑, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.  SIGNATURE  Kanicia Carrillo E-mail address: kcarrillo@conchoresources.com  Title Regulatory Analyst  DATE 7-23-07  Type or print name  For State Use Only  APPROVED BY:  TITLE DATE				1			=	ASING 🗌
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For State Use Only  APPROVED BY: TITLE DATE	SIGNATURE #		TTTLE	Regula	atory Analy	yst	DATE	<u>3-U/</u>
For State Use Only  APPROVED BY: TITLE DATE	Type or print name Kanicia Ca	arrillo E-mail address:	kcarrillo@	concho	resource	s.com Telepl	hone No. <b>432-68</b>	5-4332
				-		•		
	APPROVED RV		דודו ב				DATE	
	Conditions of Approval (if any):							

Work Order: 7071216 COG Operating/Reindeer Federal #1 Page Number: 1 of 2 Eddy County, NM

# **Summary Report**

Gary Miller

Highlander Environmental Services

1910 N. Big Spring Street Midland, TX, 79705

Report Date: July 16, 2007

Work Order: 7071216 

Project Location: Eddy County, NM

Project Name:

COG Operating/Reindeer Federal #1

Project Number: 3044

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
129709	North West 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129710	North East 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129711	South West 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129712	South East 10.0' BPB	soil	2007-07-10	00:00	2007-07-11
129713	Center 2.0' BPB	soil	2007-07-10	00:00	2007-07-11
129714	North 2.0' BPB	soil	2007-07-10	00:00	2007-07-11
129715	South 5.0' BPB	soil	2007-07-10	00:00	2007-07-11

Sample: 129709 - North West 5.0' BPB

Param	Flag	Result	Units	RL
Chloride		< 50.0	mg/Kg	2.00

Sample: 129710 - North East 5.0' BPB

Param	Flag	Result	Units	RL
Chloride		<50.0	ıng/Kg	2.00

Sample: 129711 - South West 5.0' BPB

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	2.00

Sample: 129712 - South East 10.0' BPB

Param	Flag	Result	Units	RL
Chloride		< 50.0	mg/Kg	 2.00

Report Date: July 3044	16, 2007	Work Order: 7071216 COG Operating/Reindeer Federal #1		Page Number: 2 of 2 Eddy County, NM
Sample: 129713	- Center 2.0' BPB	i		
Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	2.00
Sample: 129714	- North 2.0' BPB			
Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	2.00
Sample: 129715	- South 5.0' BPB			
Param	Flag	Result	Units	RL
Chloride		< 50.0	mg/Kg	2 00

	Highlander Environmental Corp.  Pit Sample Location Plat  Pit wall in feet 110'
	× South East × South Uest × Indicates Sample Location (Name by quarter i.e. NW, NE etc)
Pit wall in feet $130^\circ$	× Center  Depth of pit in feet
	× North East × North West  North  20.7  • Wellhead
	Well Pad
	Client: COG Operating LLC Well Name. REINDEER Federal #1 APIR 30-015-33746

# Highlander Environmental Corp. Pit Closure Sampling Report

	2 - 11.4	
Job Number:	3044	
Client:	606 Operating LLC	
Weil Name	REINDEER Federal #1	•
API#	30-015-33146	
Depth of Pit	7.0'	
Location and Depth of		

All pit sample depths are below pit bottom (BPB)

Background sample

Sample Location	Depth (BPB)	Field Chloride Results (ppm)	Lab Chloride Results (ppm)
North West	2.0'	1,500	
700777 5-177	2.0' 5.0'	250	< 50.0
Center	2,0	220	< 50. o
North East	2,0' 5.0'	360	
~~	5.0'	240	<50.0
South West	2.0° 5.0°	2 <i>80</i> 240	<del></del>
	5.0'	240	<50.0
(-1) E		1 2 (2)	
South Eust	$\frac{12.0}{5.01}$	3,120	
	2.0° 5.0° 10.0'	400 <b>2</b> 20	<b>\\ 50.0</b>
	10.0	120	1 20,0
		<del> </del>	
North	2.0'	240	(50.0
	1	1 2 10	10000
South	2.0'	260	
·	2,0' 5.0'	260	<50.0
		<del> </del>	

DNR- Did not run at lab. BGS- Below Ground Surface BPB- Below Pit Bottom

Work Order: 7071216 COG Operating/Reindeer Federal #1 Page Number: 1 of 2 Eddy County, NM

# **Summary Report**

Gary Miller

Highlander Environmental Services

1910 N. Big Spring Street Midland, TX, 79705

Report Date: July 16, 2007

Work Order: 7071216 

Project Location: Eddy County, NM

Project Name:

COG Operating/Remdeer Federal #1

Project Number: 3044

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
129709	North West 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129710	North East 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129711	South West 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129712	South East 10.0' BPB	soil	2007-07-10	00:00	2007-07-11
129713	Center 2.0' BPB	soil	2007-07-10	00:00	2007-07-11
129714	North 2.0' BPB	soil	2007-07-10	00:00	2007-07-11
129715	South 5.0' BPB	soil	2007-07-10	00:00	2007-07-11

Param	Flag	Result	Units	RL
Chloride		< 50.0	me/Ke	2.00

## Sample: 129710 - North East 5.0' BPB

Param	Flag	Result	Units	R.L
Chloride		< 50.0	mg/Kg	2.00

## Sample: 129711 - South West 5.0' BPB

Param	Flag	Result	Units	RL
Chloride	· · · · · · · · · · · · · · · · · · ·	< 50 0	mg/Kg	2.00

## Sample: 129712 - South East 10.0' BPB

Param	Flag	Result	Units	RL
Chloride		< 50.0	mg/Kg	2.00

Report Date: July 16, 2007 Work Order: 7071216 Page Number: 2 of 2 3044 COG Operating/Reindeer Federal #1 Eddy County, NM Sample: 129713 - Center 2.0' BPB Result Units RLFlag Chloride <50.0 2.00 mg/Kg Sample: 129714 - North 2.0' BPB Result RLParam Flag Units 2.00 Chloride < 50.0 mg/Kg Sample: 129715 - South 5.0' BPB Units RLParam Flag Result

< 50.0

mg/Kg

2.00

Chloride



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11 Pash, Joxas 79922 Micland Texas 79703 500), Harris Fabriyay, Suito 110 - Pt. Wu, th. Texas 76102

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# Analytical and Quality Control Report

Gary Miller Highlander Environmental Services . 1910 N. Big Spring Street Midland, TX, 79705

Report Date: July 17, 2007

Work Order: 7071216 

Project Location: Eddy County, NM

Project Name: COC Operating/Reindeer Federal #1

Project Number:

Euclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

			Date	1 11ttG	Dare
Sample	Description	Matrix	Taken	Taken	Received
129709	North West 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129710	North East 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129711	South West 5.0' BPB	soil	2007-07-10	00:00	2007-07-11
129712	South East 10.0' BPB	soil	2007-07-10	00:00	2007-07-11
129713	Center 2.0' BPB	soil	2007-07-10	00:00	2007-07-11
129714	North 2.0' BPB	soil	2007-07-10	00:00	2007-07-11
129715	South 5.0' BPB	soil	2007-07-10	00:00	2007-07-11

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Dr. Blan Leftwich, Director

#### Standard Flags

B - The sample contains less than ten times the concentration found in the method blank

Report Date: July 17, 2007 3044

Work Order: 7071216 COG Operating/Reindeer Federal #1 Page Number: 2 of 4 Eddy County, NM

# Analytical Report

Sample: 129709	_	North	West	5.0'	BPB
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Analysis:

Chloride (Titration)

QC Batch: 39105 Prep Batch: 33847 Analytical Method: Date Analyzed:

SM 4500-Cl B

2007-07-16

Prep Method: N/A Analyzed By: AR

Prepared By: AR

RL

Flag Parameter Result Units Dilution RLmg/Kg Chloride < 50.0 2.00

Sample Preparation:

#### Sample: 129710 - North East 5.0' BPB

Analysis: QC Batch:

Chloride (Titration)

39105 Prep Batch: 33847 Analytical Method: Date Analyzed:

SM 4500-Cl B 2007-07-16

Prep Method: N/A

Analyzed By: AR

Sample Preparation:

RL

Prepared By:  $\Lambda R$ 

Dilution RL Parameter Flag Result Units 2.00 Chloride < 50.0 25 mg/Kg

#### Sample: 129711 - South West 5.0' BPB

Analysis: QC Batch:

Chloride (Titration)

39105 Prep Batch: 33847 Analytical Method: Date Analyzed:

Sample Preparation:

SM 4500-Cl B 2007-07-16

Prep Method: N/A

Analyzed By: ARPrepared By:

RLFlag Result Parameter Chloride <50.0

Dilution 25

Dilution

25

RL2.00

RL

2.00

#### Sample: 129712 - South East 10.0' BPB

Analysis: QC Batch:

Chloride

Chloride (Titration)

39105 Prep Batch: 33847

Analytical Method:

RL

< 50.0

SM 4500-Cl B 2007-07-16

Units

Units

mg/Kg

mg/Kg

Prep Method: N/AAnalyzed By: AR

Parameter Flag Result

Date Analyzed: Sample Preparation: Prepared By: AR

Sample: 129713 - Center 2.0' BPB

Analysis: QC Batch:

Chloride (Titration)

39105 Prep Batch. 33847

Analytical Method: Date Analyzed: Sample Preparation: SM 4500-Cl B 2007-07-16

Prep Method: N/A Analyzed By: AR Prepared By:

Report Date: July 17, 2007 3044

Work Order: 7071216

COG Operating/Reindeer Federal #1

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		•					
		RL					
Parameter	Flag	Result	Unit		Dilutio		RL
Chloride		<50.0	mg/K	g	2.	5	2.00
Sample: 12	9714 - North 2.0' BPB						
Analysis: QC Batch:	Chloride (Titration) 39105	Analytical Date Analy	zed: 200	4500-Cl B 7-07-16		Prep Method: Analyzed By:	Α̈́R
Prep Batch:	33847	Sample Pre	eparation:			Prepared By:	AR
		RL					
Parameter .	Flag	Result	Unit	ts '	Dilution	n	RL
Chloride		< 50.0	mg/K	<u>.g</u>	2	5	2.00
Sample: 12	9715 - South 5.0' BPB Chloride (Titration)	Analytical l		4500-Cl B		Prep Method:	N/A
QC Batch: Prep Batch:	39105 33847	Date Analy Sample Pre	wed: 200	7-07-16		Analyzed By: Prepared By:	AR AR
Parameter	Flag	RL Result	Unit	ts	Dilutio	i I	RL
Chloride		<50.0	nig/K		2		2.00
Method Bl QC Batch: Prep Batch:	ank (1) QC Batch: 39 39105 33847	Date Analyzed QC Preparatio				Analyzed By: Prepared By:	
			MDL				
Parameter	Flag		Result		Units		RL
Chloride		<u> </u>	< 0.500		mg/Kg		2
Laboratory	Control Spike (LCS-1)						
QC Batch:	39105	Date Analyzec				Analyzed By	
Prep Batch:	33847	QC Preparation	on: 2007-07-16	5		Prepared By:	: AR
		LCS		Spike	Matrix	**	Rec.
Param		Result Units	Dil.	Amount	Result	Rec.	Limit

 ${\bf Spike}$ 

Amount

100

Matrix

Result

< 0.500

Rec.

102

Rec.

Limit

85 - 115

RPD

Limit

20

RPD

LCSD

Result

102

Units

mg/Kg

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Dil.

1

Param

Chloride

Report Date: July 17, 2007 3044

Work Order: 7071216

COG Operating/Reindeer Federal #1

Page Number: 4 of 4 Eddy County, NM

Matrix Spike (MS-1)

Spiked Sample: 129936

QC Batch: 39105 Prep Batch: 33847 Date Analyzed: QC Preparation: 2007-07-16

2007-07-16

Analyzed By: AR Prepared By: AR

	MS			Spike	Matrix		Rec.
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit
Chloride	6130	mg/Kg	25	2500	3440.83	108	85 - 115

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

	MSD			Spike	Matrix		Rec.		RPD
Param	Result	Units	Dil.	Amount	Result	Rec.	Limit	RPD	Limit
Chloride	6150	mg/Kg	25	2500	3440.83	108	85 115	0	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

## Standard (ICV-1)

QC Batch: 39105

Date Analyzed: 2007-07-16

Analyzed By: AR.

			ICVs	1CVs	ICVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	97.4	97	85 - 115	2007-07-16

## Standard (CCV-1)

QC Batch: 39105

Date Analyzed: 2007-07-16

Analyzed By: AR

			CCVs	CCVs	CCVs	Percent	
			True	Found	Percent	Recovery	Date
Param	Flag	Units	Conc.	Conc.	Recovery	Limits	Analyzed
Chloride		mg/Kg	100	103	103	85 - 115	2007-07-16

Analysis Request and Chain of Cust	ody Record	PAGE: OF:				
HIGHLANDER ENVIRONMENTAL CORP.  ANALYSIS REQUEST (Circle or Specify Method No.)						
1910 N. Big Spring St.  Midland, Texas 79705	Fax (432) 682-3946	C. Pd Hg Se				
CLIENT NAME: COG Operating SITE MANAGER: Gary Mille	PRESERVATIVE METHOD	8015 MOD.  148 Ba Cd ( 148 Ba Cd ( 148 Ba Cd ( 158 Ba				
3044 COG Operating/Reindeer Federal A	PRESERVATIVE METHOD					
LAB I.D. NUMBER DATE TIME EDDY COUNTY IN SAMPLE IDENTIFICATION	NUMBER OF FILTERED (CHCL HVO3	HTEX 8020,/608  HTEH 418.1 801  PAH 8370  RUZA Metals Ag As 1  RUZA Metals Ag As 1  RUZA Semi Volatiles  RUZ Semi Volatiles  RUZ Semi Volatiles  RUZ Semi Volatiles  RUZ GLAS General Semi Volatiles  RUZ GLAS General Semi (Air)  PEM (Asbestos)  PIM (Asbestos)				
1297097/10/07 S X North West 5.0' BPB	1 X					
710   S XNorth East 5.0' BPB	1 X					
711 S X South vest 5.0' BPB	X     X					
712 S X South East 10.0' BPB	X					
713 SXCenter 2.0' BPB	X					
714   S North 2.0' BPB						
715 V 5 X South 5.0' BPB	) X					
RELINQUISHED BY: (Signature) Date: 7/(2 / 0*7 RECEIVED BY: (Signature)	) Date:	SAME(ISD BY: (Print & Sign) Date: 711107				
RELINQUISHED BY: (Signature)  RELINQUISHED BY: (Signature)  RELINQUISHED BY: (Signature)	Time:	SAMPLE SHIPPED BY: (Circle)				
Time:	7ime:	FEDEX BUS AIRBILL # UPS OTHER:				
RECEIVING LABORATORY: TOLC RECEIVED BY: (Signature)	Alme:	HIGHLANDER CONTACT PERSON: Results by:				
ADDRESS: GITY: Mid   Uno   STATE: TX ZIP: DATE: 1.12.07	THE: 10 1500	Gary M, 11er Authorised: No				
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Please Fill out all copies - Laboratory retains yellow copy - Raturn original copy to H	ighlander Enviromental Corp F	roject Manager retains pink copy - Accounting receives Gold copy.				