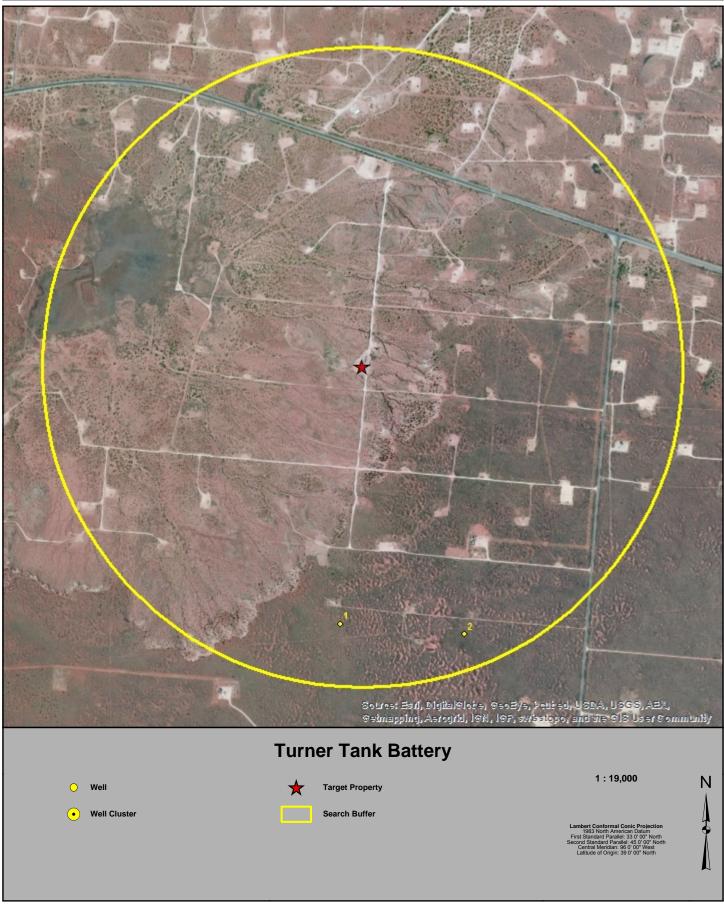
### **Current Imagery Overlay Map - 1 Mile Radius**





### Water Well Details Turner Tank Battery



Map ID	Source ID	Dataset	Owner of Well	Type of Well	Depth Drilled	Completion Date	Longitude	Latitude	Elevation	Driller's Logs
1	250761	NM WW	NEW MEXICO STATE LAND OFFICE	EXPLORAT ORY	55	1/22/2010	-103.896666	32.796389	3724 ft (+69)	N/A
2	250760	NM WW	NEW MEXICO STATE LAND OFFICE	EXPLORAT ORY	60	1/22/2010	-103.89	32.796389	3720 ft (+65)	N/A

### Well Summary

Water Well Dataset	# of Wells
NM WW	2
Total Count	2

### Dataset Descriptions and Sources Turner Tank Battery



Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
NM WW - New Mexico Water Wells	New Mexico Office of the State Engineer	This dataset contains all groundwater records compiled by New Mexico Office of the State Engineer (OSE) WATERS database. The WATERS database contains water rights applications and changes. The OSE is in the process of digitizing all records and not all we	Quarterly	09/01/2013	09/13/2013	09/30/2013	04/01/2013
NM WW HIST - New Mexico Historical Water Wells	New Mexico Office of the State Engineer	This dataset contains all groundwater records found at the New Mexico Office of the State Engineer Water Rights Division district office. Groundwater rights are administered and filed at the district level: Albuquerque (District I), Roswell (District II),		N/A	N/A	N/A	N/A
WW USGS - USGS Water Wells	U.S. Geological Survey	This dataset contains groundwater well records from the U.S. Geological Survey.	Quarterly	07/08/2013	07/08/2013	07/08/2013	07/08/2013

### Disclaimer Turner Tank Battery



The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

### NMOSE DOCUMENTATION

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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed) POD	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)	e 1=NW 2 irters are s	ers are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)	W 4=SE) b largest)	(NAC	(NAD83 UTM in meters)	ers)		(in feet)		
POD Number RA 11590 POD4	Sub-         q q q         G           Code basin County Source         6416 4         Sec Tws Rng           ED         4 1 1         32 17S 31E	nty Source 6	q q q 6416 4 Se 4 1 1 32	<b>q q q</b> 6416 4 Sec Tws Rng 4 1 1 32 17S 31E		<b>X</b> 603308	Υ 3629253	Distance Start Date 1291 01/21/2010	Log File Finish Date Date 01/22/2010 04/23/2010	Depth Depth Well Water 55	epth Depth Well Water Driller 55	License Number 225
RA 11590 POD3	ED		31232	3 1 2 32 17S 31E		603932	3629260	1435 01/22/2010	1435 01/22/2010 01/22/2010 04/23/2010	60		225
RA 11590 POD1	ED		21332	2 1 3 32 17S 31E		603315	3628545	1999 01/20/2010	1999 01/20/2010 01/26/2010 04/23/2010	158		225
Record Count: 3												

### UTMNAD83 Radius Search (in meters):

Easting (X): 603290.18

Northing (Y): 3630544.7

Radius: 5000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data. 9/25/13 1:06 PM WELLS WITH WELL LOG INFORMATION Page 1 of 1

WELLS WITH WELL LOG INFORMATION



### New Mexico Office of the State Engineer **Point of Diversion Summary**

							NE 3=	SW 4=SE lest)		M in meters)
PC	OD Number		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RA	A 11590 POD4		4	1	1	32	17S	31E	603308	3629253 🌍
Driller License: Driller Name:	RODGERS & CC	)., IN(	C.							
Drill Start Date:	01/21/2010	Dri	l Fini	sh D	ate:		01/2	2/2010	Plug	Date:
Log File Date:	04/23/2010	PC	W Rev	v Dat	te:				Sour	ce:
Pump Type:		Pip	e Dis	char	ge S	Size:			Estin	nated Yield:
Casing Size:		Dep	oth W	ell:			55 f	eet	Dept	h Water:

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



### New Mexico Office of the State Engineer **Point of Diversion Summary**

		(q	uarters a	are 1=	NW 2=	NE 3=	SW 4=SE	)		
		(0	quarters	are si	nalles	to larg	gest)	(NAD83 UT	M in meters)	
PC	OD Number	Q	64 Q16	6 Q4	Sec	Tws	Rng	Х	Y	
R/	A 11590 POD3		3 1	2	32	17S	31E	603932	3629260 🌍	
Driller License:	RODGERS & CO	)., INC.								
Driller Name:										
Drill Start Date:	01/22/2010	Drill F	inish [	Date		01/2	2/2010	Plug	Date:	
Log File Date:	04/23/2010	PCW F	Rov Da	ate:				Sour	ce:	
Pump Type:		Pipe D	ischa	rge S	Size:			Estin	nated Yield:	
Casing Size:		Depth	Well:			60 f	eet	Dept	h Water:	

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



### New Mexico Office of the State Engineer Point of Diversion Summary

		(quar	ters are	e 1=NW	2=NE 3=	SW 4=SE	.)		
		(qua	rters ar	re small	est to lar	gest)	(NAD83 UT	TM in meters)	
PC	DD Number	Q64	Q16 (	Q4 Se	c Tws	Rng	Х	Y	
R/	A 11590 POD1	2	1	3 32	2 17S	31E	603315	3628545 🌍	
Driller License:	RODGERS & CO	D., INC.							
Driller Name:									
Drill Start Date:	01/20/2010	Drill Fini	sh Da	ate:	01/2	26/2010	Plug	Date:	
Log File Date:	04/23/2010	PCW Rc	v Date	e:			Sour	ce:	
Pump Type:		Pipe Dis	charg	je Size	:		Estir	mated Yield:	
Casing Size:		Depth W	ell:		158	feet	Dept	h Water:	
							Contraction in the second second second		

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



## PO04



## Pob 3



## PoD 1

### APPENDIX 4 LABORATORY ANALYTICAL RESULTS



June 02, 2014

BRIAN WEAVER SKA CONSULTING 1515 WITTE RD HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/02/14 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/02/2014	Sampling Date:	06/01/2014
Reported:	06/02/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW1 (H401676-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/02/2014	ND	464	116	400	10.9	

### Sample ID: AOC #1 SW2 (H401676-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/02/2014	ND	464	116	400	10.9	

### Sample ID: AOC #1 SW3 (H401676-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/02/2014	ND	464	116	400	10.9	

### Sample ID: AOC #1 SW4 (H401676-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/02/2014	ND	464	116	400	10.9	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/02/2014	Sampling Date:	06/01/2014
Reported:	06/02/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW5 (H401676-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/02/2014	ND	464	116	400	10.9	

### Sample ID: AOC #1 SW6 (H401676-06)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	06/02/2014	ND	464	116	400	10.9	

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

- ND
   Analyte NOT DETECTED at or above the reporting limit

   RPD
   Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Relinquished By: amiliates or successors arising Relinquished By: Project Name: TURNEL Project #: 12009 -0005 City: Project Manager: allall044 Sampler Name: Project Location: Company Name: Samplet - UPS - Bus - Other: analyses. All claims including those for negliger service. In no event shall Cardinal be liable for i PLEASE NOTE: Liability and Dan Phone #: Address: Delivered By: (Circle One) FOR LAB USE ONLY Lab I.D. Heuster WN 0 S ÷ 5:51 Auc # ( AOC #1 Acc #1 Arac 7/1 101 East Marland, Hobbs, NM 88240 Acc #1 (575) 393-2326 FAX (575) 393-2476 40c #1 SKA BriAN WEAVER wite a Cott Cardinal's liability and client's exclusive Sample I.D. nce and any other cause what CONSULTING Serl Swz Swy Sw3 3 Swe Sms Drewry Pel. Fax #: Project Owner: Time Time: Date: Date: (2/14 South State: ver shall be dee オ Zip: TANK Received By: 120 **Regeived By:** (G)RAB OR (C)OMP # CONTAINERS 5 17080 GROUNDWATER Sample Condition Cool Intact Yes Yes No No No WASTEWATER 3 Attory State: made in writing and received by Cardinal within 30 days after completion of the applicable • MATRIX SOIL \* OIL SLUDGE tract or tort, shall be limited ns, loss of use, or loss of profits City: P.O. #: OTHER Attn: Fax #: Phone #: Address: Company: NONE ACID/BASE PRESERV. CHECKED BY: ICE / COOL OTHER BILL TO SANNE Zip: to the : 61114 DATE SAMPLING 6 ed by client, its subsidiaries t paid by the client for the Fax Result: REMARKS: Phone Result: 1420 1540 1942 ShS 1415 (417 TIME Emple RESULTS : x CI x × 24 hr □ Yes Ves BriAn, Weaver d Scott. Drewry ( scacesulting .com TAT Add'I Fax #: ANALYSIS REQUEST Add'l Phone #:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-294

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Rush ZY hr

Laboratories



June 03, 2014

BRIAN WEAVER SKA CONSULTING 1515 WITTE RD HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/03/14 8:17.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/03/2014	Sampling Date:	06/02/2014
Reported:	06/03/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW7 (H401683-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/03/2014	ND	416	104	400	3.92	

### Sample ID: AOC #1 SW8 (H401683-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	06/03/2014	ND	416	104	400	3.92	

### Sample ID: AOC #1 SW9 (H401683-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	06/03/2014	ND	416	104	400	3.92	

### Sample ID: AOC #1 SW10 (H401683-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/03/2014	ND	416	104	400	3.92	

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

- ND
   Analyte NOT DETECTED at or above the reporting limit

   RPD
   Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

101 East Maria	101 East Mariand, Hobbs, NW 00240			
Company Name: (VA	Canso (fing	BILL TO	ANALYSIS REC	REQUEST
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5		Company:		
Hausten	State: 1× Zip: 77080	Attn:		
e #	Fax #:	Address: ) A m		
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n		Phone #:		-
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive rem analyses. All claims including those for negligence and any other cause whatsoever service. In no event shall Cardinal be liable for incidental or consequential damages.	PIEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any client areany averue uses in rounaux. Universe or an averue that completion of the applicable analyses. All dams including those for negligance and any other cause whatspectvere shall be demed waived unless made in writing and received by Cardinal bus incurred by client, its subsidiaries, service. In no event hall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event hall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service.	used for any claim arang when e uses un conversion on the second second within 30 days after completion of the a shall be deemed where and the second of beaution of the second second second second second second second second including whole limitation, business interruptions, loss of use, or loss of profix incurred to yothert, its subdiares	competition of the applicable int, its subsidiarities, ons or otherwise.	
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† Cardinal cannot accept	t verbal changes. Please fax written changes	to (575) 393-2316 #54		
† Cardinal cannot accept	rerbal changes. Please fax written changes	to (575) 393-2324 #54		

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Kustí

101 East Marland, Hobbs, NM 88240

Laboratories



June 04, 2014

BRIAN WEAVER SKA CONSULTING 1515 WITTE RD HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/04/14 8:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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>.

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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. Keine

Celey D. Keene Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/04/2014	Sampling Date:	06/03/2014
Reported:	06/04/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW 6B (H401698-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/04/2014	ND	416	104	400	3.77	

### Sample ID: AOC #1 SW 8B (H401698-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/04/2014	ND	416	104	400	3.77	

### Sample ID: AOC #1 SW 15 (H401698-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	06/04/2014	ND	416	104	400	3.77	

### Sample ID: AOC #1 SW 16 (H401698-04)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/04/2014	ND	416	104	400	3.77	

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/04/2014	Sampling Date:	06/03/2014
Reported:	06/04/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW 17 (H401698-05)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/04/2014	ND	416	104	400	3.77	

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

- ND
   Analyte NOT DETECTED at or above the reporting limit

   RPD
   Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Laboratories

Keszy

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

ANALYSIS		n CHECKED BY:	Time: 2.42 Cool Intact Cool Intact Cool Intact No No	Delivered By: (Circle One) Sampleb- UPS - Bus - Other:
SKR     C-n-v-H1/ms     BILL TO     AMALYSIS       15     W-rith     Lot.     Company:     Company:     Company:       204-0005     Project Owner:     City:     Address:     City:     City:       204-0005     Project Owner:     City:     Address:     City:     City:       204-0005     Project Owner:     City:     State:     Zit:     City:       204-0005     Project Owner:     City:     State:     Zit:     City:       204-0005     Project Owner:     City:     State:     Zit:     Prove:       204-0005     Prove:     R.Affwrq     State:     Zit:     Prove:     Fax #:       204-0005     Sample I.D.     Oil Done #:     Prove:     Fax #:     Fax #:     Fax #:       204-0015     Scheft I     Scheft I     Scheft I     Prove:     Fax #:     City:       204-0015     Sample I.D.     Oil DOR     Prove:     Fax #:     City:     Fax #:       204-0016     Scheft I     Scheft I     Scheft I     Scheft I     Scheft I     City:       204-016     Scheft I     Scheft I     Scheft I     Scheft I     Scheft I     City:       204-016     Scheft I     Scheft I     Scheft I     Scheft I	24 hr T	REM	20	Relinquished By: Relinquished By:
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	ANALYSIS REQUEST	BILL TO	- sulfing	Company Name: SKA C.

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 39322326



June 05, 2014

BRIAN WEAVER SKA CONSULTING 1515 WITTE RD

HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/05/14 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/05/2014	Sampling Date:	06/04/2014
Reported:	06/05/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW 11 (H401711-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/05/2014	ND	400	100	400	0.00	

### Sample ID: AOC #1 SW 12 (H401711-02)

Chloride, SM4500Cl-B	mg	′kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/05/2014	ND	400	100	400	0.00	

### Sample ID: AOC #1 SW 13 (H401711-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/05/2014	ND	400	100	400	0.00	

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

- ND
   Analyte NOT DETECTED at or above the reporting limit

   RPD
   Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

	BILL TO	ANALYSIS REQUEST
Project Manager: Rian WEAVER	P.O. #:	
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† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-226	fax written changes to (575) 393-2326	

Laboratories

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



June 06, 2014

BRIAN WEAVER SKA CONSULTING 1515 WITTE RD

HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/05/14 17:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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,

Whe Sigh

Mike Snyder Organic Supervisor



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/05/2014	Sampling Date:	06/05/2014
Reported:	06/06/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW 111 (H401725-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	366	16.0	06/06/2014	ND	416	104	400	3.92	

### Sample ID: AOC #1 SW 121 (H401725-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/06/2014	ND	416	104	400	3.92	

### Sample ID: AOC #1 SW 14 (H401725-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	06/06/2014	ND	416	104	400	3.92	

### Cardinal Laboratories

### \*=Accredited Analyte

whe Sigh

Mike Snyder, Organic Supervisor



### **Notes and Definitions**

- ND
   Analyte NOT DETECTED at or above the reporting limit

   RPD
   Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

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Mike Snyder, Organic Supervisor

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-4326



June 09, 2014

BRIAN WEAVER SKA CONSULTING 1515 WITTE RD

HOUSTON, TX 77080

RE: TURNER B SOUTH TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/09/14 8:00.

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

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Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/09/2014	Sampling Date:	06/06/2014
Reported:	06/09/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #1 SW 14 B (H401739-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 B 1 (H401739-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 B 2 (H401739-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 SW 1 (H401739-04)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2014	ND	416	104	400	0.00	

### **Cardinal Laboratories**

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/09/2014	Sampling Date:	06/08/2014
Reported:	06/09/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #2 SW 2 (H401739-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 SW 3 (H401739-06)

Chloride, SM4500Cl-B	Analyze	d By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 SW 5 (H401739-07)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 SW 6 (H401739-08)

Chloride, SM4500Cl-B	mg,	/kg	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 B11 (H401739-09)

Chloride, SM4500Cl-B	mg	′kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	06/09/2014	ND	416	104	400	0.00	

### Cardinal Laboratories

\*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



SKA CONSULTING BRIAN WEAVER 1515 WITTE RD HOUSTON TX, 77080 Fax To: (713) 266-0996

Received:	06/09/2014	Sampling Date:	06/08/2014
Reported:	06/09/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

### Sample ID: AOC #2 SW 12 (H401739-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 SW 13 (H401739-11)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/09/2014	ND	416	104	400	0.00	

### Sample ID: AOC #2 SW 14 (H401739-12)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	06/09/2014	ND	416	104	400	0.00	

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

- ND
   Analyte NOT DETECTED at or above the reporting limit

   RPD
   Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager