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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Laboratories

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Briar Wo		
Address: 1515 W.A. Rd.	Company:	
city: Harsten State: Tx Zip:	77080 Attn:	0
e #:	Address: Apm2	
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unlar Nama: Cont Deduce	Fax #:	
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FOR LAB USE ONLY	2	
Lab I.D. Sample I.D.	S)RAB OR (C)ON CONTAINERS ROUNDWATER (ASTEWATER OIL IL LUDGE DTHER : CCID/BASE: CE / COOL DTHER : DTHER :	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal white analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal white the share and the share and the share of the share and t	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the annount paid by the client for the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal which of Japa Sate analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal which of Japa Sate analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received use, or loss of ports incurred by client, its subsidiaries, including whould instain the base in the analysis.	
ariliares or successors arising out of or related to the performance of services hereunder by Card Relinquished By: Parte of the performance of services hereunder by Card		Yes I No Add'I Phone #: Yes No Add'I Fax #:
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

Kuch



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.

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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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:	06/09/2014	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	500Cl-B mg/kg Analyzed 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		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	de, SM4500Cl-B mg/kg		Analyze	Analyzed 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	Analyze	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	

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, SM4500CI-B	mg	/kg	Analyzed 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	Analyze	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 SW 6 (H401739-08)

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	06/09/2014	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	d 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	Analyze	d 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

	BILL TO	ANALYSIS REQUEST
1 MA ANTA	P.O. #:	
C (0:4.	Company:	
Hersten	: 77 080 Attn:	
le#: Fax #:		
12009-0005	city: >'	
ame: Turner B. Swith TAnk	Brithery State: Zip:	
on:	Phone #:	
Sampler Name: Sc-TT Diewy	Ι.	
	MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	CONTAIN ROUNDW (ASTEWA OIL IL LUDGE THER : CID/BASE CE / COOI DTHER :	
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Laboratories

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Briar Wo		
Address: 1515 W.A. Rd.	Company:	
city: Harsten State: Tx Zip:	77080 Attn:	0
e #:	Address: Apm2	
Project #: / 200 & - 000 Project Owner:	city: SICT	
Project Name: Torred & South TANK	h Rattery State: Zip:	
on:	Phone #:	
unlar Nama: Cont Deduce	Fax #:	
Sampler Name: Jear / grammy	MATRIX PRESERV. SAMPLING	
FOR LAB USE ONLY	2	
Lab I.D. Sample I.D.	S)RAB OR (C)ON CONTAINERS ROUNDWATER (ASTEWATER OIL IL LUDGE DTHER : CCID/BASE: CE / COOL DTHER : DTHER :	
Adr. # 2 BII	- X	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal white analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal white the share and the share and the share of the share and t	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the annount paid by the client for the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal which of Japa Sate analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received by Cardinal which of Japa Sate analyses. All claims including those for negligence and any other cause whatsoever shall be deemed whether unless made in writing and received use, or loss of ports incurred by client, its subsidiaries, including whould instain the base in the analysis.	
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

Kuch



June 10, 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 06/10/14 9:21.

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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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:	06/10/2014	Sampling Date:	06/10/2014
Reported:	06/10/2014	Sampling Type:	Soil
Project Name:	TURNER B SOUTH TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	12009-0005	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: AOC #2 SW 2 B (H401751-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	06/10/2014	ND	400	100	400	7.69	

Sample ID: AOC #2 B 11 B (H401751-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	06/10/2014	ND	400	100	400	7.69	

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

PLASE NOTE: Liability and Damages, analyses, All claims including those for service. In no event shall Caudinal the lia affiliates or successors arising out of or Relinquished By: Delivered By: (Circ Sampligr - UPS - Bus † Cardinal cannot	Lab I.D.	101 (578 Company Name: Project Manager: Address: (515 City: Houston: Project #: (2005) Project Name: To Sampler Name:
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torte of the applicable rate: result: <u>Yes No Add'l Phone #:</u> Result: <u>Yes No Add'l Phone #:</u> Result: <u>Yes No Add'l Fax #:</u> WS: 24 hr tAT En: [rec. Its : Scott. drewry Q shaces the brian menon [''		ANALYSIS REQUEST

51

Page 4 of 4



June 11, 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 06/11/14 8:05.

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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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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:	06/11/2014	Sampling Date:	06/10/2014
Reported:	06/11/2014	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: AOL #2 SW 2 C (H401770-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/11/2014	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

Delivered By: (Circle One) Sampler - UPS - Bus - Other: † Cardinal cannot accept v	Relinquished By:	PLEASE NOTE: Liability and analyses. All claims including ' service. In no event shall Caro affiliates or successors arising			-	HUNTE	Lab I.D.	FOR LAB USE ONLY	Project Location:		Project #: 120	le #:		Address: 1515	Project Manager:	Company Name: SICA	(57
(Circle One) - Bus - Other: :annot accept verba		LEASE NOTE: Liability and Damages. Cardinal's liability and c nalyses. All claims including those for negligence and any othe envice. In no event shall Cardinal be liable for incidental or cons filiates or successors arising out of or related to the performant			Aor # 2 5		Sample I.D.			TUNER &	12007-0005			w.tte	2	SICA Consu	(575) 393-2326 FAX (575) 393-2476
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Sample Condition Cool Intact Yes PYes No No No ax written changes to (575	C_	emedy for any claim arising whether based in contract er shall be deemed valved unless made in writing and s, including without innitation, business interruptions, eurder by Cardinal, regardless of whether such claim eurder by Cardinal, regardless of whether such claim			-	GRO WAS	NTAINERS UNDWATER TEWATER	MATRIX		15 Altery	· /		03066				
Ivered By: (Circle One) CheckED BY: Cool Intact CheckED BY: Ipler UPS - Bus - Other: 2.6% Cool Intact (Initials) + Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 1 No No	2	PEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be liable for incidental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service is a subsidiaries, and to consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereuride by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Phone Result:			X 6(10/14	ICE /)/BASE: COOL	PRESERV. SAMPLING	Fax #:	State: LIP:	~	ess: An	Attn:	Company:	P.O. #:	BILL TO	
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories



May 29, 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 05/28/14 16:30.

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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:	05/28/2014	Sampling Date:	05/28/2014
Reported:	05/29/2014	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 #3 B1 (H401635-01)

TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	<10.0	10.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	90.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	94.2	63.6-15	4						

Sample ID: AOC #3 B2 (H401635-02)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	130	50.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	77.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	93.7	% 63.6-15	4						

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:	05/28/2014	Sampling Date:	05/28/2014
Reported:	05/29/2014	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 #3 SW1 (H401635-03)

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	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	<10.0	10.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	98.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	102	% 63.6-15	4						

Sample ID: AOC #3 SW2 (H401635-04)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	<10.0	10.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	93.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.9	% 63.6-15	4						

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:	05/28/2014	Sampling Date:	05/28/2014
Reported:	05/29/2014	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 #3 SW3 (H401635-05)

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	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	<10.0	10.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	94.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.3	% 63.6-15	4						

Sample ID: AOC #3 SW4 (H401635-06)

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	<50.0	50.0	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	70.1	50.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	94.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	110	% 63.6-15	4						

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:	05/28/2014	Sampling Date:	05/28/2014
Reported:	05/29/2014	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 #3 SW5 (H401635-07)

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	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	<10.0	10.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	90.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	<i>93.7</i>	% 63.6-15	4						

Sample ID: AOC #3 SW6 (H401635-08)

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	05/29/2014	ND	190	94.9	200	1.85	
DRO >C10-C28	<10.0	10.0	05/29/2014	ND	199	99.3	200	0.141	
Surrogate: 1-Chlorooctane	95.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.0	% 63.6-15	4						

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*=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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	0101 000-2020 1	2	0						
Company Mame.	SKA Cor	Consulting (し、ア・	BILL TO			ANALYSIS R	REQUEST	
Project Manager:	BriAN	WEAVER		P.O. #:					_
Address: 1515	s with	RJ.		Company:					
City: Hausten	CN	State: 十	Zip: キチのをの	Attn:			-		
Phone #: 7/3-	713-266-6056	Fax #:		Address:					
Project #: ノス。	12007-0005	Project Owner:	1	City:					
Project Name:	TURNEL B	Scuth	TANK Rothing	State: Zip:					
Project Location:				Phone #:					
Sampler Name:	Scott DRa	PRAVRY		Fax #:					
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	ING				
		, , ,	NERS VATER		,				
Lab I.D. { 401635	Sample I.D.	e I.D.	(G)RAB OR # CONTAINE GROUNDW/ WASTEWAT SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME TPH				
1	AOC #3	31	×	NINE 5	-				
2	A0 + 3	82			× 4561				
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PLEASE NOTE: Liability and Damages. Cardinats liability analyses. All claims including those for negligence and an service. In no event shall Cardinal be liable for incidental o affiliales or successors arising out of or related to the perio affiliales of successors arising out of or related to the perio	Jamages, Cardinal's liability an hose for negligence and any of inal be liable for incidental or co but of or related to the perform:	Id client's exclusive remedy for any of ther cause whatsoever shall be deel onsequental damages, including with ance of services hereunder by Cardi	Iaim arising whether based in contract med waived unless made in writing an hout limitation, business interruptions, hout limitations of whether such claim	t or tort, shall be limited to the amount paid by the client for i d received by Cardinal within 30 days after completion of the loss of use, or loss of profils incurred by client, its subsidiari is based upon any of the above stated reasons or otherwise.	id by the client for the er completion of the applic client, its subsidiaries, asons or otherwise	able	24 4	TAT !	
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				1					

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 395-3326

Page 7 of 7



May 30, 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 05/29/14 15:40.

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 www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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:	05/29/2014	Sampling Date:	05/29/2014
Reported:	05/30/2014	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: BACKFILL 1 (H401653-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2014	ND	2.17	109	2.00	0.311	
Toluene*	<0.050	0.050	05/30/2014	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	05/30/2014	ND	2.07	104	2.00	0.568	
Total Xylenes*	<0.150	0.150	05/30/2014	ND	6.48	108	6.00	0.666	
Total BTEX	<0.300	0.300	05/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 89.4-12	6						
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	05/30/2014	ND	416	104	400	3.92	
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	05/30/2014	ND	198	99.2	200	0.0992	
DRO >C10-C28	<10.0	10.0	05/30/2014	ND	213	106	200	0.379	
Surrogate: 1-Chlorooctane	89.8 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	94.1 %	63.6-15	4						

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:	05/29/2014	Sampling Date:	05/29/2014
Reported:	05/30/2014	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: BACKFILL 2 (H401653-02)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/30/2014	ND	2.17	109	2.00	0.311	
Toluene*	<0.050	0.050	05/30/2014	ND	2.16	108	2.00	1.14	
Ethylbenzene*	<0.050	0.050	05/30/2014	ND	2.07	104	2.00	0.568	
Total Xylenes*	<0.150	0.150	05/30/2014	ND	6.48	108	6.00	0.666	
Total BTEX	<0.300	0.300	05/30/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/30/2014	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/30/2014	ND	198	99.2	200	0.0992	
DRO >C10-C28	<10.0	10.0	05/30/2014	ND	213	106	200	0.379	
Surrogate: 1-Chlorooctane	94.4	65.2-14	0						
Surrogate: 1-Chlorooctadecane	95.9	63.6-15	4						

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

Project Manager: Company Name: Project Name: Project #: 12009-0005 Phone #: city: Heusten HHO11633 Project Location: Address: Sampler Name: affiliates or successors arising out of or rel Relinquished By: Relinquished By: analyses. All claims including those for neg service. In no event shall Cardinal be liable FOR LAB USE ONLY Sampler - UPS - Bus - Other: Lab I.D. LEASE NOTE: Liability and Delivered By: (Circle One) Sat D 1515 Witte TURNER 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Scott Backfill BriAN Bachfill KA Sample I.D. Drewn WENJER 3 P N South Fax #: Project Owner: State: TK Date: Time: TANK 1.20 Zip: (G)RAB OR (C)OMP Received By: A R Received By # CONTAINERS N 08044 Saffory GROUNDWATER Sample Condition Cool Intact Yes Yes No No No WASTEWATER MATRIX made in writing and SOIL 5 OIL SLUDGE is, loss of use, or loss of profits incurred by client, its subsidiaries, act of tort, sinds P.O. #: State: City: Attn: Address: Company: Phone #: OTHER Fax #: ACID/BASE PRESERV NONE ed by Cardinal within 30 days after con CHECKED BY: ICE / COOL 4 BILL TO OTHER RWE Zip: 5/29/4 1429 DATE SAMPLING 5 Phone Result: Fax Result: REMARKS: TIME by the client for the 1430 letion of the applicable EMAPI BTEX XX TPH CL □ Yes results h: X 24 brian . weaver a Scott. drewy @ satcasulting. com × I I No hr ANALYSIS REQUEST Add'l Phone #: Add'l Fax #: TAT "

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2426

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

Rus H 24 hr TAT!

APPENDIX 5 PHOTOGRAPHS



Photo No. 1: View to the north of soil excavation activities on the previously excavated western limits of AOC No. 1.



Photo No. 2: View to the south of soil excavation activities on the previously excavated western limits of AOC No. 1 at a total depth of 8 ft-bgs.



Photo No. 3: View to the east of soil excavation activities for AOC No. 1 continuing east at a depth of 4 ft-bgs.



Photo No. 4: View to the west of over-excavation activities associated with confirmation sample SW-6 (right) of the soil excavation for AOC No. 1.



Photo No. 5: View to the north of over-excavation activities associated with confirmation sample SW-8 (left) of the soil excavation for AOC No. 1.



Photo No. 6: View to the west of excavation activities along the access road of AOC No. 1 where SWCA personnel identify archeological features at approximately 1.5 ft-bgs.



Photo No. 7: View to the north of the soil excavation activities on the eastern limits of AOC No. 1 at a depth of 4 ft-bgs.



Photo No. 8: View to the north of the installed 20-mil high density polyethylene liner placed on along the western limits of AOC No. 1 at the 4-foot level of the excavation and a total depth of 8 ft-bgs.



Photo No. 9: View to the south of backfilling operations on the western limits AOC No. 1.



Photo No. 10: View to the west of backfilling operations along the access road of AOC No. 1, which would be surface completed with a caliche road-base.



Photo No. 11: View to the east of backfilling operations on the eastern limits of AOC No. 1.



Photo No. 12: View to the west of the surface completion of the eastern limits of AOc No. 1.



Photo No. 13: View to the west of the surface completion of the western limits of AOC No. 1.



Photo No. 14: View to the east of final stages of surface completion where Blade Services, LLC watered the reseeding mixture according to BLM standards.



Photo No. 15: View to the north of soil excavation activities for AOC No. 2 at a depth of 2 ft-bgs.



Photo No. 16: View to the south of the final limits of the AOC No. 2 soil excavation.



Photo No. 17: View to the south of backfilling operations for AOC No. 2.



Photo No. 18: View to the south of the surface completion for the northernmost portion of AOC No. 2 along the access road.



Photo No. 19: View to the north of the surface completion for AOC No. 2 along the access road.



Photo No. 20: View to the north of soil excavation activities for AOC No. 3.