

June 26, 2015

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TRONIXES (WTL)

Enclosed are the results of analyses for samples received by the laboratory on 06/23/15 14:25.

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 accredited 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,



Caley D. Keene

Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	06/23/2015	Sampling Date:	06/22/2015
Reported:	06/26/2015	Sampling Type:	Soil
Project Name:	TRONIXES (WTL)	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA		

Sample ID: S-1, 0' (H501630-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	23600	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-1, 1' (H501630-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8400	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-1, 2' (H501630-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4320	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-1, 3' (H501630-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	06/25/2015	ND	416	104	400	0.00		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 06/23/2015
 Reported: 06/26/2015
 Project Name: TRONIXES (WTL)
 Project Number: NOT GIVEN
 Project Location: LEA

 Sampling Date: 06/22/2015
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S-2, 0' (H501630-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10100	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-2, 1' (H501630-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9100	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-2, 2' (H501630-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7900	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-2, 3' (H501630-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-3, 0' (H501630-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16400	16.0	06/25/2015	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

 Received: 06/23/2015
 Reported: 06/26/2015
 Project Name: TRONIXES (WTL)
 Project Number: NOT GIVEN
 Project Location: LEA

 Sampling Date: 06/22/2015
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S-3, 1' (H501630-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9100	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-3, 2' (H501630-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7300	16.0	06/25/2015	ND	416	104	400	0.00		

Sample ID: S-3, 3' (H501630-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	06/25/2015	ND	400	100	400	0.00		

Sample ID: S-4, 0' (H501630-13)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10200	16.0	06/25/2015	ND	400	100	400	0.00		

Sample ID: S-4, 1' (H501630-14)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8300	16.0	06/25/2015	ND	400	100	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 TALON LPE
 KIMBERLY WILSON
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	06/23/2015	Sampling Date:	06/22/2015
Reported:	06/26/2015	Sampling Type:	Soil
Project Name:	TRONIXES (WTL)	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA		

Sample ID: S-4, 2' (H501630-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9100	16.0	06/25/2015	ND	400	100	400	0.00		

Sample ID: S-4, 3' (H501630-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7300	16.0	06/25/2015	ND	400	100	400	0.00		

Sample ID: S4, 3.5'(R) (H501630-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11800	16.0	06/25/2015	ND	400	100	400	0.00		

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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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Talon/LPE
 Project Manager: P.O. #:
 Address: 408 W. Texas Ave. Company: Talon/LPE
 City: Artesia State: NM zip: 88210
 Phone #: 575-746-8768 Fax #: 575-746-8905 Attn:
 Project #: Project Owner: Regina Ball
 Project Name: Tranixes (UTC) City:
 Project Location: Lea State: Zip:
 Sampler Name: K. L. Wilson Phone #:
 FOR LAB USE ONLY Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.			
H501630	S-1.0-	X									6:22:15		Total Chlorides
	S-1.1-	X											
	S-1.1.2-	X											
	S-1.1.3-	Y											
	S-2.1.0	X											
	S-2.1.1-	X											
	S-2.1.2-	X											
	S-2.1.3-	Y											
	S-3.1.0-	X											
	S-3.1.1-	X											
	S-3.1.2-	X											
	S-3.1.3-	X											
	S-3.1.4-	X											

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Relinquished By: *Kimberly Wilson* Date: _____ Received By: _____
 Relinquished By: _____ Date: _____ Received By: _____
 Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One) _____ Date: 6/23/16 Received By: _____
 Sampler - UPS - Bus - Other: _____ Sample Condition: _____
 Checked By: _____
 Cool (refrigerated) Yes No Yes No

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #54

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: Talon/LPE Project Manager: Address: 408 W. Texas Ave. City: Atesia Phone #: 575-746-8768 Project #: Project Name: <i>Traxys (276)</i> Project Location: <i>Len K. Wilson</i> Sampler Name: <i>K. Wilson</i> <small>FOR LAB USE ONLY</small>		State: NM zip: 88210 City: Address: State: City: Phone #: Zip: Fax #:		P.O. #: Company: Attn: Address: State: City: Phone #: Zip: Fax #:			
Lab I.D. <i>H501630</i>	Sample I.D. <i>11 S-3, 2-</i> <i>12 S-3, 3-</i> <i>13 S-4, 0-</i> <i>14 S-4, 1-</i> <i>15 S-4, 2-</i> <i>16 S-4, 3-</i> <i>17 S-4, 3.5 (R)</i>	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX			DATE TIME	ANALYSIS REQUEST
			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER: <i>Room Temp</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Relinquished By: <i>Timberly Wilson</i> Date: Time:		Received By: <i>Patricia Garcia</i> Date: Time:		Sample Condition COY: <input type="checkbox"/> Intact <input type="checkbox"/> No <input type="checkbox"/> Yes		CHECKED BY: <i>Patricia Garcia</i> Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Advt'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Advt'l Fax #:	
Relinquished By: <i>Timberly Wilson</i> Date: Time:		Received By: <i>Patricia Garcia</i> Date: Time:		Sample Condition COY: <input type="checkbox"/> Intact <input type="checkbox"/> No <input type="checkbox"/> Yes		CHECKED BY: <i>Patricia Garcia</i> Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Advt'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Advt'l Fax #:	
Delivered By: (Circle One) <input checked="" type="checkbox"/> <i>Patricia Garcia</i> <input type="checkbox"/> <i>Timberly Wilson</i>		Delivered By: (Circle One) <input checked="" type="checkbox"/> <i>Patricia Garcia</i> <input type="checkbox"/> <i>Timberly Wilson</i>		Delivered By: (Circle One) <input checked="" type="checkbox"/> <i>Patricia Garcia</i> <input type="checkbox"/> <i>Timberly Wilson</i>		Delivered By: (Circle One) <input checked="" type="checkbox"/> <i>Patricia Garcia</i> <input type="checkbox"/> <i>Timberly Wilson</i>	
Sampler - UP8 - Bus - Other: <input type="checkbox"/> UP8 <input type="checkbox"/> Bus <input type="checkbox"/> Other		Sampler - UP8 - Bus - Other: <input type="checkbox"/> UP8 <input type="checkbox"/> Bus <input type="checkbox"/> Other		Sampler - UP8 - Bus - Other: <input type="checkbox"/> UP8 <input type="checkbox"/> Bus <input type="checkbox"/> Other		Sampler - UP8 - Bus - Other: <input type="checkbox"/> UP8 <input type="checkbox"/> Bus <input type="checkbox"/> Other	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

July 14, 2016

MIKE STUBBLEFIELD

R T HICKS CONSULTANTS

901 RIO GRANDE BLVD SUITE F-142

ALBUQUERQUE, NM 87104

RE: TRIONYX WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/07/16 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

Received:	07/07/2016	Sampling Date:	07/07/2016
Reported:	07/14/2016	Sampling Type:	Soil
Project Name:	TRIONYX WATER TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UT O SEC. 6 T25S.R32E		

Sample ID: BH-5 0' (H601525-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-5 1' (H601525-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-5 2' (H601525-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3640	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-5 3' (H601525-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	07/08/2016	ND	400	100	400	3.92	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

Received:	07/07/2016	Sampling Date:	07/07/2016
Reported:	07/14/2016	Sampling Type:	Soil
Project Name:	TRIONYX WATER TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UT O SEC. 6 T25S.R32E		

Sample ID: BH-6 0' (H601525-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-6 1' (H601525-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-6 2' (H601525-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-6 3' (H601525-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-7 0' (H601525-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/08/2016	ND	400	100	400	3.92	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

Received:	07/07/2016	Sampling Date:	07/07/2016
Reported:	07/14/2016	Sampling Type:	Soil
Project Name:	TRIONYX WATER TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UT O SEC. 6 T25S.R32E		

Sample ID: BH-7 1' (H601525-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-7 2' (H601525-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-7 3' (H601525-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-8 0' (H601525-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-8 1' (H601525-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	07/08/2016	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

Received:	07/07/2016	Sampling Date:	07/07/2016
Reported:	07/14/2016	Sampling Type:	Soil
Project Name:	TRIONYX WATER TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UT O SEC. 6 T25S.R32E		

Sample ID: BH-8 2' (H601525-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	07/08/2016	ND	400	100	400	3.92	

Sample ID: BH-8 3' (H601525-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/08/2016	ND	400	100	400	3.92	

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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



Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

1-2

Company Name: R.T. HICK CONSULTANTS Project Manager: MIKE STUBBLEFIELD Address: 2411 S. 13th Street City: Atesia State: NM Zip: 88210 Phone #: 505-365-5834 Fax #: Project #: Project Name: Triangyx Water Transfer Line Project Location: LT O Sec. 8 T25S R32E Sampler Name: Mike Stubblefield <small>FOR LAB USE ONLY</small>		P.O. #: Company: Raging Bull Attn: Fernando Ibarra Address: 2009 Algeatas City: Calsbad State: NM Zip: 88229 Phone #: 817-262-3535 Fax #:	
Lab I.D. H101573		Sample I.D.	
1 BH-5 0' 2 BH-5 1' 3 BH-5 2' 4 BH-5 3' 5 BH-6 0' 6 BH-6 1' 7 BH-6 2' 8 BH-6 3' 9 BH-7 0' 10 BH-7 1'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
		DATE TIME	
		9/2/16 9:31A 9/2/16 9:45A 9/2/16 9:54A 9/2/16 10:08A 9/2/16 11:02A 9/2/16 11:35A 9/2/16 12:43A 9/2/16 12:23A 9/2/16 12:28A	
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Relinquished By: Mike Stubblefield Date: 9/2/16 Time: 9:00 Received By: Matti Jensen Date: 9/2/16 Time:		ANALYSIS REQUEST	
Delivered By: (Circle One) UPS - Bus <input checked="" type="radio"/> Other <input type="radio"/>		CHECKED BY:	
Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
39.12		Add'l Phone #: Add'l Fax #:	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

November 10, 2016

MIKE STUBBLEFIELD

R T HICKS CONSULTANTS

901 RIO GRANDE BLVD SUITE F-142

ALBUQUERQUE, NM 87104

RE: TRIONYX 6 FED. #5H

Enclosed are the results of analyses for samples received by the laboratory on 11/04/16 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

Received:	11/04/2016	Sampling Date:	11/03/2016
Reported:	11/10/2016	Sampling Type:	Soil
Project Name:	TRIONYX 6 FED. #5H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	32.15321-103.71358		

Sample ID: BH-9 1-2' (H602504-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-9 4' (H602504-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-9 6' (H602504-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-9 7' (H602504-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/08/2016	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

 Received: 11/04/2016
 Reported: 11/10/2016
 Project Name: TRIONYX 6 FED. #5H
 Project Number: NONE GIVEN
 Project Location: 32.15321-103.71358

 Sampling Date: 11/03/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: BH-10 1-2' (H602504-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-10 4' (H602504-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-10 6' (H602504-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	104	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-10 8' (H602504-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-11 1-2' (H602504-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	11/08/2016	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

 Received: 11/04/2016
 Reported: 11/10/2016
 Project Name: TRIONYX 6 FED. #5H
 Project Number: NONE GIVEN
 Project Location: 32.15321-103.71358

 Sampling Date: 11/03/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: BH-11 4' (H602504-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-11 6' (H602504-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-11 8' (H602504-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-11 10' (H602504-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-12 1-2' (H602504-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2016	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

 Received: 11/04/2016
 Reported: 11/10/2016
 Project Name: TRIONYX 6 FED. #5H
 Project Number: NONE GIVEN
 Project Location: 32.15321-103.71358

 Sampling Date: 11/03/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: BH-12 4' (H602504-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-12 6' (H602504-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-12 8' (H602504-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-12 10' (H602504-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-13 1-2' (H602504-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2016	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

 Received: 11/04/2016
 Reported: 11/10/2016
 Project Name: TRIONYX 6 FED. #5H
 Project Number: NONE GIVEN
 Project Location: 32.15321-103.71358

 Sampling Date: 11/03/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: BH-13 4' (H602504-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-13 6' (H602504-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-13 8' (H602504-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/08/2016	ND	400	100	400	0.00	

Sample ID: BH-13 10' (H602504-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/08/2016	ND	400	100	400	0.00	

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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



Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

1-3

BILL TO

ANALYSIS REQUEST

Company Name: R.T. Hicks Consultants
 Project Manager: Mike Stubbelfield
 Address: 2411 S. 137th Street
 City: Artesia State: WA zip: 80210
 Phone #: 575-305-5034 Fax #:
 Project #: Project Owner: Ragging Ball
 Project Name: Trionyx & Fed. 5th
 Project Location: 32.15321-103.91358
 Sampler Name: Mike Stubbelfield
 P.O. #: Company: R.T. Hicks
 Attn: Randy Heiler
 Address: City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
11/09/504	BH-9	1'-2' 32-15321	103.91358	/	/	/	/	/	11/3/16	2:04P	Total Chloride	
2	BH-9	4'	/	/	/	/	/	/	11/3/16	2:06P		
3	BH-9	6'	/	/	/	/	/	/	11/3/16	2:11P		
4	BH-9	9'	/	/	/	/	/	/	11/3/16	2:15P		
5	BH-10	1'-2' 32-15331	103-91310	/	/	/	/	/	11/3/16	12:58P		
6	BH-10	4'	/	/	/	/	/	/	11/3/16	12:59P		
7	BH-10	6'	/	/	/	/	/	/	11/3/16	1:12P		
8	BH-10	8'	/	/	/	/	/	/	11/3/16	1:35P		
9	BH-11	1'-2' 32-15343	103-91309	/	/	/	/	/	11/3/16	3:00P		
10	BH-11	4'	/	/	/	/	/	/	11/3/16	3:04P		

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Relinquished By: Mike Stubbelfield Date: 11/14/16 Time: 4:20
 Received By: Chadler Date: 11/14/16 Time: 4:20
 Delivered By: (Circle One) UPS 22:48 Sample Condition: Cool Intact Yes No
 Checked By: Chadler Initials: CH
 Phone Result: Yes No Add'l Phone #: 393-2326
 Fax Result: Yes No Add'l Fax #: 393-2476
 REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

2-3

Company Name: <u>R.T. HILKE CONSULTANTS</u>		P.O. #:	
Project Manager: <u>MARCO STUBOGLIETTI</u>		Company:	
Address: <u>2411 S. 13th Street</u>		Attn:	
City: <u>Altoona</u> State: <u>NM</u> Zip: <u>88210</u>		Address:	
Phone #: <u>505-365-5036</u> Fax #: <u>505-365-5036</u>		City:	
Project #: <u>TRIONYX 6 Fcd 5H</u>		State:	
Project Name: <u>TRIONYX 6 Fcd 5H</u>		Zip:	
Project Location: <u>3215 321-108-71350</u>		Phone #:	
Sampler Name: <u>DR. STEPHEN</u>		Fax #:	
FOR LAB USE ONLY		PRESERV	
Lab I.D. <u>H602504</u>		SAMPLE	
Sample I.D.		DATE	
11 BH-11 6'		11/3/14 3:11P	
12 BH-11 8'		11/3/14 3:18P	
13 BH-11 10'		11/3/14 3:21P	
14 BH-12 1'-2'		11/3/14 3:24P	
15 BH-12 4'		11/3/14 3:50P	
16 BH-12 6'		11/3/14 3:54P	
17 BH-12 8'		11/3/14 4:01P	
18 BH-12 10'		11/3/14 4:12P	
19 BH-13 1'-2'		11/3/14 4:41P	
20 BH-13 4'		11/3/14 4:44P	
PLEASE NOTE: Cardinal's liability and defense exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived 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 consequential damages, including without limitation, business interruption, 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		ANALYSIS REQUEST	
Relinquished By: <u>MS (Stephens)</u>		REMARKS:	
Date: <u>11/4/14</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Time: <u>4:20</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:	
Received By: <u>MS (Stephens)</u>			
Date:			
Time:			
Delivered By: (Circle One)		CHECKED BY: <u>MS (Stephens)</u>	
Sampler - UPS - Bus - Other: <u>22.4°C</u>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
		Yes <input type="checkbox"/> No <input type="checkbox"/>	
		Code # <u>75</u>	



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

3-3

BILL TO

ANALYSIS REQUEST

Company Name: <u>A.T. Wells Consulting</u>	P.O. #:
Project Manager: <u>Mike Swoboda</u>	Company: <u>R.S. Hill</u>
Address: <u>2411 S. 1st Street</u>	Attn: <u>Reilly Hickey</u>
City: <u>Artesia</u>	Address:
State: <u>NM</u>	City:
Zip: <u>88210</u>	State:
Phone #:	Zip:
Fax #:	Phone #:
Project #:	Fax #:
Project Name: <u>Trionyx 6 Fed 5H</u>	
Project Location: <u>32.15 321-103.91358</u>	
Sampler Name: <u>M.L. Swoboda</u>	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>H602504</u>												
	<u>21</u>	<u>GH-13</u>	<u>6'</u>						<u>11/3/16</u>	<u>4:49P</u>		<u>✓</u>
	<u>22</u>	<u>GH-13</u>	<u>8'</u>						<u>11/7/16</u>	<u>5:08P</u>		<u>✓</u>
	<u>23</u>	<u>GH-13</u>	<u>10'</u>						<u>11/5/16</u>	<u>5:26P</u>		<u>✓</u>

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Relinquished By: <u>M.L. Swoboda</u>	Date: <u>11/14/16</u>	Received By: <u>Reilly Hickey</u>	Date: <u>11/14/16</u>
Time: <u>4:20</u>	Time:	Time:	Time:

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
<input type="radio"/> UPS <input type="radio"/> Bus <input type="radio"/> Other: <u>2247</u>	<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>cool #75</u>

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS:



December 07, 2016

MIKE STUBBLEFIELD

R T HICKS CONSULTANTS

901 RIO GRANDE BLVD SUITE F-142

ALBUQUERQUE, NM 87104

RE: TRIONYX 6 FED. #5H

Enclosed are the results of analyses for samples received by the laboratory on 12/05/16 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 R T HICKS CONSULTANTS
 MIKE STUBBLEFIELD
 901 RIO GRANDE BLVD SUITE F-142
 ALBUQUERQUE NM, 87104
 Fax To: NONE

Received:	12/05/2016	Sampling Date:	11/10/2016
Reported:	12/07/2016	Sampling Type:	Soil
Project Name:	TRIONYX 6 FED. #5H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	32.15321-103.71358		

Sample ID: 40' N - 40' E 1' (H602708-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/06/2016	ND	400	100	400	0.00	

Sample ID: 60' N - 10' E 2' (H602708-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	12/06/2016	ND	400	100	400	0.00	

Sample ID: 0' N - 80' W 2' (H602708-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	12/06/2016	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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



