

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accredited 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.

Celeg D. Keine

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



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

Received: Reported: 06/23/2015 06/26/2015

Project Name: Project Number:

Analyte

Analyte

Analyte

Project Location:

TRONIXES (WTL)

NOT GIVEN

LEA

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: \*\* (See Notes)

Soil

Jodi Henson

06/22/2015

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

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: HM

Result

Reporting Limit 23600 16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 06/25/2015 Method Blank ND

BS 416

BS

% Recovery 104

True Value QC 400

400

400

400

RPD Qualifier

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

Chloride, SM4500CI-B

mg/kg

Result

8400

Result

4320

Analyzed By: HM

Analyzed 06/25/2015

06/25/2015

Method Blank ND

% Recovery 416

True Value QC

RPD

Qualifier

0.00

0.00

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Analyzed Method Blank

ND

BS

416

BS

% Recovery 104

104

True Value QC

Qualifier

RPD 0.00

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Analyte Result Reporting Limit Analyzed 480 16.0

06/25/2015

Method Blank ND

% Recovery 416 104

True Value QC

RPD 0.00

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

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Celley D. Freens

Celey D. Keene, Lab Director/Quality Manager



TALON LPE KIMBERLY WILSON 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

06/23/2015

Reported:

06/26/2015 TRONIXES (WTL)

Project Name: Project Number:

NOT GIVEN

Project Location:

LEA

Sampling Date:

06/22/2015

Sampling Type:

Soil

Sampling Condition: Sample Received By: \*\* (See Notes)

Jodi Henson

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

Chloride,	SM4500CI-B
-----------	------------

Chloride

Chloride

Chloride

Chloride

Chloride

ı	ĭ	١	g	1	ķ

### Analyzed By: HM

	_			_	

Analyte	Result
C. W. Comp.	1,100

### 10100

Reporting Limit Analyzed 16.0 06/25/2015

Method Blank ND

BS 416

BS

416

BS

416

% Recovery 104

True Value QC 400

RPD Qualifier

0.00

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

Analyte

### Chloride, SM4500CI-B

		12.
	**	ten
	4	kg

Reporting Limit

16.0

Result

9100

### Analyzed By: HM

Method Blank

ND

% Recovery

104

True Value QC 400

RPD

0.00

Qualifier

Qualifier

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

### Chloride, SM4500CI-B

m	g	1	kg

### Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed
	7900	16.0	06/25/2015

alyzed

Analyzed

06/25/2015

Method Blank ND

% Recovery

104

104

True Value QC

400

RPD

0.00

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

### Chloride, SM4500CI-B

Analyte

### mg/kg

### Analyzed By: HM

Reporting Limit Result 528 16.0

Analyzed 06/25/2015 Method Blank ND

BS 416

True Value QC % Recovery 104 400

RPD 0.00 Qualifier

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

### Chloride, SM4500CI-B

### mg/kg

### Analyzed By: HM

### Analyte

Result 16400 Reporting Limit 16.0

Analyzed 06/25/2015 Method Blank ND

BS 416 % Recovery True Value QC 400

RPD

0.00

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Kreens

Celey D. Keene, Lab Director/Quality Manager



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

Received: Reported: 06/23/2015 06/26/2015

Project Name: Project Number: TRONIXES (WTL) NOT GIVEN

Project Location:

Analyte

Analyte

Analyte

Analyte

Analyte

LEA

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By:

\*\* (See Notes) Jodi Henson

06/22/2015

Sample ID: S-3, 1' (H501630-10) Chloride, SM4500CI-B

mg/kg

Result

9100

Reporting Limit

16.0

Reporting Limit

Reporting Limit

16.0

Analyzed By: HM

Analyzed

06/25/2015

Analyzed

Method Blank ND

BS % Recovery

104

416

BS

True Value QC 400

RPD

Qualifier

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Method Blank

% Recovery

True Value QC

RPD

0.00

Qualifier

Chloride

Chloride

Chloride

Result 7300

Result

1760

16.0

06/25/2015

ND

416

400

0.00

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyzed

06/25/2015

Method Blank ND

BS 400 % Recovery 100

104

True Value QC

400

RPD

0.00

Qualifier

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

BS

400

0.00

Chloride

Result 10200

Result

8300

Reporting Limit 16.0

Reporting Limit

16.0

Analyzed 06/25/2015 Method Blank ND

ND

% Recovery 100

True Value QC 400

RPD Qualifier

Chloride

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyzed 06/25/2015

Method Blank

BS 400 % Recovery 100

True Value QC

400

RPD Qualifier 0.00

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\*=Accredited Analyte

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Celleg Ditreme

Celey D. Keene, Lab Director/Quality Manager



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

Received:

06/23/2015

Reported:

06/26/2015 TRONIXES (WTL)

Project Name: Project Number:

NOT GIVEN

Project Location:

Analyte

Analyte

LEA

Sampling Date:

Sampling Date.

06/22/2015

Sampling Type:

Soil

Sampling Condition: Sample Received By: \*\* (See Notes)

Jodi Henson

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

Chloride, SM4500CI-B

Chloride

Chloride

mg/kg

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed By: AP

Result 9100 Analyzed 06/25/2015

Analyzed

06/25/2015

Method Blank ND 8S 400

BS

400

% Recovery 100 True Value QC 400 RPD

0.00

Qualifier

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

Chloride, SM4500CI-B

mg/kg

Result

7300

Analyzed By: AP

au My. At

Method Blank

ND

% Recovery

100

True Value QC

400

Qualifier

0.00

RPD

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

Chloride, SM4500CI-B

ma/k

Analyzed By: AP

Analyte Result Reporting Limit

Chloride 11800 16,0

Analyzed 06/25/2015

Method Blank ND

8S 400 % Recovery 100 True Value QC 400 RPD

0.00

Qualifier

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Celey & Kreene

Celey D. Keene, Lab Director/Quality Manager

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### **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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Celey & Keine



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

Company Name: Talon/LPE	(0) = 1/E	ANALYSIS REQUEST
Project Manager:	P.O.#:	
Address: 408 W. Texas Ave.	company: Talon/LPE	PE
City: Artesia state: NM	zip: 88210 Attn:	
Phone #: 575-746-8768 Fax #: 575-746-8905	746-8905 Address:	5
Project #: Project Owner:	Ragin Ball	100
Project Name: 1/0 n.ks (UTC)		+6/1
Project Location: ( e .	Phone #:	16
Sampler Name: K 13.150 h	Fax#:	
FOR LAB USE ONLY	MATRIX	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: CE/COOL OTHER ROOF TE ACID/BASE	To Ea/
18-10		5
25.1.1.	×	
35-1,2	× /	t
45-1, 3		
55-20	×	
65-21	×	~
7 5-2,2	×	A
85-2,0	x x	1
7 5.3.0	×	4
10 8. 3. 1	x y l	+,
TLANCE NOTE: LIBRING and Damages. Custimes libring and clients exclusive ennessy of any claim arising whether based in contract or bot, shall be limited to the amount paid by the client for the analyses. All claims including those for praciples and any other creates what have been sold whether based in contract or created by Contract within 20 clays after completion of the applicable service. In our write shall Custimal be liable for incidental or consequential damages, including without limitation, business intemptices, loss of use, or less of profits incurred by client, is subscitation, or service shall Custimal be liable for incidental or consequential damages, including without limitation, business intemptices, loss of use, or less of profits incurred by client, is subscitation.	edy for any dainn anaking whether based in contract or but, shall be limited to the amount paid by the client for ma shall be deemed whether based in contract or but, shall be limited to the amount paid on photologists as shall be obtained by the completion of the a including without limitation, business interruptions, loss of use, or loss of profits incurred by dism, its subsidiaries.	aid by the cleant for the dark of the cleant of the cleant of the composition of the applicable by cleant, as subscitation,
hed By:/ Date:	Received By:	Phone Result:
Kubety Wish ime:	Maske	REMARKS
Relinquished By: 1 Date: 2318	Received By:	-11.
Deliyered By: (Circle One)	Sample Condition CHECKED BY: Cool Index (mitials)	
Sampler - UPS - Bus - Other:	Z No I Yes	



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

(575) 393-2326 FAX (575) 393-2476 Company Name: Talon/LPE Project Manager: Address: 408 W. Texas Ave.	P.O. #: Company:	ANALYSIS REQUEST
Project Name: 1/0/1/265(~7)	State: Zip:	orides
Sampler Name: K 13 // Son	Fax #:  MATRIX   PRESERV   SAMPLING	C4/
Lab I.D. Sample I.D.  G)RAB OR (C)OM	CONTAINERS  GROUNDWATER  WASTEWATER  SOIL  DIL.  SLUDGE  OTHER:  ACID/BASE:  ICE / COOL  OTHER ( )	Total
12 S-3, 2° X	***	
15 S-4 2 X	* + >	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PLEASE NOTE: Labelty and champes. Continuate liability and clears exclusive namedy for any claim anking whether based in contract or tot, chall be initiated to the amount paid by the completion of the applicable analysis. All claims including those for engigience and any other completion of the applicable completion of the applicable contract in the contract or total parties including which has been contracted by Careful within 30 days after completion of the applicable completion of the applicable contract in the contract of the applicable contract or total parties including which is included in the completion of the applicable contract or total parties including which is a subscitation, and the completion of the applicable contract or total parties including which is a subscitation, and the completion of the applicable contract or total parties including which is a subscitation.	A control of the cary claim activity whether based in contract or tort, shall be limited in the amount past by the client for the appropriate deviced critical and the medical within 30 days after completion of the appropriate post of the past of the pa	A
Relinquished By:  Relinquished	Date: Received By: Phone Result: Fax Result: Time:  Date: Sample Condition  Sample Condition  Clock Intaction  (Initials)	sult: □ Yes □ No  Add'l Phone #: Ilt: □ Yes □ No  Add'l Fax #: S:



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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)

Celey D. Keine

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



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, SM4500CI-B	mg	/kg	Analyze	d 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' (H601	1525-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H601	1525-03)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H601	1525-04)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keine



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	Analyze	d 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' (H60:	1525-06)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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' (H60:	1525-07)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H60:	1525-08)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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' (H60:	1525-09)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine

Jodi Henson

Sample Received By:



### 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

Reported: 07/14/2016 Sampling Type: Soil
Project Name: TRIONYX WATER TRANSFER LINE Sampling Condition: \*\* (See Notes)

Project Location: UT O SEC. 6 T25S.R32E

NONE GIVEN

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

Project Number:

Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H60	1525-11)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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' (H60	1525-12)								
Chloride, SM4500CI-B	mg	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' (H60	1525-13)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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' (H60	1525-14)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	

### Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



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	Analyze	d 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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Celeg D. Freene



### **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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Celeg D. Freene



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	75) 393-2476	
Company Name: RT Hicke Co	Lensoltants BILL TO	ANALYSIS REQUEST
SIKO ST		
2411 5 1175	Company: Rasing	
Arteria	m zip: 88210 Attn: Techando II	offa
e#: 575-361-5034	0	1145
	S Journe	
ame: Trionyx W		
on: Ut O bec.	55. R32E	35
	Fax #:	Ļ
	MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	B OR (C)OMP. TAINERS NDWATER EWATER  GE R: BASE:	istal Ch
H101575	# CO GRO WAS SOIL OIL SLUE OTH ACID ICE /	
1 84.5 0'	3/6/6	0.314
7 84.5	8 1/2/10	1936:k
3 811-5 2	3/14/6	845:5
4 84-53	11/6/4	10:089
S 811.6 0	1/2/10	II:01A
6 8 H . 6 1	31/4/4	16 11:024
J 84.6 2'	2/2/4	11:3SA
0	1/2/2	11:434
G-118	9/10/2	12:39 A 82:35
PLEASE NOTE: Liability and Damages. Cardinal's liability and client	PLEASE NOTE: Liability and Damages. Cardnal'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 angular pa	y the client for the controlled the specific of the spolicable of the spolicable
analyses. All claims including those for negligence and any other cal service. In no event shall Cardinal be liable for incidental or consequences of	analyses. All falams including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after competition of the applicable service. In no event shall Cardinal be labele for incidental or consequental damages, including without finishion, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, service. In no event shall Cardinal be labele for incidental or consequental damages, including without finishion, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, services. In no event shall cardinal be labele for incidental or consequental damages, and requires the cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.	pplicable
Relinquished By:	Received By:	Phone Result:
Project Stally (1997) Relinquished By:	Times: 20 Well Jan Jan Jan Date: Régeived By:	REMARKS:
No minda and a second	×	
Delivered By: (Circle One)	Sample Condition CHECKED BY:	

Sampler - UPS - Bus Other



101 East Marland. Hobbs. NM 88240

(575) 393-2326 FAX (575) 393-2476	476			
ompany Name: P.T. Aidle Consultants		BILL TO		ANALYSIS REQUEST
roject Manager: Mike Stubblefield		P.O. #:		
ddress: 2911 5.13 th 5/10/		Company:		
17/12519	State: NM Zip: 00210	Attn:		
10 mm. 525 365 5034	11	Address:		
	Project Owner: 0115 1 501 UKES C	City:		
ame: Trionyx Wa		State: Zip:		
on: UT O' SEC. 6. 7	7255 - R32E	Phone #:	0	
MOO STOPPILL		Fax #:	id	
1 000	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Total Che	
BH-7			326	
	0 5	den: c1 71/0/2	960	
811.8	2	21 21.40	12:578	
15 BH-8 2	2	116	1:058	
8-118	2	1 31/4/4	J. S. W.	
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Time:	Received By: Received By: Received By:	MALDM.	Fax Result:	Add'I Phone #: Add'I Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact Cool Intact Yes Yes No	On CHECKED BK:		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-24/6



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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)

Celey D. Keine

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



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, SM4500CI-B	mg	/kg	Analyze	d 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' (H602	2504-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H602	2504-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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' (H602	2504-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine



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

Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H	602504-06)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H	602504-07)								
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	104	16.0	11/08/2016	ND	400	100	400	0.00	
Chloride									
	602504-08)								
Sample ID: BH-10 8' (H	•	/kg	Analyze	d By: AC					
Sample ID: BH-10 8' (He Chloride, SM4500Cl-B	•	<b>/kg</b> Reporting Limit	<b>Analyze</b> Analyzed	d By: AC  Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d 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



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

48.0

16.0

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

Jumpic 13: 21: 12 : (1:00	,								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed 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' (H60	)2504-11)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

400

100

400

0.00

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

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	

11/08/2016

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

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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, SM4500CI-B	mg	/kg	Analyze	d 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



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: Sampling Type: 11/10/2016 Soil

Project Name: TRIONYX 6 FED. #5H Sampling Condition: \*\* (See Notes) Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: 32.15321-103.71358

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

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	144	16.0	11/08/2016	ND	400	100	400	0.00	
Sample ID: BH-12 6' (H6	02504-16)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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' (H6	02504-17)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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' (H	602504-18)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d 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	Analyze	d 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	

Chloride, SM4500Cl-B	mg	/kg	Analyze	d 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	

Cardinal Laboratories \*=Accredited Analyte

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Celuy D. Keine



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

Result

<16.0

Reporting Limit

16.0

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

Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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' (H60	2504-21)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					

Method Blank

ND

BS

400

% Recovery

100

Analyzed

11/08/2016

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

Analyte

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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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Celeg D. Freene

RPD

0.00

True Value QC

400

Qualifier



### **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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Celeg D. Freene



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

			4
Company Name: R.T. Holes Consultants	teats	BILL TO	ANALYSIS REQUEST
Project Manager: Mike Stuby Letiel		P.O. #:	
Address: 2411 5, 1373 5		Company: R.T. Hide	
	State: NA Zip: 80210 Attn:	th: Ranchy Heiler	
.5034		Address:	
Project #: Pro	towner: Ragging Boll	ty:	
ame: Trionyx		State: Zip:	
Project Location: 32.15321	. 21358	#	
Sampler Name: mile S TERL			
	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE/COOL OTHER:  DATE TIME	
BH-9	21250	111	
3 P. H.S. T.		11/3/16/2:110	
BH.9	1 1	11/3/16 2:150	
BH-10 1:2	03/8390	11/5/16 12:589	
7 84.10 6		113/10/1120	
00	1	11/3/K 1:359	
2	32.13 52	11/3/16 3:009	
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Relinquished By:	ate: Received By:	Phone Result: Yes	□ No Add'I Phone #:
Relinquished By:  Ti	Time: Received By:		
Delivered By: (Circle One)		ç	
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PLEASE NOTE: Liability and Danages. Cardinal's liabil analyses. All claims including those for negligence and service. In no event shall Cardinal be liable for incidental service of the second service.	ity and client's exclusive remedy for any any other cause whatsoever shall be de for ponsequental damages, including w	whether based in contract or tort, shall be unless made in writing and received by Co. n. business interruptions, loss of use, or k	limited to the amount paid by the ardinal within 30 days after compass of profits incurred by client.	urt paid by the client for the ys after completion of the applicable and by client, its subsidiaries,			
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

(0/0) 353-2320 FAA (0/0) 353-24/0	2470			) T
Company Name: R.T. Kell's Consultant		BILL TO		ANALYSIS REQUEST
Project Manager: Mile Stoll Fold		P.O. #:		
Address: Zuli S. 13t Street		Company: Rボルは水。		
State:	NA Zip: 88210	Attn: Roady Hicky		
Fax #:		Address:		
Project #: Project Ow	Project Owner: Devon Energy	City:		
ame: Trionyx & F	1,	State: Zip:		
01-128	358	Phone #:	>	
Sampler Name: Mil Sugget		Fax #:	ide	
	MATRIX	PRESERV. SAMPLING		
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analyses. All claims (including those for negligence and any other customers where the property of the claim of the applicable service. In no event shall Cardinal be lable for incidental or consequental damages, including which and a value of the consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, stillable or subcessors arising out of or related to the performance of services the cardinal regardless of whether such davin is based to no any of the above stand reasons or otherwise.	y run any saama analisy anicolae based in sunneada all be deemed walked unless made in writing and sluding without limitation, business interruptions, or by Cardinal researchess of whether such dalon	near, or on, assa or minera to the arriver; para by the creat for the grant received by Cardinal within 30 days after completion of the a gran, loss of use, no loss of profits incurred by offerst, its subsidiaries aim is based timon and of the above stated research or otherwise.	y tre cent to me completion of the applicable rnt, its subsidiaries, ton or otherwise.	
	( Received By:		Phone Result:  Yes  No	Add'l Phone #: Add'l Fax #:
\$	20 (Received By:	Sero	<u>.</u>	
Delivered By: (Circle One)	Sample Condition	ion CHECKED BY:		
Delivered By: (Circle One)	Sample Condit			

Sampler - UPS - Bus - Other:



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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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)

Celey D. Keine

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



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, SM4500CI-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 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 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 0.00 400 100

Cardinal Laboratories \*=Accredited Analyte

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 amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall 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, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### **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

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



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

company name:	RT. Hicks Consultant	\$	BILL TO	ANALYSIS REQUEST
Project Manager	Project Manager: mixe Stubble field		P.O. #:	
Address:	2411 5. 181 Street		Company: R.T. Hides Consul	
City:		State: NM Zip: 88210 AI	Attn: Rundy Hicks	
Phone #:	57(-365-5034 Fax#:		Address:	
Project #:	Project Owne		City:	
Project Name:	Trionyx & Fed. No. 5H		State: Zip:	
Project Location:	1		Phone #:	•
Sampler Name:	man/State (1)	Fa	Fax #:	ide
FOR LAB USE ONLY	,	MATRIX	PRESERV. SAMPLING	
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marks 100	100 minus	MODE MENDEN	REMARKS:	□ Yes

18.30

Sample Condition
Cool Intact
Yes Yes
No No

Sampler - UPS - Bus - Other: #75

Delivered By: (Circle One)

Time:

Relinquished By: