YATES PETROLEUM CORPORATION
105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (575) 748-1471

January 6, 2009

Mr. Mike Bratcher
NMOCD District II
1301 West Grand
Artesia, NM 88210

Re: Saguaro Water Transfer
30-015-20396
Section 23, T20S-R24E
Eddy County, New Mexico

Dear Mr. Bratcher,

Enclosed please find a Form C-141, Final Report for the above captioned site regarding the release on December 14, 2008, (50 B/PW with 40 B/PW recovered). Samples were taken on December 29, 2008 (witnessed by Sherry Bonham/NMOCD) and sent to an OCD approved laboratory, analytical reports (chlorides are for reference) and sample diagram enclosed. Grab/composite sample points designated GS/Comp-003 were at a depth of one (1) foot, because of a rock layer below the sub-surface (deeper delineation was not possible). Site ranking is zero (0), with the depth to ground water >100' (approximately 268'). RRAL's based on the site ranking of 0, BTEX (ppm) @ 50 and TPH (ppm) @ 5000, sample results are within these limits. Based on produced water recovered and sample results, Yates Petroleum Corporation requests closure. When final approval is granted Yates will have a contractor line the excavation area as previously discussed per 12/9/2008 e-mail(s).

If you have any questions, please call me at 505-748-4217.

Thank you.

YATES PETROLEUM CORPORATION

Robert Asher
Environmental Regulatory Agent

/rca
Enclosure(s)

District I
625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

JAN 06 2009
OCD-ARTESIA

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

12-1

Name of Company	OGRID Number	Contact
Yates Petroleum Corporation	25575	Robert Asher
Address		Telephone No.
104 S. 4TH Street		575-748-1471
Facility Name	API Number	Facility Type
Saguaro Water Transfer	30-015-20396	Battery

Surface Owner	Mineral Owner	Lease No.
Federal	Federal	NM-84608

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	23	20S	24E					Eddy

Latitude 32.57531 **Longitude** 104.57860

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Produced Water	50 B/PW	40 B/PW
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Gun Barrel	12/14/2008- PM	12/14/2008 - PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher, OCD, District II	
By Whom? Robert Asher, Yates Petroleum Corporation	Date and Hour 12/15/2008: PM (Voicemail and e-mail)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
High winds broke water leg on gun barrel causing release. Vacuum truck called.

Describe Area Affected and Cleanup Action Taken.*
An approximate area of 75' X 50'. Vacuum truck picked up remaining produced water, crew repaired water leg. . Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX. If initial analytical results for TPH & BTEX are under RRAL's a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL a work plan will be submitted to the OCD. **Depth to Ground Water: >100' (approx. 268', per NM Office of the State Engineer), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0. Based on analytical results (enclosed), Yates Petroleum Corporation requests closure.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION
Printed Name: Robert Asher	Approved by District Supervisor: Ashley Maxwell
Title: Environmental Regulatory Agent	Approval Date: 4/10/2023 Expiration Date:
E-mail Address: boba@ypcnm.com	Conditions of Approval: Attached ☐
Date: Tuesday, January 06, 2009 Phone: 575-748-4217	

Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

nSEB0836151238

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	OGRID Number	Contact
Yates Petroleum Corporation	25575	Robert Asher
Address		Telephone No.
104 S. 4TH Street		575-748-1471
Facility Name	API Number	Facility Type
Saguaro Water Transfer	30-015-20396	Battery

Surface Owner	Mineral Owner	Lease No.
Federal	Federal	NM-84608

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	23	20S	24E					Eddy

15 20 24 Latitude 32.57531 Longitude 104.57860

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Produced Water	50 B/PW	40 B/PW
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
Gun Barrel	12/14/2008- PM	12/14/2008 - PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom?	Mike Bratcher, OCD, District II
By Whom?	Date and Hour	
Robert Asher, Yates Petroleum Corporation	12/15/2008: PM (Voicemail and e-mail)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	N/A

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*
High winds broke water leg on gun barrel causing release. Vacuum truck called

Describe Area Affected and Cleanup Action Taken.*
An approximate area of 75' X 50'. Vacuum truck picked up remaining produced water, crew repaired water leg. . Vertical and horizontal delineation samples will be taken and analysis ran for TPH & BTEX. If initial analytical results for TPH & BTEX are under RRAL's a Final Report, C-141 will be submitted to the OCD requesting closure. If the analytical results are above the RRAL a work plan will be submitted to the OCD. **Depth to Ground Water: >100' (approx. 268', per NM Office of the State Engineer), Wellhead Protection Area: No, Distance to Surface Water Body: >1000', SITE RANKING IS 0.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature:

Accepted for record
NMOCD

Approved by District Supervisor:

Remediation Actions to be completed and Final C-141 submitted with confirmation analyses/documentation on or before the Expiration Date

Printed Name: Robert Asher

Title: Environmental Regulatory Agent

Approval Date:

Expiration Date: 03-01-09

E-mail Address: boba@ypenm.com

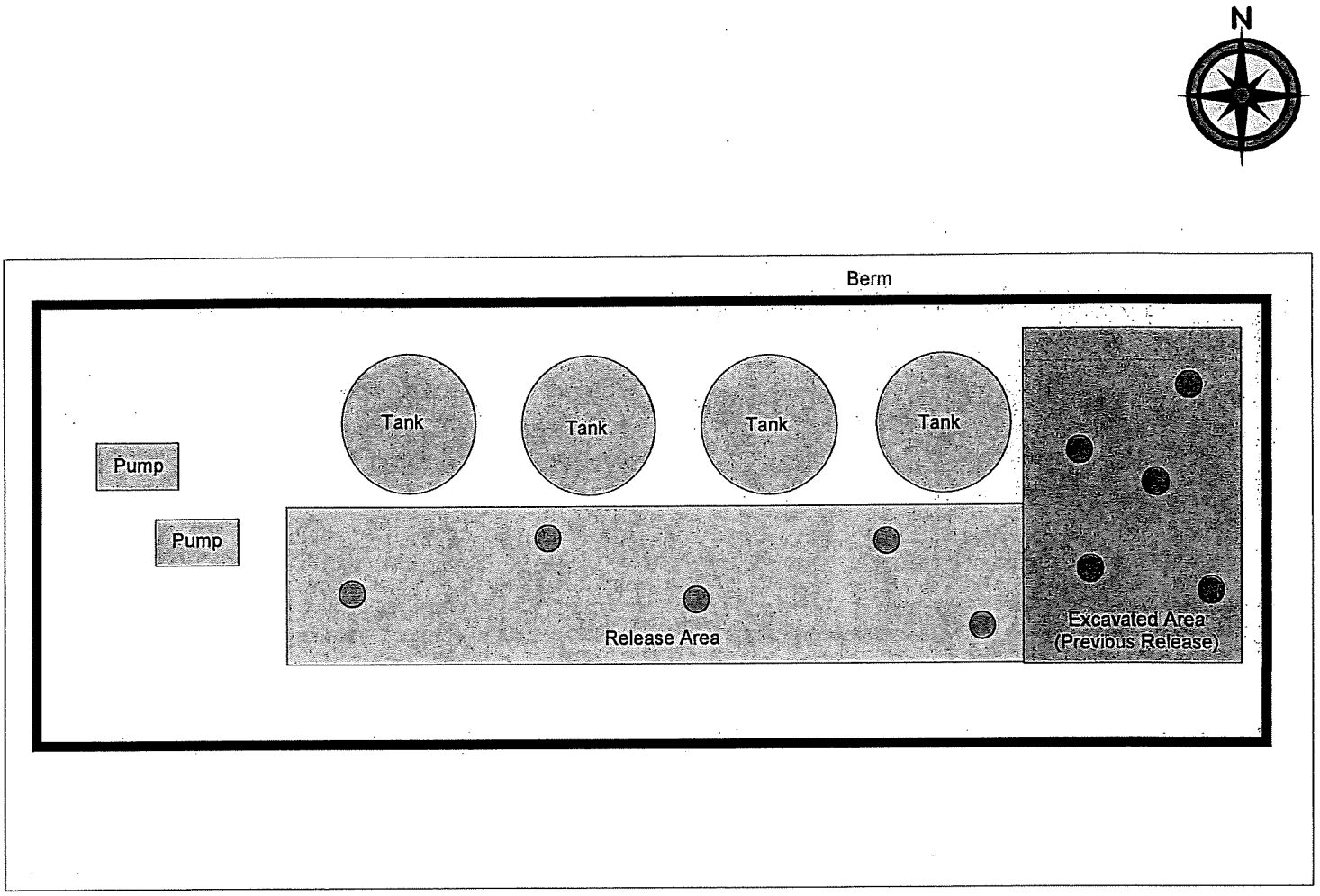
Conditions of Approval:
SEE ATTACHED STIPULATIONS

Attached ☑
2RP-284

Date: Tuesday, December 23, 2008 Phone: 575-748-4217

* Attach Additional Sheets If Necessary

Notify OCD 48 hours prior to obtaining samples where analyses are to be presented to OCD



Sample ID	Sample Date	Sample Type	Depth	BTEX	GRO	DRO	TPH TOTAL	Chlorides*
GS/Comp-001	12/29/2008	Grab/Composite	1'	2.762	126	166	292	838
GS/Comp-002	12/29/2008	Grab/Composite	2'	10.361	789	686	1475	681
GS/Comp-003	12/29/2008	Grab/Composite	1'	0.426	35.3	194	229.3	792

Site Ranking is Zero (0). Depth to Ground Water >100' (approx.268'). All results are ppm.

*** Results for Chlorides are for reference purposes.**

YATES PETROLEUM CORPORATION	**Saguaro Water Transfer** **Section 23, T20S-R24E** **Eddy County, NM**	**Sample Diagram** **(Not to Scale)** **Prepared by Robert Asher** **Environmental Regulatory Agent** **January 6, 2009**

Summary Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM 88210

Report Date: January 6, 2009

Work Order: 8123017

Project Location: Eddy County, NM
Project Name: Saguaro Water Transfer
Project Number: 30-015-20396

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
183761	GS/Comp-001	soil	2008-12-29	10:13	2008-12-30
183762	GS/Comp-002	soil	2008-12-29	10:39	2008-12-30
183763	GS/Comp-003	soil	2008-12-29	10:55	2008-12-30

	BTEX				TPH DRO	TPH GRO
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
183761 - GS/Comp-001	**0.152**	**0.332**	**0.558**	**1.72**	**166**	**126**
183762 - GS/Comp-002	**0.210**	**0.441**	**1.83**	**7.88**	**686**	**789**
183763 - GS/Comp-003	**0.0162**	**0.0258**	**0.0808**	**0.303**	**194**	**35.3**

Sample: 183761 - GS/Comp-001

Param	Flag	Result	Units	RL
Chloride		**838**	mg/Kg	4.00

Sample: 183762 - GS/Comp-002

Param	Flag	Result	Units	RL
Chloride		**681**	mg/Kg	4.00

Sample: 183763 - GS/Comp-003

continued ...

sample 183763 continued ...

Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Chloride		**792**	mg/Kg	4.00

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 HUB: 1752439743100-86536 DBE: VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX LELAP-02003 Kansas E-10317
El Paso: T104704221-08-TX LELAP-02002
Midland: T104704392-08-TX

Analytical and Quality Control Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: January 6, 2009

Work Order: 8123017

Project Location: Eddy County, NM
Project Name: Saguaro Water Transfer
Project Number: 30-015-20396

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

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
183761	GS/Comp-001	soil	2008-12-29	10:13	2008-12-30
183762	GS/Comp-002	soil	2008-12-29	10:39	2008-12-30
183763	GS/Comp-003	soil	2008-12-29	10:55	2008-12-30

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

Blair Leftwich

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project Saguaro Water Transfer were received by TraceAnalysis, Inc. on 2008-12-30 and assigned to work order 8123017. Samples for work order 8123017 were received intact at a temperature of 2.3 deg. C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
Chloride (Titration)	SM 4500-Cl B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 8123017 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 183761 - GS/Comp-001

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	55711	Date Analyzed:	2009-01-05	Analyzed By:	AR
Prep Batch:	47600	Sample Preparation:	2009-01-02	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**838**	mg/Kg	50	4.00

Sample: 183762 - GS/Comp-002

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	55711	Date Analyzed:	2009-01-05	Analyzed By:	AR
Prep Batch:	47600	Sample Preparation:	2009-01-02	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**681**	mg/Kg	50	4.00

Sample: 183763 - GS/Comp-003

Laboratory:	Midland				
Analysis:	Chloride (Titration)	Analytical Method:	SM 4500-Cl B	Prep Method:	N/A
QC Batch:	55711	Date Analyzed:	2009-01-05	Analyzed By:	AR
Prep Batch:	47600	Sample Preparation:	2009-01-02	Prepared By:	AR

Parameter	Flag	Result	RL Units	Dilution	RL
Chloride		**792**	mg/Kg	50	4.00

Method Blank (1) QC Batch: 55711

QC Batch:	55711	Date Analyzed:	2009-01-05	Analyzed By:	AR
Prep Batch:	47600	QC Preparation:	2009-01-02	Prepared By:	AR

Parameter	Flag	MDL Result	Units	RL
Chloride		<2.01	mg/Kg	4

Laboratory Control Spike (LCS-1)

QC Batch: 55711 | Date Analyzed: 2009-01-05 | Analyzed By: AR
Prep Batch: 47600 | QC Preparation: 2009-01-02 | Prepared By: AR

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	98.6	mg/Kg	1	100	<2.01	99	85 - 115

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	99.6	mg/Kg	1	100	<2.01	100	85 - 115	1	20

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

Matrix Spike (MS-1) Spiked Sample: 183894

QC Batch: 55711 | Date Analyzed: 2009-01-05 | Analyzed By: AR
Prep Batch: 47600 | QC Preparation: 2009-01-02 | Prepared By: AR

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Chloride	8190	mg/Kg	50	5000	3320	97	85 - 115

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

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Chloride	8250	mg/Kg	50	5000	3320	99	85 - 115	1	20

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

Standard (ICV-1)

QC Batch: 55711 | Date Analyzed: 2009-01-05 | Analyzed By: AR

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	98.7	99	85 - 115	2009-01-05

Standard (CCV-1)

QC Batch: 55711 | Date Analyzed: 2009-01-05 | Analyzed By: AR

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/Kg	100	101	101	85 - 115	2009-01-05

LAB Order ID # 8123017

TraceAnalysis, Inc.

email: lab@traceanalysis.com
5002 Basin Street, Suite E Midland, Texas 79703
Tel (432) 7689-6301 Fax (432) 689-6313

Company Name: Yates Petroleum Corporation	Phone #: 505-748-4217
Address: (Street, City, Zip) 105 South Fourth Street, Artesia, NM 88210	Fax #: 505-748-4662
Contact Person: Robert Asher	E-mail: boba@ypcnm.com
Invoice to: PO# 105632	
Project #: 30-015-20396	Project Name: Saguaro Water Transfer
Project Location: Eddy County	Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
183761	GS/Comp-001	1	4oz.		X							X		12/29/08	10:13 AM
762	GS/Comp-002	1	4oz.		X							X		12/29/08	10:39 AM
763	GS/Comp-003	1	4oz.		X							X		12/29/08	10:55 AM

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 / TX1005 Extended (C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Chlorides			Turn Around Time if different from standard	Hold
	X		X														X				
	X		X														X				
	X		X														X				

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
RCD / YPC		12/29/2008	2:35 PM	RAV-L	Trace	12-30-08	11:42	11.6°C

LAB USE ONLY
Intact (Y) N
Headspace Y / N (NA)
11.6 °C
Log-In Review

REMARKS:
TPH 8015 GRO/DRO, BTX 8021B & **Chlorides (on separate report).** Please show results as mg/kg. Thank you.

☐ Check If Special Reporting Limits Are Needed

Carrier # FED-EX 7917-4830-4549

All tests Midland.

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

ORIGINAL COPY

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail, lab@traceanalysis.com

Certifications

WBENC: 237019 HUB: 1752439743100-86536 DBE: VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX
LELAP-02003
Kansas E-10317

El Paso: T104704221-08-TX
LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

Robert Asher
Yates Petroleum Corp.
105 South 4th South
Artesia, NM, 88210

Report Date: January 6, 2009

Work Order: 8123017

Project Location: Eddy County, NM
Project Name: Saguaro Water Transfer
Project Number: 30-015-20396

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

Dr. Blair Leftwich, Director

Standard Flags

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

Case Narrative

Samples for project Saguaro Water Transfer were received by TraceAnalysis, Inc. on 2008-12-30 and assigned to work order 8123017. Samples for work order 8123017 were received intact at a temperature of 2.3 deg. C.

Samples were analyzed for the following tests using their respective methods.

Test	Method
BTEX	S 8021B
TPH DRO	Mod. 8015B
TPH GRO	S 8015B

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 8123017 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 183761 - GS/Comp-001

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	55632	Date Analyzed:	2008-12-30	Analyzed By:	ME
Prep Batch:	47546	Sample Preparation:	2008-12-30	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.152**	mg/Kg	1	0.0100
Toluene		**0.332**	mg/Kg	1	0.0100
Ethylbenzene		**0.558**	mg/Kg	1	0.0100
Xylene		**1.72**	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.967	mg/Kg	1	1.00	97	68 - 136.9
4-Bromofluorobenzene (4-BFB)		1.37	mg/Kg	1	1.00	137	48.2 - 155

Sample: 183761 - GS/Comp-001

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	55718	Date Analyzed:	2009-01-05	Analyzed By:	AG
Prep Batch:	47623	Sample Preparation:	2009-01-05	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**166**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		103	mg/Kg	1	100	103	10 - 250.4

Sample: 183761 - GS/Comp-001

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	55634	Date Analyzed:	2008-12-30	Analyzed By:	ME
Prep Batch:	47546	Sample Preparation:	2008-12-30	Prepared By:	ME

continued . . .

sample 183761 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**126**	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.838	mg/Kg	1	1.00	84	67.5 - 135.2
4-Bromofluorobenzene (4-BFB)		1.39	mg/Kg	1	1.00	139	63.8 - 141

Sample: 183762 - GS/Comp-002

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	55632	Date Analyzed:	2008-12-30	Analyzed By:	ME
Prep Batch:	47546	Sample Preparation:	2008-12-30	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.210**	mg/Kg	1	0.0100
Toluene		**0.441**	mg/Kg	1	0.0100
Ethylbenzene		**1.83**	mg/Kg	1	0.0100
Xylene		**7.88**	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.961	mg/Kg	1	1.00	96	68 - 136.9
4-Bromofluorobenzene (4-BFB)	[1]	2.49	mg/Kg	1	1.00	249	48.2 - 155

Sample: 183762 - GS/Comp-002

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	55718	Date Analyzed:	2009-01-05	Analyzed By:	AG
Prep Batch:	47623	Sample Preparation:	2009-01-05	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**686**	mg/Kg	1	50.0

[1]High surrogate recovery due to peak interference.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		140	mg/Kg	1	100	140	10 - 250.4

Sample: 183762 - GS/Comp-002

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	55727	Date Analyzed:	2009-01-05	Analyzed By:	ME
Prep Batch:	47634	Sample Preparation:	2009-01-05	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**789**	mg/Kg	10	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		10.1	mg/Kg	10	10.0	101	67.5 - 135.2
4-Bromofluorobenzene (4-BFB)		13.5	mg/Kg	10	10.0	135	63.8 - 141

Sample: 183763 - GS/Comp-003

Laboratory:	Midland				
Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	55632	Date Analyzed:	2008-12-30	Analyzed By:	ME
Prep Batch:	47546	Sample Preparation:	2008-12-30	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0162**	mg/Kg	1	0.0100
Toluene		**0.0258**	mg/Kg	1	0.0100
Ethylbenzene		**0.0808**	mg/Kg	1	0.0100
Xylene		**0.303**	mg/Kg	1	0.0100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.997	mg/Kg	1	1.00	100	68 - 136.9
4-Bromofluorobenzene (4-BFB)		1.12	mg/Kg	1	1.00	112	48.2 - 155

Sample: 183763 - GS/Comp-003

Laboratory:	Midland				
Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	55718	Date Analyzed:	2009-01-05	Analyzed By:	AG
Prep Batch:	47623	Sample Preparation:	2009-01-05	Prepared By:	AG

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**194**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		129	mg/Kg	1	100	129	10 - 250.4

Sample: 183763 - GS/Comp-003

Laboratory:	Midland				
Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	55634	Date Analyzed:	2008-12-30	Analyzed By:	ME
Prep Batch:	47546	Sample Preparation:	2008-12-30	Prepared By:	ME

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**35.3**	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.812	mg/Kg	1	1.00	81	67.5 - 135.2
4-Bromofluorobenzene (4-BFB)		0.962	mg/Kg	1	1.00	96	63.8 - 141

Method Blank (1) QC Batch: 55632

QC Batch:	55632	Date Analyzed:	2008-12-30	Analyzed By:	ME
Prep Batch:	47546	QC Preparation:	2008-12-30	Prepared By:	ME

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00580	mg/Kg	0.01
Toluene		<0.00470	mg/Kg	0.01
Ethylbenzene		<0.00530	mg/Kg	0.01
Xylene		<0.0136	mg/Kg	0.01

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.996	mg/Kg	1	1.00	100	48.3 - 132.5
4-Bromofluorobenzene (4-BFB)		0.965	mg/Kg	1	1.00	96	37.7 - 128.9

Method Blank (1) QC Batch: 55634

QC Batch: 55634 | Date Analyzed: 2008-12-30 | Analyzed By: ME
Prep Batch: 47546 | QC Preparation: 2008-12-30 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
GRO		0.813	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.860	mg/Kg	1	1.00	86	39.2 - 135.2
4-Bromofluorobenzene (4-BFB)		0.817	mg/Kg	1	1.00	82	16.8 - 138.1

Method Blank (1) QC Batch: 55718

QC Batch: 55718 | Date Analyzed: 2009-01-05 | Analyzed By: AG
Prep Batch: 47623 | QC Preparation: 2009-01-05 | Prepared By: AG

Parameter	Flag	MDL Result	Units	RL
DRO		<15.8	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		65.2	mg/Kg	1	100	65	30.9 - 146.4

Method Blank (1) QC Batch: 55727

QC Batch: 55727 | Date Analyzed: 2009-01-05 | Analyzed By: ME
Prep Batch: 47634 | QC Preparation: 2009-01-05 | Prepared By: ME

Parameter	Flag	MDL Result	Units	RL
GRO		0.984	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.03	mg/Kg	1	1.00	103	39.2 - 135.2
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	16.8 - 138.1

Laboratory Control Spike (LCS-1)

QC Batch: 55632 | Date Analyzed: 2008-12-30 | Analyzed By: ME
Prep Batch: 47546 | QC Preparation: 2008-12-30 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.939	mg/Kg	1	1.00	<0.00580	94	73.3 - 116.6
Toluene	0.924	mg/Kg	1	1.00	<0.00470	92	78.6 - 115.1
Ethylbenzene	0.886	mg/Kg	1	1.00	<0.00530	89	77.4 - 114.9
Xylene	2.69	mg/Kg	1	3.00	<0.0136	90	78.2 - 114.7

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	1.05	mg/Kg	1	1.00	<0.00580	105	73.3 - 116.6	11	20
Toluene	1.03	mg/Kg	1	1.00	<0.00470	103	78.6 - 115.1	11	20
Ethylbenzene	1.02	mg/Kg	1	1.00	<0.00530	102	77.4 - 114.9	14	20
Xylene	3.06	mg/Kg	1	3.00	<0.0136	102	78.2 - 114.7	13	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.02	1.10	mg/Kg	1	1.00	102	110	45 - 124.2
4-Bromofluorobenzene (4-BFB)	1.00	1.06	mg/Kg	1	1.00	100	106	47.2 - 130.4

Laboratory Control Spike (LCS-1)

QC Batch: 55634 | Date Analyzed: 2008-12-30 | Analyzed By: ME
Prep Batch: 47546 | QC Preparation: 2008-12-30 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	7.32	mg/Kg	1	10.0	<0.442	73	57.5 - 106.4

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

continued ...

control spikes continued . . .

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	7.79	mg/Kg	1	10.0	<0.442	78	57.5 - 106.4	6	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.862	0.873	mg/Kg	1	1.00	86	87	63.8 - 134.3
4-Bromofluorobenzene (4-BFB)	0.850	0.860	mg/Kg	1	1.00	85	86	53.3 - 123.6

Laboratory Control Spike (LCS-1)

QC Batch: 55718 | Date Analyzed: 2009-01-05 | Analyzed By: AG
Prep Batch: 47623 | QC Preparation: 2009-01-05 | Prepared By: AG

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	276	mg/Kg	1	250	<15.8	110	27.8 - 152.1

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	277	mg/Kg	1	250	<15.8	111	27.8 - 152.1	0	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	81.5	81.4	mg/Kg	1	100	82	81	38 - 130.4

Laboratory Control Spike (LCS-1)

QC Batch: 55727 | Date Analyzed: 2009-01-05 | Analyzed By: ME
Prep Batch: 47634 | QC Preparation: 2009-01-05 | Prepared By: ME

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	9.23	mg/Kg	1	10.0	<0.442	92	57.5 - 106.4

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

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	9.10	mg/Kg	1	10.0	<0.442	91	57.5 - 106.4	1	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.994	0.998	mg/Kg	1	1.00	99	100	63.8 - 134.3
4-Bromofluorobenzene (4-BFB)	1.02	1.03	mg/Kg	1	1.00	102	103	53.3 - 123.6

Matrix Spike (MS-1) Spiked Sample: 183763

QC Batch: 55632 | Date Analyzed: 2008-12-30 | Analyzed By: ME
Prep Batch: 47546 | QC Preparation: 2008-12-30 | Prepared By: ME

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
Benzene	0.990	mg/Kg	1	1.00	0.0162	97	62.2 - 134.3
Toluene	0.998	mg/Kg	1	1.00	0.0258	97	62.6 - 145.4
Ethylbenzene	0.960	mg/Kg	1	1.00	0.0808	88	64.6 - 146.4
Xylene	2.95	mg/Kg	1	3.00	0.3034	88	64.3 - 148.8

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

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
Benzene	0.992	mg/Kg	1	1.00	0.0162	98	62.2 - 134.3	0	20
Toluene	0.998	mg/Kg	1	1.00	0.0258	97	62.6 - 145.4	0	20
Ethylbenzene	0.982	mg/Kg	1	1.00	0.0808	90	64.6 - 146.4	2	20
Xylene	3.00	mg/Kg	1	3.00	0.3034	90	64.3 - 148.8	2	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.02	1.00	mg/Kg	1	1	102	100	38.8 - 127.5
4-Bromofluorobenzene (4-BFB)	1.06	1.03	mg/Kg	1	1	106	103	49.3 - 142.4

Matrix Spike (MS-1) Spiked Sample: 183754

QC Batch: 55634 | Date Analyzed: 2008-12-30 | Analyzed By: ME
Prep Batch: 47546 | QC Preparation: 2008-12-30 | Prepared By: ME

continued ...

matrix spikes continued ...

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO [2]	74.2	mg/Kg	1	10.0	74.2	0	10 - 139.3

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

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO [3]	80.5	mg/Kg	1	10.0	74.2	0	10 - 139.3	8	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.851	0.872	mg/Kg	1	1	85	87	21.3 - 119
4-Bromofluorobenzene (4-BFB)	1.07	1.12	mg/Kg	1	1	107	112	52.5 - 154

Matrix Spike (MS-1) Spiked Sample: 183896

QC Batch: 55718 | Date Analyzed: 2009-01-05 | Analyzed By: AG
Prep Batch: 47623 | QC Preparation: 2009-01-05 | Prepared By: AG

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	230	mg/Kg	1	250	<15.8	92	18 - 179.5

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

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	280	mg/Kg	1	250	<15.8	112	18 - 179.5	20	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	79.6	85.4	mg/Kg	1	100	80	85	34.1 - 158

Matrix Spike (MS-1) Spiked Sample: 183893

QC Batch: 55727 | Date Analyzed: 2009-01-05 | Analyzed By: ME
Prep Batch: 47634 | QC Preparation: 2009-01-05 | Prepared By: ME

[2]Surrogate recovery out of control on MS/MSD due to matrix interference. LCS/LCSD show method to be in control.
[3]Surrogate recovery out of control on MS/MSD due to matrix interference. LCS/LCSD show method to be in control.

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	10.6	mg/Kg	1	10.0	2.3569	82	10 - 139.3

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

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	10.9	mg/Kg	1	10.0	2.3569	85	10 - 139.3	3	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.00	1.00	mg/Kg	1	1	100	100	21.3 - 119
4-Bromofluorobenzene (4-BFB)	1.12	1.10	mg/Kg	1	1	112	110	52.5 - 154

Standard (ICV-1)

QC Batch: 55632 Date Analyzed: 2008-12-30 Analyzed By: ME

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0967	97	85 - 115	2008-12-30
Toluene		mg/Kg	0.100	0.0957	96	85 - 115	2008-12-30
Ethylbenzene		mg/Kg	0.100	0.0926	93	85 - 115	2008-12-30
Xylene		mg/Kg	0.300	0.281	94	85 - 115	2008-12-30

Standard (CCV-1)

QC Batch: 55632 Date Analyzed: 2008-12-30 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.100	100	85 - 115	2008-12-30
Toluene		mg/Kg	0.100	0.0975	98	85 - 115	2008-12-30
Ethylbenzene		mg/Kg	0.100	0.0937	94	85 - 115	2008-12-30
Xylene		mg/Kg	0.300	0.282	94	85 - 115	2008-12-30

Standard (ICV-1)

QC Batch: 55634 Date Analyzed: 2008-12-30 Analyzed By: ME

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	0.908	91	85 - 115	2008-12-30

Standard (CCV-1)

QC Batch: 55634 Date Analyzed: 2008-12-30 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.07	107	85 - 115	2008-12-30

Standard (ICV-1)

QC Batch: 55718 Date Analyzed: 2009-01-05 Analyzed By: AG

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	279	112	85 - 115	2009-01-05

Standard (CCV-1)

QC Batch: 55718 Date Analyzed: 2009-01-05 Analyzed By: AG

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	229	92	85 - 115	2009-01-05

Standard (ICV-1)

QC Batch: 55727 Date Analyzed: 2009-01-05 Analyzed By: ME

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.06	106	85 - 115	2009-01-05

Standard (CCV-1)

QC Batch: 55727 Date Analyzed: 2009-01-05 Analyzed By: ME

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.08	108	85 - 115	2009-01-05

LAB Order ID # 8123017

TraceAnalysis, Inc.

email: lab@traceanalysis.com
5002 Basin Street, Suite E Midland, Texas 79703
Tel (432) 689-6301 Fax (432) 689-6313

Company Name: Yates Petroleum Corporation
Phone #: 505-748-4217
Address: (Street, City, Zip) 105 South Fourth Street, Artesia, NM 88210
Fax #: 505-748-4662
Contact Person: Robert Asher
E-mail: boba@ypcnm.com
Invoice to: PO# 105632
Project #: 30-015-20396
Project Name: Saguaro Water Transfer
Project Location: Eddy County
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
183761	GS/Comp-001	1	4oz.		X							X		12/29/08	10:13 AM
762	GS/Comp-002	1	4oz.		X							X		12/29/08	10:39 AM
763	GS/Comp-003	1	4oz.		X							X		12/29/08	10:55 AM

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 / TX1005 Extended (C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Chlorides			Turn Around Time if different from standard	Hold
	X		X														X				
	X		X														X				
	X		X														X				

Relinquished by: Company: Date: Time:
RCD / YPC 12/29/2008 2:35 PM

Received by: Company: Date: Time: Temp°c:
RAV-L Trace 12-30-08 11:42 11.6°C

Relinquished by: Company: Date: Time:

Received by: Company: Date: Time: Temp°c:

Relinquished by: Company: Date: Time:

Received by: Company: Date: Time: Temp°c:

LAB USE ONLY
Intact (Y) N
Headspace Y / N (NA)
11.6 °
Log-In Review

REMARKS:
TPH 8015 GRO/DRO, BTX 8021B & **Chlorides (on separate report).** Please show results as mg/kg. Thank you.

☐ Check If Special Reporting Limits Are Needed

Carrier # FED-EX 7917-4830-4549

All tests Midland.

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

ORIGINAL COPY

TRACEANALYSIS, INC.

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6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Work Order Receipt

Order

Work Order	8123017
Receive Date	at
Requestor	Robert Asher - Yates Petroleum Corp.
Invoicing	Robert Asher - Yates Petroleum Corp.
Purchase Order	N/A
Project	30-015-20396 Project Location = Eddy County, NM Project Name = Saguaro Water Transfer Project Number = 30-015-20396
Comment	N/A

Samples

Sample	Field Code	Priority	Matrix	Collect Date	Collect Time	Quantity
183761	GS/Comp-001	Normal	soil	2008-12-29	10:13	1
183762	GS/Comp-002	Normal	soil	2008-12-29	10:39	1
183763	GS/Comp-003	Normal	soil	2008-12-29	10:55	1

Sample	Test	Method	Prep	Priority	Expected Date
183761	BTEX	S 8021B	S 5035	Normal	2009-01-04
	Chloride (Titration)	SM 4500-Cl B	N/A	Normal	2009-01-04
	TPH DRO	Mod. 8015B	N/A	Normal	2009-01-04
	TPH GRO	S 8015B	S 5035	Normal	2009-01-04
183762	BTEX	S 8021B	S 5035	Normal	2009-01-04
	Chloride (Titration)	SM 4500-Cl B	N/A	Normal	2009-01-04
	TPH DRO	Mod. 8015B	N/A	Normal	2009-01-04
	TPH GRO	S 8015B	S 5035	Normal	2009-01-04
183763	BTEX	S 8021B	S 5035	Normal	2009-01-04
	Chloride (Titration)	SM 4500-Cl B	N/A	Normal	2009-01-04

Work Order Receipt

Sample	Test	Method	Prep	Priority	Expected Date
	TPH DRO	Mod. 8015B	N/A	Normal	2009-01-04
	TPH GRO	S 8015B	S 5035	Normal	2009-01-04

LAB Order ID # 8123017

TraceAnalysis, Inc.

email: lab@traceanalysis.com
5002 Basin Street, Suite E Midland, Texas 79703
Tel (432) 689-6301 Fax (432) 689-6313

Company Name: Yates Petroleum Corporation	Phone #: 505-748-4217
Address: (Street, City, Zip) 105 South Fourth Street, Artesia, NM 88210	Fax #: 505-748-4662
Contact Person: Robert Asher	E-mail: boba@ypcnm.com
Invoice to: PO# 105632	
Project #: 30-015-20396	Project Name: Saguaro Water Transfer
Project Location: Eddy County	Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
83761	GS/Comp-001	1	4oz.		X							X		12/29/08	10:13 AM
762	GS/Comp-002	1	4oz.		X							X		12/29/08	10:39 AM
763	GS/Comp-003	1	4oz.		X							X		12/29/08	10:55 AM

ANALYSIS REQUEST
(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 / TX1005 Extended (C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Chlorides			Turn Around Time if different from standard	Hold
	X		X														X				
	X		X														X				
	X		X														X				

Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:	Temp°c:
RCD 1/PC		12/29/2008	2:35 PM	RAV-l	Trace	12-30-08	11:42	11.6°C

LAB USE ONLY
Intact Y N
Headspace Y N NA
11.6 °C
Log-in Review

REMARKS:
TPH 8015 GRO/DRO, BTX 8021B & **Chlorides (on separate report).** Please show results as mg/kg. Thank you.

☐ Check if Special Reporting Limits Are Needed

Carrier # FED-EX 7917-4830-4549

All tests Midland.

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

ORIGINAL COPY

ORIGIN ID: ROWA (505)748-4185
Yates Petroleum
Yates Petroleum
105 South 4th St.

ARTESIA, NM 88210
UNITED STATES US

Ship Date: 24AUG07
ActWgt: 10 LB
System#: 7782518/INET2600
Account: S *********

TO Helen
TraceAnalysis
5002 Basin St, Suite A1

Mdland, TX 79703

(915)689-6301

FedEx
Express

CLS052907/22/23

Ref:
INV:
PO:
RMA:
Dept:

Delivery Address Barcode

BILL SENDER

TRK# 0221 7917 4830 4549

FedEx RETURNS A2
PRIORITY OVERNIGHT

41-MAFA

LBB
TX-US
79703

LAB Order ID # _____

TraceAnalysis, Inc.

email: lab@traceanalysis.com
5002 Basin Street, Suite E Midland,Texas 79703
Tel (432) 7689-6301 Fax (432) 689-6313

Company Name: Yates Petroleum Corporation
Phone #: 505-748-4217
Address: (Street, City, Zip) 105 South Fourth Street, Artesia, NM 88210
Fax #: 505-748-4662
Contact Person: Robert Asher
E-mail: boba@ypcnm.com
Invoice to: PO# 105632
Project #: 30-015-20396
Project Name: Saguaro Water Transfer
Project Location: Eddy County
Sampler Signature:

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCL	HNO_3	$NaHSO_4$	H_2SO_4	ICE	NONE	SAMPLING: DATE	TIME
	GS/Comp-001	1	4oz.		X							X		12/29/08	10:13 AM
	GS/Comp-002	1	4oz.		X							X		12/29/08	10:39 AM
	GS/Comp-003	1	4oz.		X							X		12/29/08	10:55 AM

ANALYSIS REQUEST

(Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005 / TX1005 Extended (C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	Chlorides			Turn Around Time if different from standard	Hold
	X		X														X				
	X		X														X				
	X		X														X				

Relinquished by: Company: Date: Time:
RCD Lab 12/29/2008 2:35 PM
Received by: Company: Date: Time: Temp°c:

Relinquished by: Company: Date: Time:
Received by: Company: Date: Time: Temp°c:

Relinquished by: Company: Date: Time:
Received by: Company: Date: Time: Temp°c:

LAB USE ONLY
Intact Y / N
Headspace Y / N
Log-in Review

REMARKS:
TPH 8015 GRO/DRO, BTX 8021B & **Chlorides (on separate report).** Please show results as mg/kg. Thank you.

☐ Check If Special Reporting Limits Are Needed

Carrier #_____

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of COC

ORIGINAL COPY

PROJECT NAME	SAGAURO WATER TRANSFER		
FIELD CODE	GS|COMP-001	GS|COMP-002	GS|COMP-003
DATE	12/29/2008		
TIME	1013A	1039A	1055A
SOIL TYPE	CLAY		
SAMPLE TYPE	GRAB/MANUAL		
SAMPLE DEPTH	1'	2'	4'-6'
LATITUDE			
LONGITUDE			
TEST TYPE	BTEX | TPH		
COMMENTS	SOUTH SIDE BOTTOM		EXCAVATION AREA

FIELD CODE			
DATE			
TIME			
SOIL TYPE			
SAMPLE TYPE			
SAMPLE DEPTH			
LATITUDE			
LONGITUDE			
TEST TYPE			
COMMENTS			

Bob Asher

From: Bob Asher
Sent: Wednesday, December 24, 2008 2:18 PM
To: ' (mike.bratcher@state.nm.us)'
Cc: 'OCD Artesia (Sherry Bonham)'; Jerry Fanning
Subject: Saguaro Water Transfer

Tracking:

Recipient	Read
' (mike.bratcher@state.nm.us)'	
'OCD Artesia (Sherry Bonham)'	
Jerry Fanning	Read: 12/29/2008 8:40 AM

I will be sampling at the Saguaro Water Transfer, Monday, 12/29/2008 at 10:00 AM.

Thank you.

Robert Asher
Yates Petroleum Corporation
boba@yatespetroleum.com
575-748-4217 (Office)
575-365-4021 (Cell)
575-748-4662 (Fax)

Please note new e-mail address.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 203468

CONDITIONS

Operator: EOG Y RESOURCES, INC. 104 S 4th St Artesia, NM 88210	OGRID: 25575
	Action Number: 203468
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	4/10/2023