

GW - 360

**GENERAL
CORRESPONDENCE**

YEAR(S):

1999 - 2006

THE SANTA FE
NEW MEXICAN
Founded 1849

NM EMNRD OIL CONSERVATION)

ATTN: Ed Martin

1220 S ST FRANCIS DR 12 03

SANTA FE NM 87505

ALTERNATE ACCOUNT: 56689

AD NUMBER: 00161261 ACCOUNT: 00002212

LEGAL NO: 78629

P.O. #: 06-199-050125

514 LINES 1 TIME(S)

287.84

AFFIDAVIT:

6.00

TAX:

22.41

TOTAL:

316.25

AFFIDAVIT OF PUBLICATION

STATE OF NEW MEXICO
COUNTY OF SANTA FE

I, R. Lara, being first duly sworn declare and say that I am Legal Advertising Representative of THE SANTA FE NEW MEXICAN, a daily newspaper published in the English language, and having a general circulation in the Counties of Santa Fe and Los Alamos, State of New Mexico and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 on Session Laws of 1937; that the publication # 78629 a copy of which is hereto attached was published in said newspaper 1 day(s) between 03/24/2006 and 03/24/2006 and that the notice was published in the newspaper proper and not in any supplement; the first date of publication being on the 24th day of March, 2006 and that the undersigned has personal knowledge of the matter and things set forth in this affidavit.

/S/ R. Lara

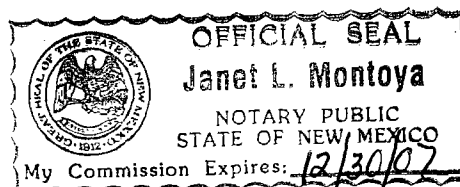
LEGAL ADVERTISEMENT REPRESENTATIVE

Subscribed and sworn to before me on this 24th day of March, 2006

Notary Janet L. Montoya

Commission Expires: 12/30/07

OK To Pay
Ed Martin
3-29-06



**NOTICE OF
PUBLICATION
STATE OF
NEW MEXICO
ENERGY, MINERALS
AND NATURAL
RESOURCES
DEPARTMENT
OIL CONSERVATION
DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, Telephone (505) 476-3440:

(GW-360) - Mr. Murray Erickson, Guardian Wellhead Protection, Inc., P.O. Box 13188, Odessa, Texas 79768 has submitted an application for their Hobbs Service Facility located in the NW/4 SW/4 of Section 36, Township 18 South, Range 37 East, Lea County, New Mexico. All effluents that may be generated at the facility will be collected in a netted open top tank and transported off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 70 feet with a total dissolved solids concentration of greater than 1200 mg/L. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

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(GW-220) - Mr. Aaron Maurer, Bearcat Drilling, 5424 US Highway 64, Farmington, New Mexico 87499 has submitted a renewal application for their Farmington Service Yard located in the NW/4 NW/4 of Section 19, Township 29 North, Range 12 West, San Juan County, New Mexico. All effluents that may be generated at the facility will be collected in a closed top receptacle and transported

off-site for disposal at an OCD approved facility. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth of approximately 10 feet with a total dissolved solids concentration of approximately 200 mg/L. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. The OCD proposed conditions can be viewed at www.emnrd.state.nm.us/ocd in the Draft Discharge Permit for this facility.

(GW-065) - Public Service Company of New Mexico, D. J. Engert, Compressor Plant Manager, Alvarado Square, Albuquerque, New Mexico 87102-1007, has submitted a discharge plan renewal application for their Redonda Compressor Station located in the SE/4 NW/4, Section 25, Township 8 North, Range 3 West, NMPM, Valencia County, New Mexico. Approximately 245 gallons per month of washdown water and used oil is collected in an above ground steel tank sited within a bermed area and stored prior to transport to an OCD approved off-site recycle facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 80 feet with a total dissolved solids concentration of 1050 mg/l.

(GW-066) - Public Service Company of New Mexico, D. J. Engert, Compressor Plant Manager, Alvarado Square, Albuquerque, New Mexico 87102-1007, has submitted a discharge plan renewal application for their Espejo Compressor Station located in Unit 9, Rio Rancho Estates, Township 12 North, Range 2 East, NMPM,

Sandoval County, New Mexico. Approximately 83 gallons per month of washdown water and used oil is collected in an above ground steel tank sited within a bermed area and stored prior to transport to an OCD approved off-site recycle facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth ranging from 719 feet with a total dissolved solids concentration of 364 mg/l.

(GW-263) - Public Service Company of New Mexico, Wilford B. Nez, Senior Engineering Tech, Alvarado Square MS 2104, Albuquerque, New Mexico 87158, has submitted a discharge plan renewal application for their Star Lake Compressor Station located in the NW/4, Section 34, Township 20 North, Range 6 West, NMPM, McKinley County, New Mexico. Any potential discharge at the facility will be collected and stored in a covered above ground tank prior to transport to an OCD approved off-site disposal facility. The discharge permit addresses how oilfield products and waste will be properly handled, stored and disposed of, including how spills, leaks, and other accidental discharges to the surface will be managed in order to protect fresh water. Groundwater most likely to be affected by an accidental discharge is at a depth of 58 feet with a total dissolved solids concentrations of approximately 1,750 mg/l.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any pro-

posed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 20th day of March 2006.

STATE OF
NEW MEXICO
OIL CONSERVATION
DIVISION

SEAL
MARK FESMIRE,
P.E., Director
Legal #78629
Pub. Mar. 24, 2006

REVENUE TRANSMIT

Description	FUND	CES	DFA ORG	DFA ACC	ED ORG	ED ACCT	AMOUNT	
1 CY Reimbursement Project Tax	064	01		2329	900000	2329134		1
5 Gross Receipt Tax	064	01						2
3 Air Quality Title V	092	13	1300	1696	900000	4169134		3
4 PRP Prepayments	248	14	1400	9696	900000	4989014		4
2 Climax Chemical Co.	248	14	1400	9696	900000	4989015		5
8 Circle K Reimbursements	248	14	1400	9696	900000	4989248		6
7 Hazardous Waste Permits	339	27	2700	1696	900000	4169027		7
8 Hazardous Waste Annual Generator Fees	339	27	2700	1696	900000	4169339		8
0 Water Quality - Oil Conservation Division	341	29		2329	900000	2329029	1800 ⁰⁰	10
1 Water Quality - GW Discharge Permit	341	29	2900	1696	900000	4169029		11
2 Air Quality Permits	631	31	2500	1696	900000	4169031		12
3 Payments under Protest	661	33		2919	900000	2919033		13
4 Xerox Copies	662	34		2349	900000	2349001		14
5 Ground Water Penalties	662	34		2349	900000	2349002		16
5 Witness Fees	662	34		2349	900000	2439003		16
7 Air Quality Penalties	662	34		2349	900000	2349004		17
3 OSHA Penalties	662	34		2349	900000	2349005		18
3 Prior Year Reimbursement	662	34		2349	900000	2349006		19
0 Surface Water Quality Certification	662	34		2349	900000	2349009		20
1 Jury Duty	662	34		2349	900000	2349012		21
2 CY Reimbursements (i.e. telephone)	662	34		2349	900000	2349014		22
3 UST Owner's List	783	24	2500	9696	900000	4989201		23
1 Hazardous Waste Notifiers List	783	24	2500	9696	900000	4989202		24
1 UST Maps	783	24	2500	9696	900000	4989203		26
1 UST Owner's Update	783	24	2500	9696	900000	4989205		26
1 Hazardous Waste Regulations	783	24	2500	9696	900000	4989207		28
1 Radiologic Tech. Regulations	783	24	2500	9696	900000	4989208		28
1 Superfund CERLIS List	783	24	2500	9696	900000	4989211		30
1 Solid Waste Permit Fees	783	24	2500	9696	900000	4989213		31
1 Smoking School	783	24	2500	9696	900000	4989214		32
1 SWQB - NPS Publications	783	24	2500	9696	900000	4989222		33
1 Radiation Licensing Regulation	783	24	2500	9696	900000	4989228		34
1 Sale of Equipment	783	24	2500	9696	900000	4989301		35
1 Sale of Automobile	783	24	2500	9696	900000	4989302		36
1 Lost Recoveries	783	24	2500	9696	900000	4989814		37
1 Lost Repayments	783	24	2500	9696	900000	4989815		38
1 Surface Water Publication	783	24	2500	9696	900000	4989801		39
1 Exxon Reese Drive Ruidoso - CAF	783	24	2500	9696	900000	4989242		40
1 Emerg. Hazardous Waste Penalties NOV	957	32	9600	1696	900000	4164032		41
1 Radiologic Tech. Certification	987	05	0500	1696	900000	4169005		42
1 Ust Permit Fees	989	20	3100	1696	900000	4169020		44
1 UST Tank Installers Fees	989	20	3100	1696	900000	4169021		45
1 Food Permit Fees	991	28	2600	1696	900000	4169026		46
1 Other								43

oss Receipt Tax Required

Site Name & Project Code Required

TOTAL

1800⁰⁰

tact Person:

Ed Martin

Phone:

476-3492

Date:

5/30/06

sived in ASD By:

Date:

RT #:

ST #:

MEMORANDUM

Date: May 23, 2006

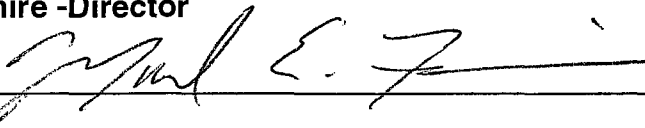
To: Sandra Haug -Director EMNRD
ADMINISTRATIVE SERVICES DIVISION

From: Mark Fesmire- Director
Oil Conservation Division

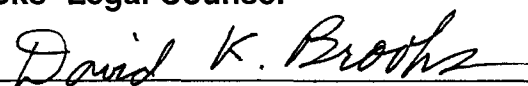
Subject: Authorization to endorse checks

This memo will serve to authorize the following OCD personnel to endorse checks received by the OCD-Environmental Bureau so they may be deposited into the New Mexico Environment-Water Quality Management Fund. Said checks are to be endorsed "for deposit only" into the Water Quality Management Fund. A copy of this authorization is to be included with the associated cash remittance form.

Mark Fesmire -Director

Signature: 

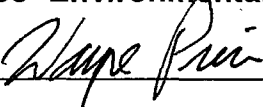
David Brooks- Legal Counsel

Signature: 

Daniel Sanchez- Enforcement & Compliance Manager

Signature: 

Wayne Price- Environmental Bureau Chief

Signature: 

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [REDACTED] dated 5/1/06

or cash received on _____ in the amount of \$ 1800⁰⁰

from Guardian Wellhead Protection Inc

for GW-360

Submitted by: Lawrence Rogers Date: 5/30/06

Submitted to ASD by: Lawrence Rogers Date: 5/30/06

Received in ASD by: _____ Date: _____

Filing Fee ☒ New Facility _____ Renewal _____

Modification _____ Other _____

Organization Code 521.07 Applicable FY 2004

To be deposited in the Water Quality Management Fund.

Full Payment ☒ or Annual Increment _____

ORIGINAL DOCUMENT PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER

GUARDIAN WELLHEAD PROTECTION, INC.

PO BOX 13188
ODESSA, TEXAS 79768-3188
432-368-5449

WEST TEXAS STATE BANK

88-2183/1123

5/1/2006

PAY TO THE ORDER OF Enviromental Bureau OCD

\$ **1,800.00

One Thousand Eight Hundred and 00/100***** DOLLARS

Enviromental Bureau OCD
1220 S. ST FRANCIS
SANTE FE, NM 87505

Cheryl Mason MP

MEMO

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE. RED IMAGE DISAPPEARS WITH HEAT.

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a
newspaper published at
Hobbs, New Mexico, do solemnly
swear that the clipping attached
hereto was published once a
week in the regular and entire
issue of said paper, and not a
supplement thereof for a period.

of 1
_____ weeks.

Beginning with the issue dated

March 24 2006
and ending with the issue dated

March 24 2006

Kathi Bearden

Publisher

Sworn and subscribed to before

me this 24th day of

March 2006

[Signature]
Notary Public.

My Commission expires
February 07, 2009
(Seal)



OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO

My Commission Expires: _____

This newspaper is duly qualified
to publish legal notices or adver-
tisements within the meaning of
Section 3, Chapter 167, Laws of
1937, and payment of fees for
said publication has been made.

LEGAL NOTICE
March 24, 2006

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, telephone (505) 476-3440:

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GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 20th day of March 2006.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
MARK FESMIRE, P.E., Director
#22225

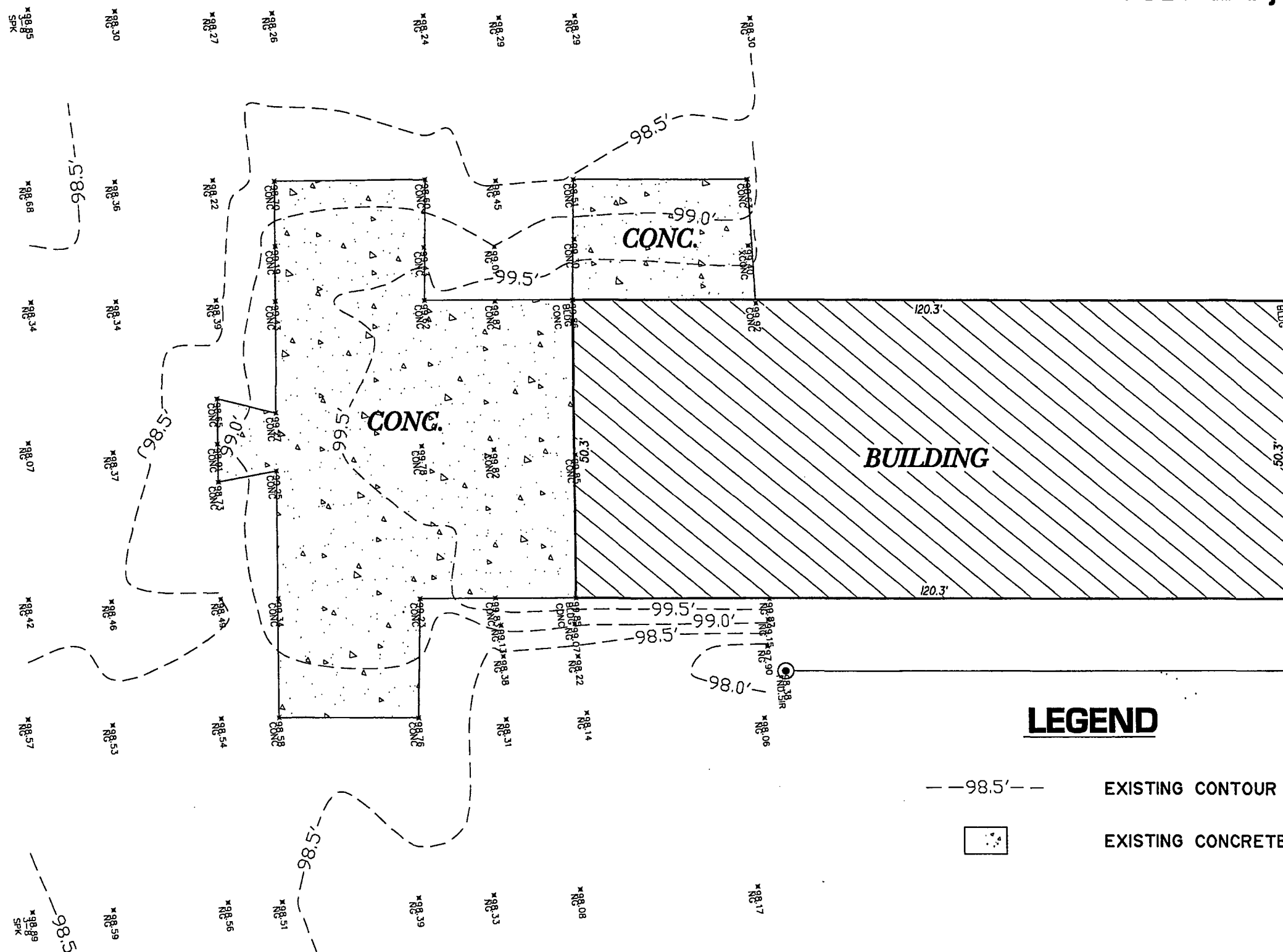
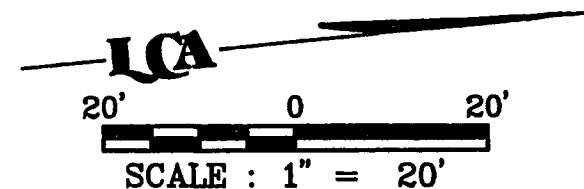
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67536774

STATE OF NEW MEXICO OIL &
1220 S. ST. FRANCIS
SANTA FE, NM 87505

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GUARDIAN TRUCK WASH FACILITY HOBBS, NEW MEXICO



LEGEND

- 98.5'-- EXISTING CONTOUR
-  EXISTING CONCRETE



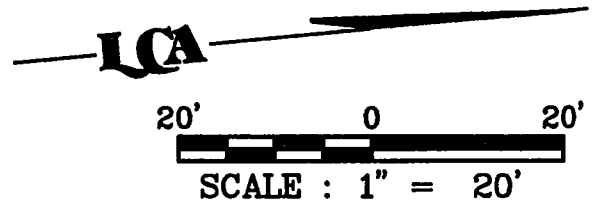
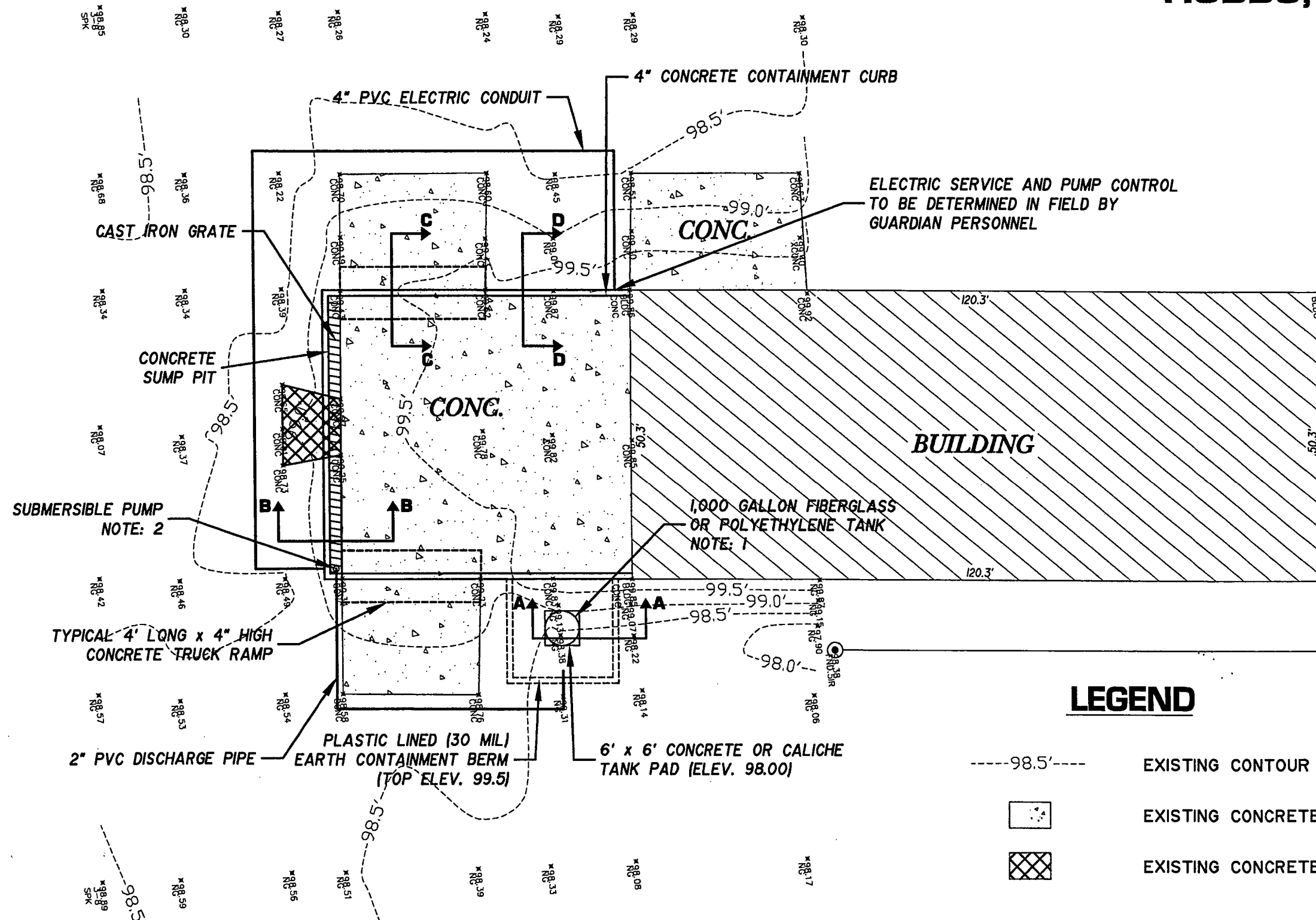
SHEET 1 OF 3
EXISTING CONDITIONS

LCA Landgraf, Crutcher and Associates, Inc.
TRANSPORTATION • ENVIRONMENTAL • CIVIL ENGINEERS ODESSA, TEXAS
Phone. # (432) 332-5058 Fax # (432) 332-8812

LCA JOB No. 2005-074
Copyright 2005 Landgraf, Crutcher and Associates, Inc.

E:\ACAD\2005\2005-074\dwg\DRAWING\Preliminary\2005-074 02 Proposed Construction.dwg, 12/13/2005 2:40:38 PM

GUARDIAN TRUCK WASH FACILITY HOBBS, NEW MEXICO

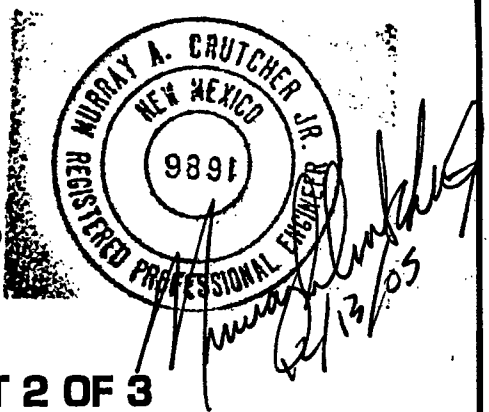


NOTES:

- 1,000 GALLON TANK TO HAVE OPEN TOP WITH BIRD NETTING SECURELY ANCHORED TO TOP. APPROXIMATE TANK DIMENSIONS 5.3' DIA x 6.6' HIGH. SEE SHEET 3 FOR DETAILS
- PUMP - 0.4 HP, SINGLE PHASE, 115v, AUTOMATIC OPERATION SOLIDS HANDLING, 2" DISCHARGE - LIBERTY PUMPS MODEL LE41A-2 OR APPROVED EQUAL (APPROXIMATE PUMP DIMENSIONS 13.5" HIGH x 10.75" WIDE)

LEGEND

- 98.5'--- EXISTING CONTOUR
- [Pattern] EXISTING CONCRETE
- [Pattern] EXISTING CONCRETE TO BE REMOVED



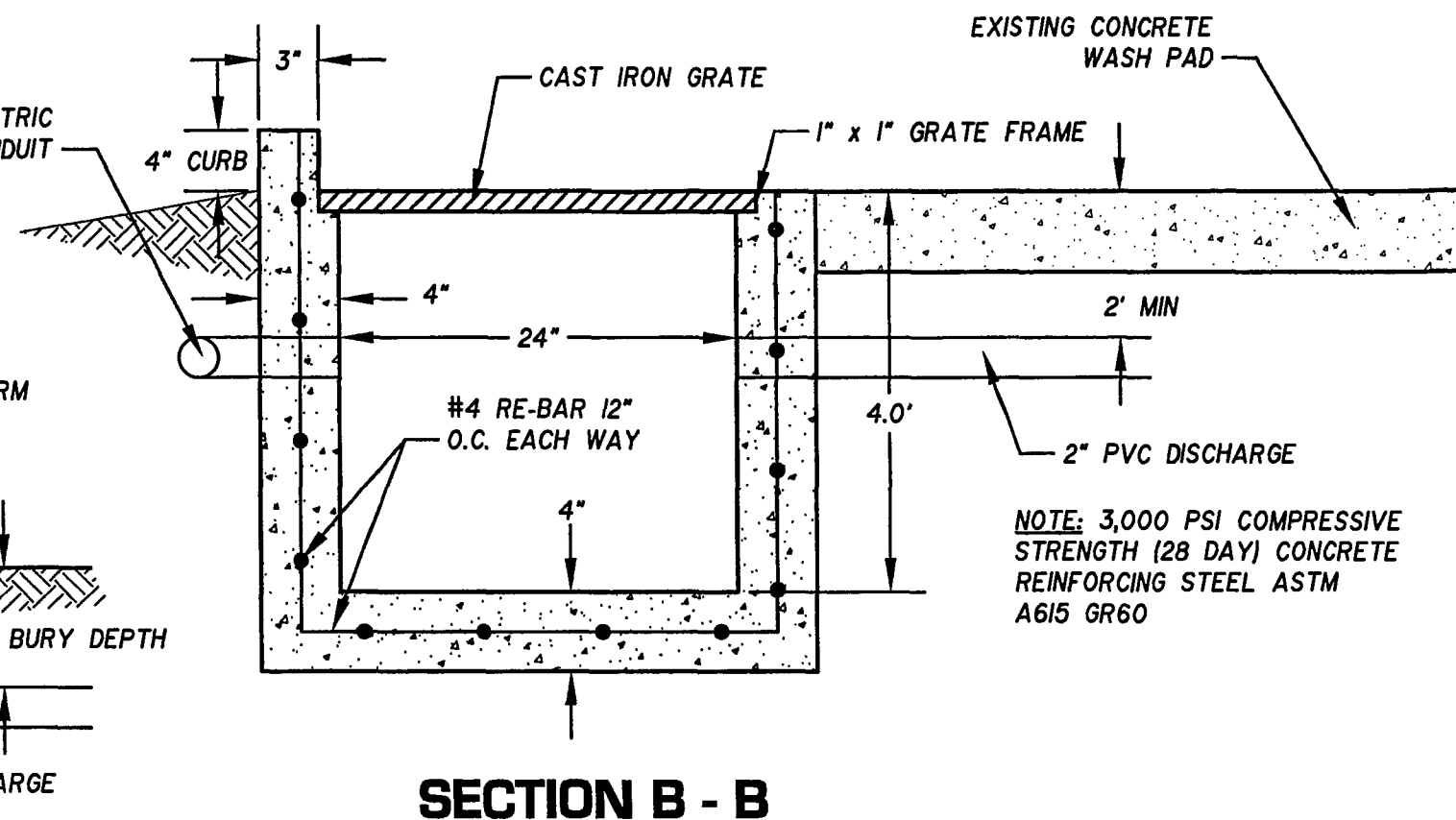
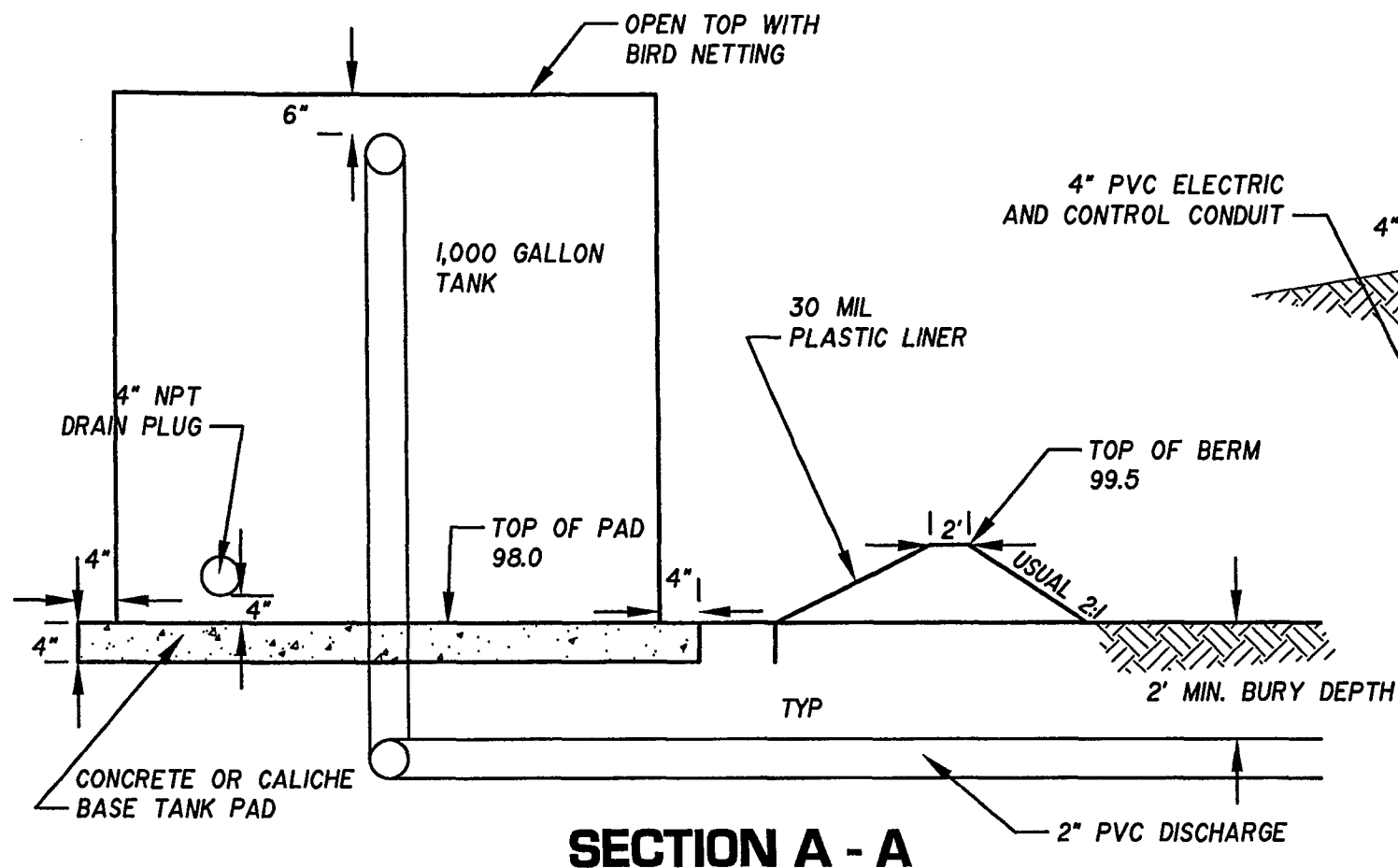
SHEET 2 OF 3
PROPOSED CONSTRUCTION

LCA Landgraf, Crutcher and Associates, Inc.
TRANSPORTATION • ENVIRONMENTAL • CIVIL ENGINEERS ODESSA, TEXAS
Phone. # (432) 332-5058 Fax # (432) 332-8812

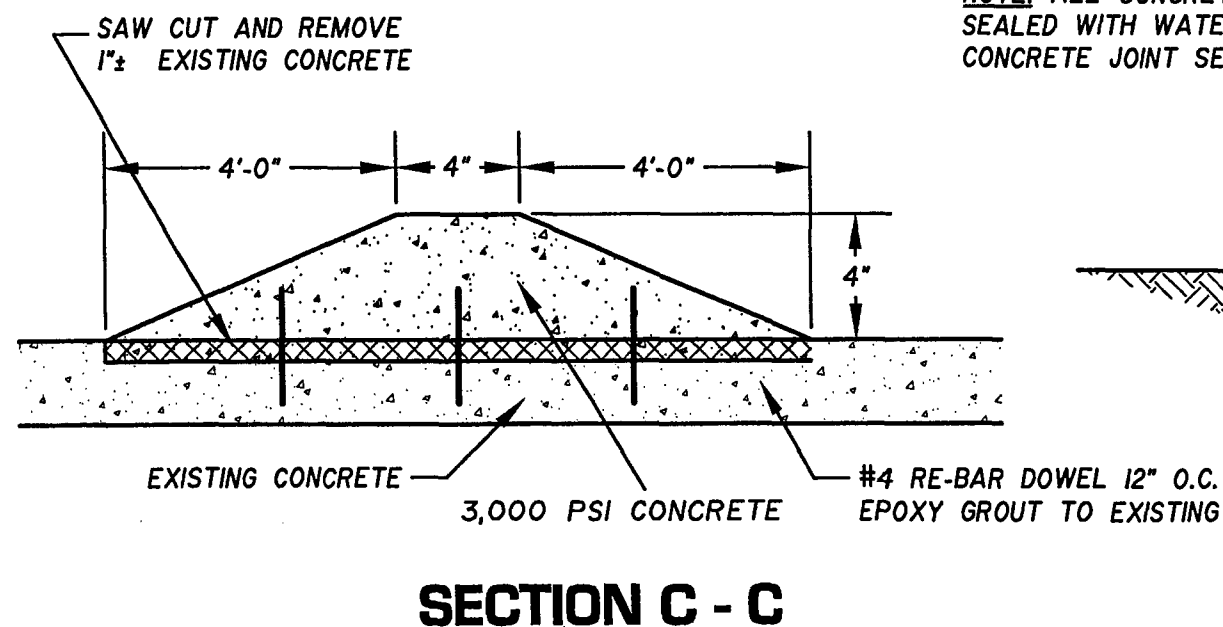
LCA JOB No. 2005-074
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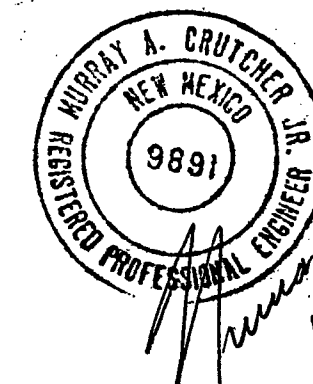
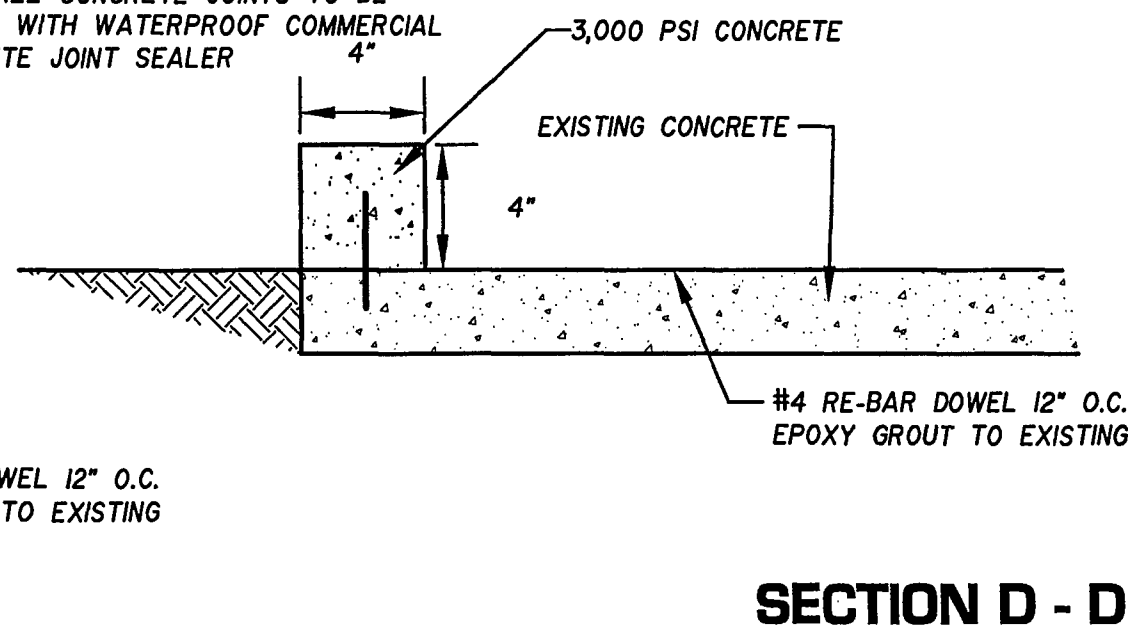
GUARDIAN TRUCK WASH FACILITY HOBBS, NEW MEXICO



NOTE: 3,000 PSI COMPRESSIVE STRENGTH (28 DAY) CONCRETE REINFORCING STEEL ASTM A615 GR60



NOTE: ALL CONCRETE JOINTS TO BE SEALED WITH WATERPROOF COMMERCIAL CONCRETE JOINT SEALER



SHEET 3 OF 3
DETAILS

LCA JOB No. 2005-074
Copyright 2005 Landgraf, Crutcher and Associates, Inc.

LCA Landgraf, Crutcher and Associates, Inc.
TRANSPORTATION • ENVIRONMENTAL • CIVIL ENGINEERS ODESSA, TEXAS
Phone. # (432) 332-5058 Fax # (432) 332-8812

TRANSACTION REPORT

P. 01

OCT-19-2005 WED 10:30 AM

FOR:

RECEIVE

DATE	START	SENDER	RX TIME	PAGES	TYPE	NOTE	M#	DP
OCT-19	10:29 AM		41"	2	RECEIVE	OK		

GUARDIAN WELLHEAD PROTECTION, INC.

P.O. Box 13188

Odessa, TX 79768-3188

Phone (432) 368-5449

Fax (432) 368-0750

FAX TRANSMITTAL

DATE: Wednesday, October 19, 2005

FROM: Murray Erickson

TO: Jack Ford

COMPANY: New Mexico Energy, Minerals & Natural Resource Dept

FAX NO: 505-476-3462

SUBJECT: Compliance Order

MESSAGE

Pages to follow: 1

GUARDIAN WELLHEAD PROTECTION, INC.
P.O. BOX 13166
ODESSA, TX 79762
(432) 366-5449

October 19, 2005

Dear Mr. Ford,

In reference to your Compliance Order for our facility @ 5606 Carlsbad Hwy, Hobbs, NM. Guardian Wellhead has retained Tom Schlegel @ Landgraf, Crutcher & Associates, Inc. To provide us with engineer drawings for our waste water disposal system.

Mr. Schlegel has informed me that their office is extremely busy, but has assured me that he will have me drawings no later than four weeks from today's date.

I hope that this meets your approval, if you should have any questions or concerns about this matter, please feel free to contact me or my office.

Sincerely

Murray Erickson

GUARDIAN WELLHEAD PROTECTION
5606 CARLSBAD HIGHWAY
HOBBS, NEW MEXICO

ALL PICTURES PRESENTED HERE TAKEN BY LARRY JOHNSON
OCTOBER 5, 2005



GUARDIAN WELLHEAD PROTECTION
5606 CARLSBAD HIGHWAY
HOBBS, NEW MEXICO



GUARDIAN WELLHEAD PROTECTION
5606 CARLSBAD HIGHWAY
HOBBS, NEW MEXICO



GUARDIAN WELLHEAD PROTECTION
5606 CARLSBAD HIGHWAY
HOBBS, NEW MEXICO



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HOBBS, NEW MEXICO



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HOBBS, NEW MEXICO



GUARDIAN WELLHEAD PROTECTION
5606 CARLSBAD HIGHWAY
HOBBS, NEW MEXICO



GUARDIAN WELLHEAD PROTECTION
5606 CARLSBAD HIGHWAY
HOBBS, NEW MEXICO



*Response to letter***Guardian Wellhead Protection**

PO Box 13188
6907 E. Commerce St.
Odessa, TX 79762

September 28, 2005

New Mexico Energy, Minerals
and Natural Resources Department

Re: Routine Inspection
Hobbs Service Facility
Hobbs, New Mexico

In response to your letter dated March 7, 2005, referencing the routine inspection and the findings at our facility located at 5606 Carlsbad Hwy. in Hobbs, NM, conducted by (OCD) personnel, Mr. W. Jack Ford, and Mr. Larry Johnson, please find herein the actions taken to remedy the conditions so noted.

1. Prior leakage to the ground surface observed by stained soil under and around storage drums.
 - * All storage drums and receptacles have been placed within containment areas which will maintain entire contents of materials stored within them.
2. Housekeeping concerns with regards to fluids leaking from equipment.
 - * Policies and procedures have been implemented to assure that drip pans and containment vessels are utilized to prevent ground contamination.
3. Batteries, spent aerosol cans accumulating around facility.
 - * All spent aerosol cans, used containers, batteries have been removed from facility and disposed of properly, including the implementation of policies and procedures governing the disposal of such items.
4. Drums and containers unlabeled and improperly stored.
 - * As addressed in response to item (1), all drums and storage containers are held within a containment which will maintain the contents of the container, and all storage containers are properly labeled as to their contents.
5. Hydrocarbon impregnated water from equipment cleaning process contaminating surrounding soil.
 - * Plans are in process to install a sump systems to trap all waste streams produced during cleaning of equipment. This will include disposal of waste in a manner that is appropriate to types of waste generated.

Samples were retrieved from the contaminated soil to determine the extent of the contamination. These samples were collected and tested by an environmental laboratory to assure accuracy. Testing performed included TPH, and BTEX of the areas indicated within the photos received. This soil shall be removed and properly disposed of.

Charles E. Bishop



Envirotek Corporation

**Guardian Wellhead Protection
5606 Carlsbad Highway
Hobbs, New Mexico 88240**

September 26, 2005

Contingency Plan

Facility description:

Tract One-The Northwest Quarter of the Southwest Quarter of the Southeast Quarter of the Southwest Quarter (NW/4SW/4SE/4SW/4) of Section 36, Township 18 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

Tract Two-The East 180 feet of the North 230 feet of the Southwest Quarter of the Southwest Quarter of the Southeast Quarter of the Southwest Quarter (SW/4SW/4SE/4SW/4) of Section 36, Township 18 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

This document stands as the most recent contingency plan developed for the Hobbs, NM facility thus described above to date. The over-all purpose is to minimize the impact potential of any release of product or residue through the establishment of an orchestrated response to said release. The procedures contained within this document shall be adhered to without regard of magnitude; until, severity may be established via site assessment.

All internal, as well as outside parties performing any functions within the above mentioned facility, shall execute every effort feasible to control, and or minimize any contained product, or waste stream from said activity to within specified parameters in order to achieve zero ground contamination.

All containers of products which may have the ability to create adverse effects to the environment or humanity shall be stored and used in such a manner as to prevent any release of said product.

In the event of a release of any product which may have the ability to create adverse effects to the environment or humanity it is demanded that notification of the spill be forthright and hasteful.

The following protocol shall be followed when reporting such events.

- A. Implement actions toward containment of the product to minimize the scale of the impact**
- B. Notify authoritative personnel as listed below.**
- C. Provide as much information as is available with regards to; *time of the Incident, Identification of product, magnitude of release, location of the release, potential impact, techniques utilized to contain the product.***

The following notification list shall be utilized:

- | | |
|--|--|
| 1. Shannon Hunt
General Manager
6907 E Commerce St.
Odessa, TX 79762 | Office Number: 432 368-5449
Cell Number: 432 528-7780 |
| 2. Jesse Nunez
5606 Carlsbad Hwy
Hobbs, NM 88240 | Cell Number: 505 390-7697 |
| 3. Charles Bishop
Envirotek Corp.
6415 W. University
Odessa, TX 79763 | Office Number: 432 530-2860
Cell Number: 432 661-3633 |

The following emergency notification list shall be utilized:

- | | |
|---|--------------|
| 1. Emergency Management Safety
Hobbs, NM | 505 397-9231 |
| 2. Fire Department/Ambulance
Hobbs, NM | 505 397-9308 |
| 3. Hobbs Police Department
Hobbs, NM | 505 397-9265 |

Management will contact appropriate regulatory agencies utilizing the following numbers.

State of New Mexico Energy Minerals and Natural Resources Oil Conservation Division District 1 1625 French Dr. Hobbs, NM 88240	Office Number: 505 393-6161 Emrgncy Number: 505 370-7106 (pgr)
---	---

Prepared by: Envirotek Corporation
PO Box 12973
Odessa, TX 79768
432 530-3217

*Mobile Analytical Laboratories, Inc.*

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM

Billing Address: P.O. BOX 69210 • ODESSA, TEXAS 79769-0210

Shipping Address: 2800 WESTOVER STREET • ODESSA, TEXAS 79764

PHONE (432) 337-4744

FAX (432) 337-8781

MR. CHARLES BISHOP
ENVIROTEK CORP.
P.O. BOX 12973
ODESSA, TEXAS 79768

SEPTEMBER 29, 2005

DEAR MR. BISHOP:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
TOTAL PETROLEUM HYDROCARBONS, SAMPLED 09/22/05, RECEIVED
09/23/05, LAB NOS. 1896-1899:

GUARDIAN YARD NM**TOTAL PETROLEUM
HYDROCARBONS**

	mg/Kg	wt%
LAB NO. 1896: NW SIDE N. END #9 5:46 PM	41,602	4.1602
LAB NO. 1897: NW SIDE N. END #10 5:45 PM	250	0.0250
LAB NO. 1898: NE PAD NE CORNER #11 5:58 PM	130	0.0130
LAB NO. 1899: N. PAD N. CORNER #BG1A 5:52 PM	500	0.0500

TEST METHOD: TPH 418.1

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

*Mobile Analytical Laboratories, Inc.*

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM

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MR. CHARLES BISHOP
ENVIROTEK CORP.
P.O. BOX 12973
ODESSA, TEXAS 79768

SEPTEMBER 29, 2005

DEAR MR. BISHOP:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
BTEx, SAMPLED 09/22/05, RECEIVED 09/23/05, LAB NOS. 1896-1899:

GUARDIAN YARD NM	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL BENZENE mg/Kg	XYLENES mg/Kg
LAB NO. 1896: NW SIDE N. END #9 5:46 PM	< 0.025	0.032	< 0.025	< 0.025
LAB NO. 1897: NW SIDE N. END #10 5:45 PM	< 0.025	0.034	< 0.025	0.027
LAB NO. 1898: NE PAD NE CORNER #11 5:58 PM	< 0.025	< 0.025	< 0.025	< 0.025
LAB NO. 1899: N. PAD N. CORNER #BG1A 5:52 PM	< 0.025	< 0.025	< 0.025	< 0.025

NOTE: RESULTS ARE FROM ANOTHER LABORATORY.

< = LESS THAN

SAMPLE MATRIX: SOIL

METHODS: SW 846-8021B, 5030C

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

February 10, 2005



NW SIDE
N END BLDG

Guardian Wellhead Protection, Inc.

February 10, 2005



NE CORNER
NEEDS AD

Guardian Wellhead Protection, Inc.

*Mobile Analytical Laboratories, Inc.*

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM

Billing Address: P.O. BOX 89210 • ODESSA, TEXAS 79769-0210

Shipping Address: 2800 WESTOVER STREET • ODESSA, TEXAS 79764

PHONE (432) 337-4744

FAX (432) 337-8781

MR. CHARLES BISHOP
ENVIROTEK CORP.
P.O. BOX 12973
ODESSA, TEXAS 79768

SEPTEMBER 29, 2005

DEAR MR. BISHOP:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
TOTAL PETROLEUM HYDROCARBONS, SAMPLED 09/22/05, RECEIVED
09/23/05, LAB NOS. 1892-1895:

GUARDIAN YARD NM

TOTAL PETROLEUM
HYDROCARBONS

	mg/Kg	wt%
LAB NO. 1892: N. PAD NW CORNER #5 5:49 PM	13,647	1.3647
LAB NO. 1893: N. PAD NW CORNER #6 5:48 PM	28,242	2.8242
LAB NO. 1894: N. PAD NW CORNER #7 5:47 PM	45	0.0045
LAB NO. 1895: N. PAD NW CORNER #8 5:46 PM	1,560	0.1560

TEST METHOD: TPH 418.1

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

*Mobile Analytical Laboratories, Inc.*

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM

Billing Address: P.O. BOX 68210 • ODESSA, TEXAS 79769-0210

Shipping Address: 2800 WESTOVER STREET • ODESSA, TEXAS 79764

PHONE (432) 337-4744

FAX (432) 337-8781

MR. CHARLES BISHOP
ENVIROTEK CORP.
P.O. BOX 12973
ODESSA, TEXAS 79769

SEPTEMBER 29, 2005

DEAR MR. BISHOP:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
BTEx, SAMPLED 09/22/05, RECEIVED 09/23/05, LAB NOS. 1892-1895:

GUARDIAN YARD NM	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL BENZENE mg/Kg	XYLENES mg/Kg
LAB NO. 1892: N. PAD NW CORNER #5 5:49 PM	0.056	0.118	0.032	0.116
LAB NO. 1893: N. PAD NW CORNER #6 5:48 PM	0.112	0.173	0.054	0.143
LAB NO. 1894: N. PAD NW CORNER #7 5:47 PM	< 0.025	< 0.025	< 0.025	< 0.025
LAB NO. 1895: N. PAD NW CORNER #8 5:46 PM	0.025	0.093	< 0.025	0.053

NOTE: RESULTS ARE FROM ANOTHER LABORATORY.

< = LESS THAN

SAMPLE MATRIX: SOIL

METHODS: SW 846-8021B, 5030C

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

*Mobile Analytical Laboratories, Inc.*

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM

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Shipping Address: 2800 WESTOVER STREET • ODESSA, TEXAS 79764

PHONE (432) 337-4744

FAX (432) 337-8781

MR. CHARLES BISHOP
ENVIROTEK CORP.
P.O. BOX 12973
ODESSA, TEXAS 79768

SEPTEMBER 29, 2005

DEAR MR. BISHOP:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
TOTAL PETROLEUM HYDROCARBONS, SAMPLED 09/22/05, RECEIVED
09/23/05, LAB NOS. 1888-1891:

GUARDIAN YARD NM

TOTAL PETROLEUM
HYDROCARBONS

	mg/Kg	wt%
LAB NO. 1888: N. PAD NE CORNER #1 5:51 PM	15	0.0015
LAB NO. 1889: N. PAD NE CORNER #2 5:50 PM	12,687	1.2687
LAB NO. 1890: N. PAD NE CORNER #3 5:50 PM	12,570	1.2570
LAB NO. 1891: N. PAD NE CORNER #4 5:51 PM	230	0.0230

TEST METHOD: TPH 418.1

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

*Mobile Analytical Laboratories, Inc.*

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Shipping Address: 2800 WESTOVER STREET • ODESSA, TEXAS 79764

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FAX (432) 337-8781

MR. CHARLES BISHOP
ENVIROTEK CORP.
P.O. BOX 12973
ODESSA, TEXAS 79768

SEPTEMBER 29, 2005

DEAR MR. BISHOP:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
BTEX, SAMPLED 09/22/05, RECEIVED 09/23/05, LAB NOS. 1888-1891:

GUARDIAN YARD NM	BENZENE mg/Kg	TOLUENE mg/Kg	ETHYL BENZENE mg/Kg	XYLENES mg/Kg
LAB NO. 1888: N. PAD NE CORNER #1 5:51 PM	< 0.025	< 0.025	< 0.025	< 0.025
LAB NO. 1889: N. PAD NE CORNER #2 5:50 PM	0.071	0.170	0.041	0.132
LAB NO. 1890: N. PAD NE CORNER #3 5:50 PM	0.062	0.108	< 0.025	0.034
LAB NO. 1891: N. PAD NE CORNER #4 5:51 PM	< 0.025	< 0.025	< 0.025	< 0.025

NOTE: RESULTS ARE FROM ANOTHER LABORATORY.

< = LESS THAN

SAMPLE MATRIX: SOIL

METHODS: SW 846-8021B, 5030C

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

Guardian Wellhead Protection, Inc.
February 10, 2005



NE CORNER
N PAD



Guardian Wellhead Protection, Inc.

**ADAMS CHEMICAL & EQUIPMENT CO., INC.**

No. 12 Industrial Circle Drive
Odessa, Texas 79761
Phone 915-337-8942
FAX 915-337-1491

11-17-1999

GUARDIAN
HOBBS N.M. FACILITY
ATTN: SHANNON

THE FOLLOWING OPTIONS ARE AVAILABLE FOR THE HOBBS FACILITIES
WASH BAY. ALL OPTIONS ARE DEPENDENT ON COUNTY AND/OR BLM APPROVAL;

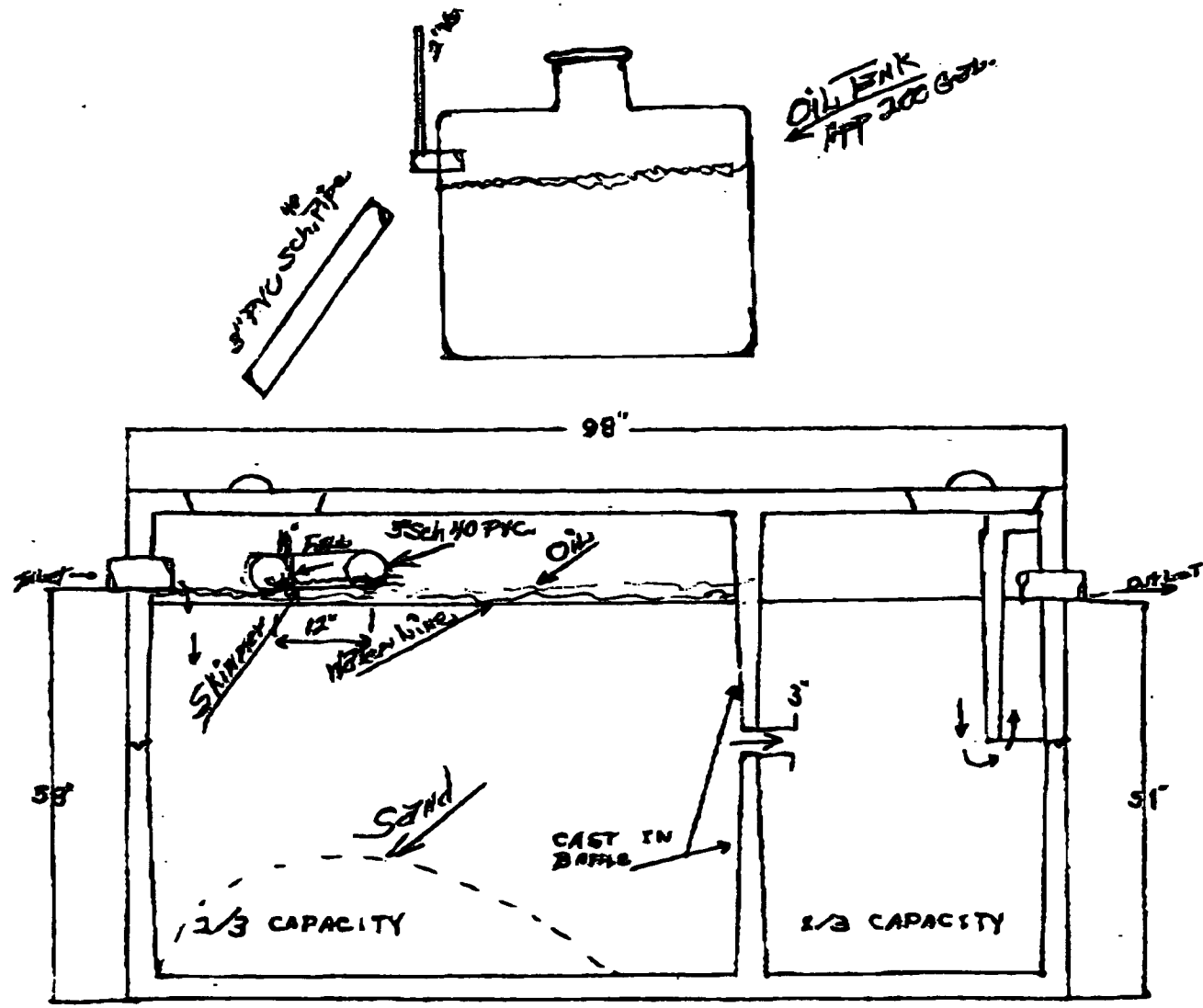
OPTION A) BUILD WASH PAD TO DESIRED WIDTH AND LENGTH INSTALLING A
WATER SAND TRAP AS SHOWN IN DIAGRAM AND INJECTING TO LEECH FIELD.
WASH BAY WILL HAVE ROLLED ENDS AND SIDE WALLS TO CONTAIN WATER FROM
MACHINE AND OR RAIN.

OPTION B) SAME SPECS ON OIL AND SAND TRAP EXCLUDING LEECH FIELD.
THIS ONE WOULD BE SETTING A WATER HOLDING TANK, WITH SUMP PUMP IN
CLEAN WATER SIDE OF SUMP ALLOWING YOU TO PUMP INTO HOLDING TANK FOR
EVAPORATION OR DISPOSAL BY LICENSED DISPOSAL COMPANY. IN ADDITION
YOU WOULD HAVE TO BUILD A CONTAINMENT WALL AROUND HOLDING TANK IN
CASE OF LEAK.

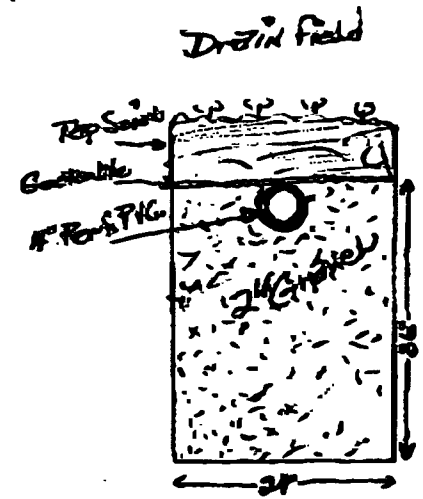
OPTION C) THIS OPTION WOULD BE TO INSTALL A CLOSED LOOP WATER
RECIRCULATOR. WITH THIS WE WOULD NEED A 3X3 PIT INSTALLED AT WASH
BAY. WATER WOULD BE PULLED FROM PIT AND PUT THREW (2) 650 GALLON
CONE BOTTOM CLARIFIER TANKS. BOTH OF THESE TANKS ARE ABOVE GROUND.
ONE TANK WOULD HAVE OIL COALESCING GRIDS FOR OIL WATER SEPERATION AND
SOLID TO THE BOTTOM OF TANKS. WATER THEN WOULD BE PUT THROUGH FILTER
PACK AND THEN BACK TO WASHER. THIS UNIT IS A BIOSYSTEM WHERE WE
INJECT OIL EATING ENZYMES INTO SYSTEM. THE GOOD THING IN THIS OPTION
IS ALL EQUIPMENT IS ABOVE GROUND SO IF THERE IS EVER A LEAK, WE CAN
ADDRESS IT IMMEDIATELY.

THANK YOU,


STEVE GREENHILL
OWNER



1000 GAL. OIL TRAP & SAND TRAP



leach line 2' x 3' x 50' = 300 sq ft


**ARDINAL
LABORATORIES**

PHONE (915) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

**ANALYTICAL RESULTS FOR
GUARDIAN WELLHEAD
ATTN: LARRY RACKLEY
5606 CARLSBAD HWY.
HOBBS, NM 88240
FAX TO: (915) 388-0750**

**Receiving Date: 11/23/99
Reporting Date: 11/30/99
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN**

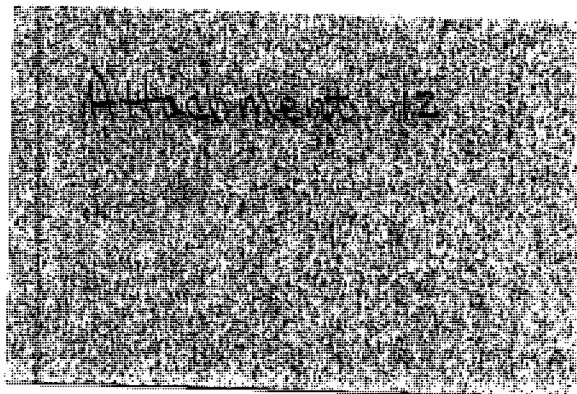
**Sampling Date: 11/22/99
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC**

LAB NO.	SAMPLE ID	TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		11/24/99	11/24/99	11/24/99	11/24/99	11/24/99
H4473-1	TEST WELL	140	<0.002	<0.002	<0.002	<0.006
Quality Control		231	0.088	0.097	0.100	0.307
True Value QC		240	0.100	0.100	0.100	0.300
% Recovery		96.3	88.4	97.3	100	102
Relative Percent Difference		2.9	0.8	4.0	10.6	11.4

METHODS: TRPHC - EPA 600/4-79-020, 418.1; BTEX - EPA SW-846 8260

Bureau of the
Chemist

11/30/99
Date



H4473.XLS

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 whatsoever 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(915) 673-7001 Fax (915) 673-7020 (505) 393-2328 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page ____ of ____

Company Name: Guardian WELLHEAD
Project Manager: Larry Rackley
Address: 5606 E Carlsbad Hwy
City: Hobbs State: NM Zip: _____
Phone #: 915-368-5449
Fax #: 0750
Project #: _____ Project Owner: _____
Project Name: _____
Project Location: _____

PO #: 211
Company: Guardian
Attn: _____
Address: P.O. Box 13188
City: Odessa
State: TX Zip: 79768
Phone #: 915-368-5449
Fax #: 0750

ANALYSIS REQUEST

FOR LAB USE ONLY

LAB I.D.

Sample I.D.

(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRES.			SAMPLING	
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID:	ICE/COOL	OTHER:	DATE	TIME
				X								

1 TEX, TPH

PLEASE NOTE: Liability and Damages. Cardinal's liability and that of its employee(s) for any claims arising out of or related to the performance of its services, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, or successors arising out of or related to the performance of its services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and other causes, 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 damages or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, or successors arising out of or related to the performance of its services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Relinquished By: _____
Delivered By: (Circle One)
Sampler - UPS - Bus - Other: _____

Date: _____ Received By: _____
Time: _____
Date: 11/23/01 Received By: (Lab Staff) Bursey
Time: 9:20 AM
Sample Condition: _____
Cool Intact: _____
☐ Yes ☒ No ☐ Yes ☒ No
CHECKED BY: _____
(Initials)

Phone Result ☐ Yes ☐ No Additional Fax #: _____
Fax Result: ☐ Yes ☐ No
REMARKS: _____

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

No. 5809 P. 25/30
HOLLIMANN LYON PATTERSON DURELL
Oct. 4, 2005 10:28 AM

**NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**

GENERAL CONDITIONS OF APPROVAL (A thru I)

- A The maximum amount of water that may be appropriated under this permit is 3 acre-feet in any year.
- B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with Section 72-12-12 New Mexico Statutes Annotated. A licensed driller shall not be required for the construction of a driven well; provided, that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter (Section 72-12-12).
- C Driller's well record must be filed with the State Engineer within 10 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- D The casing shall not exceed 7 inches outside diameter except under specific conditions in which reasons satisfactory to the State Engineer are shown.
- E If the well under this permit is used at any time to serve more than one household or livestock in a commercial feed lot operation, or for drinking and sanitation purposes in conjunction with a commercial operation, the permittee shall notify the State Engineer Office in writing.
- F In the event this well is combined with other wells permitted under Section 72-12-1 New Mexico Statutes Annotated, the total outdoor use shall not exceed the irrigation of one acre of non-commercial trees, lawn, and garden, or the equivalent outside consumptive use, and the total appropriation for household and outdoor use from the entire water distribution system shall not exceed 3 acre-feet in any year.
- G If artesian water is encountered, all rules and regulations pertaining to the drilling and casing of artesian wells shall be complied with.
- H The amount and uses of water permitted under this Application are subject to such limitations as may be imposed by the courts or by lawful municipal and county ordinances which are more restrictive than applicable State Engineer Regulations and the conditions of this permit.

**NEW MEXICO STATE ENGINEER OFFICE
APPLICATION FOR PERMIT TO USE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES**

GENERAL CONDITIONS OF APPROVAL (Continued)

- I The permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

SPECIFIC CONDITIONS OF APPROVAL

- 1B Depth of the well shall not exceed the thickness of the Ogallala formation.
- 5C A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water; pumping records shall be submitted to the District Supervisor for each calendar year on or before the 10th day of January of the following year.
- LOG This permit will automatically expire unless the well L 11011 is completed and the well record filed on or before 11/17/2000.

ACTION OF STATE ENGINEER

This application is approved for the use indicated, subject to all general conditions and to specific conditions listed above.

Witness my hand and seal this 18 day of Nov A.D., 1999

Thomas C. Turney, State Engineer

By: Johnny R. Hernandez

2,09488
5.

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION TO APPROPRIATE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

1. APPLICANT

Name: Guardian Wellhead Work Phone: 915-368-5449
 Contact: Murray Erickson Home Phone: 915-366-8425
 Address: 6907 E Commerce Officer Erickson
1250 E. Benaville
 City: Odessa State: TX Zip: 79762

2. LOCATION OF WELL (E thru H optional)

A. NW 1/4 SW 1/4 SE/SW 1/4 Section: 36 Township: 18 S Range: 37 E N.M.P.M.
 in Lea County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System
 _____ Zone in the _____ Grant.
 U.S.G.S. Quad Map _____

C. Give State Engineer File Number if existing well: _____

D. On land owned by: Applicant

E. Tract No. _____, Map No. _____ of the _____

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the
 _____ Subdivision recorded in _____ County.

G. Latitude: _____ Longitude: _____

H. Other: 5606 Careabad Hwy

3. USE OF WATER (check use applied for)

____ One household, non-commercial trees, lawn and garden not to exceed a total of one acre.

____ Livestock watering.

Note: If any of the following items are marked, give the name and nature of business or use under item 5 of the additional statements or explanations section:

____ More than one household, non-commercial trees, lawns and gardens not to exceed a total of one acre.

☒ Drinking and sanitary purposes and the irrigation of non-commercial trees, shrubs and lawns not to exceed one acre in conjunction with a commercial operation.

____ Prospecting, mining or drilling operations to discover or develop natural resources.

____ Construction of public works, highways and roads.

Trn Desc: _____
 Log Due Date: _____
 Form: WR-01

File Number: L-11,011
 Trn Number: 169730

NEW MEXICO STATE ENGINEER OFFICE
APPLICATION TO APPROPRIATE UNDERGROUND WATERS
IN ACCORDANCE WITH SECTION 72-12-1 NEW MEXICO STATUTES

4. WELL INFORMATION (Change, Repair, Drill, Test, Supplement)

Name of well driller and driller license number:

Erickson Drilling 1044 & 1332

Approximate depth 150 feet; Outside diameter of casing 5 3/4 inches.

☐ Change Location of existing well or replacement well

☐ Repair or Deepen:

☐ Clean out well to original depth

☐ Deepen well from to feet

☐ Other

☐ Drill and test a well for use.

☐ Supplemental well

5. ADDITIONAL STATEMENTS OR EXPLANATIONS:

ACKNOWLEDGEMENT FOR NATURAL PERSONS

I, Murray Erickson affirm that the foregoing statements are true to
(Please Print)

the best of my knowledge and belief, By: _____

Murray Erickson
Signature

Signature



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

September 15, 2005

This is a directive to notify that I, Mark Fesmire, will be out of the office from September 16 through 23, 2005.

During my absence, Daniel Sanchez is hereby given authority to sign all OCD documents requiring my signature.

A handwritten signature in black ink, appearing to read "Mark E. Fesmire".

Mark E. Fesmire, PE
Director



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

November 17, 2000

David Crader
Guardian Wellhead
710 E. Llano Dr.
Hobbs, NM 88240

Re: Hobbs, NM Facility located at 5606 Carlsbad HWY.

Dear Sir:

Per your request please find enclosed a copy of a typical discharge plan permit for your use, Jack Ford of our office has requested me to forward this to you. Also, enclosed is a copy of the analytical results from your newly constructed water well on site. The results show this water to be contaminated and exceeds the New Mexico Water Quality Control Commission Regulations for Chlorides, Fluoride, and Total Dissolved Solids.

The OCD recommends that you **do not use this water as a source of drinking water.** OCD also recognizes you are a new tenant and the groundwater contamination in this area pre-dates your occupancy.

If you have any questions please call Jack Ford at 505-827-7156.

Sincerely;

A handwritten signature in black ink, appearing to read "Wayne Price-Pet".

Wayne Price-Pet. Engr. Spec.

Cc: OCD Hobbs Office
Jack Ford

Attachments-2



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

August 7, 2000

Lori Wrotenbery

Director

Oil Conservation Division

CERTIFIED MAIL

RETURN RECEIPT NO. 5050 9863

Mr. Murray A. Erickson
Guardian Wellhead Protection, Inc.
P.O. Box 13188
Odessa, Texas 79768

RE: DISCHARGE PLAN REQUIREMENT
Guardian Wellhead Protection, Inc.
Hobbs Service Facility
Lea County, New Mexico

Dear Mr. Erickson:

Under the provisions of the New Mexico Water Quality Control Commission (WQCC) Regulations, Guardian Wellhead Protection, Inc. is hereby notified that the filing of a discharge plan is required for the Guardian Wellhead Protection, Inc. Hobbs Service Facility located at 5606 Carlsbad Highway, Hobbs, Lea County, New Mexico:

This notification of discharge plan requirement is pursuant to Part 3104 and Part 3106 of the WQCC Regulations. The discharge plan, defined in Part 1101.N. of the WQCC Regulations, should cover all discharges of effluent or leachate at the facility or adjacent to the facility site. Included in the application should be plans for controlling spills and accidental discharges at the facility (including detection of leaks in below grade sumps, buried underground process tanks and/or piping), and closure plans for any pits or ponds whose use will be discontinued.

Enclosed is an application form for the above named facility. Two copies of your discharge plan application should be submitted to the OCD Santa Fe Office and one copy to the Hobbs District Office for review purposes.

Mr. Murray A. Erickson
August 7, 2000
Page 2

Section 3106 of the regulations requires a submittal of the discharge plan within 120 days of receipt of this notice unless an extension of this time period is sought and approved for good cause. Part 3106 also allows the discharge to continue without an approved discharge plan until 240 days after written notification by the Director of the OCD that a discharge plan is required. An extension of this time may be sought and approved for good cause.

Pursuant to the New Mexico Water Quality Control Commission (WQCC) Regulation 3114 "every billable facility submitting a discharge plan for approval, modification or renewal shall pay the fees specified in this section to the Water Quality Management Fund". WQCC Rule 3114 became effective as of August 18, 1991, and is found on page 38 of the WQCC Rules and Regulations.

Every billable facility submitting a new discharge plan will be assessed a fee equal to the filing fee plus either a flat fee or discharge fee. The filing fee is fifty (\$50) dollars and shall be submitted with the discharge plan application (nonrefundable). The remainder of the "total fee" for oil field service companies falls under the "flat fee" category. The flat fee for this type of facility is \$1,380.00 and is payable at the time of approval of the discharge plan. Please submit all checks to the OCD Santa Fe office and payable to the **NMED - Water Quality Management**.

If there are any questions on this matter, please feel free to contact Mr. W. Jack Ford at (505) 827-7156 as he is assigned responsibility for review of service facility discharge plans.

Sincerely,



Roger C. Anderson
Oil Conservation Division

xc: OCD Hobbs District Office

LAW OFFICES OF
GARY DON REAGAN, P.A.
a professional association
(505) 397-6551 Telephone
(505) 393-2252 FAX

GARY DON REAGAN
MARK TERRENCE SÁNCHEZ

email: lgldregan@nm.net
website: <http://www.lawyers.com/garydonreagan>
P.O. Box 770
HOBBS, NEW MEXICO 88241-0770
1819 North Turner, Suite G
HOBBS, NEW MEXICO 88240-3834

July 14, 2000

Ms. Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
2040 South Pacheco Street
Santa Fe, New Mexico 87505

**By Facsimile Machine
and First-Class Mail**

Re: Guardian Wellhead Protection, Inc.
1306 West Broadway Facility
Lea County, New Mexico

Dear Ms. Wrotenbery:

This letter constitutes a response to your request for a workplan in your letter dated May 4, 2000, and enclosure thereto addressed to Guardian Wellhead Protection, Inc. ("Guardian" hereinafter).

As you may know, Guardian by leasehold formerly occupied premises located at 1305 West Broadway. Relations between Guardian and the previous owner of the premises were satisfactory and marked by cooperation; however, the previous owner recently died. Since the owner's death, Guardian has dealt with Rick and Penny McCart, alleged heirs of the previous owner. Guardian's relations with the heirs have not been marked with the same cooperation that Guardian enjoyed with the previous owner; in fact, relations between Guardian and Rick and Penny McCart have been somewhat hostile. The hostility likely arises from disputes over payment of rent, continued occupancy, Guardian's refusal to purchase the property, and differences of opinion regarding ownership of personal property. Guardian believes that representatives Rick and Penny McCart have made allegations of unlawful discharges on the part of Guardian to representatives of the Oil Conservation Commission. Guardian believes that if such reports have been made, it may enhance the view of the Oil Conservation Commission for it to know the circumstances surrounding such allegations. It is for this reason that we describe the hostility between Guardian and the persons who we believe were the initial complainants.

Ms. Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
July 14, 2000
Page 2

**THE WORKPLAN SHOULD BE CONDITIONED ON A FINDING
THAT SUBSTANCES WERE DISCHARGED INTO IT BY GUARDIAN**

We believe that proceeding with the workplan should be conditioned on a determination that there has been a discharge by Guardian. By this statement, Guardian means that a workplan should be required only if it can be shown that Guardian released substances into the Class V well mentioned in your correspondence of May 4, 2000, and April 10, 2000. Among the facts discovered in the investigation undertaken by the Oil Conservation Commission should be (1) that the Class V well was in existence at 1306 West Broadway before Guardian took possession of the premises, (2) that the Class V well had apparently been used by an occupant of the premises before Guardian's occupancy, (3) that liquids were present in the Class V well when Guardian took possession of the premises, (4) that Guardian did not use the Class V well during its occupation of the premises, and (5) that, owing to a foul odor coming from the Class V well, Guardian had the Class V well drained and its contents disposed of by an environmental contractor. If these facts had not been discovered by the investigation undertaken by the Oil Conservation Commission, they are asserted as facts now and are verified as true pursuant to a signature of an officer of Guardian below.

**THE ELEMENTS OF A PROPOSED PLAN ARE SET FORTH
EVEN THOUGH A WORKPLAN SHOULD NOT BE REQUIRED**

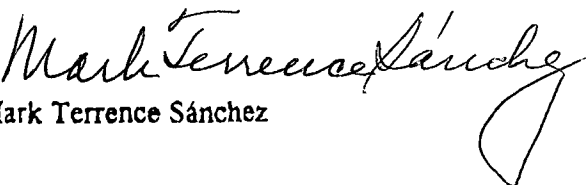
Again, a workplan should not be required because Guardian discharged nothing into the Class V well. However, in the event that the Oil Conservation Commission finds that Guardian should submit a workplan, the workplan should seek to discover the following facts: (1) identification of the contaminating substances, if any, in the Class V well, (2) identification of the substances, if any, used by Guardian in its day-to-day operations, (3) identification of the substances used by the previous land owner, by previous operators, or by the predecessors of Guardian, (4) the structure of the Class V well and system, and (5) whether the system is self-contained. (If the system is self-contained, it is less likely that contamination has occurred.) To this end Guardian offers to cooperate with the Oil Conservation Commission in identifying its operations and the substances used by it in its operations. Guardian requests that the Oil Conservation Commission request the other information, as well as access to the Class V well, from Rick and Penny McCart.

I will appreciate an acknowledgment that you have received this correspondence and look forward to your response to the correspondence.

Ms. Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
July 14, 2000
Page 3

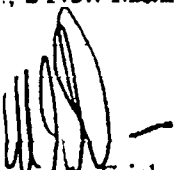
Very truly yours,

GARY DON REAGAN, P.A.

by 
Mark Terrence Sánchez

THE FACTS IN THE LETTER ARE TRUE:

GUARDIAN WELLHEAD PROTECTION,
INC., a New Mexico corporation

by 
Murray A. Erickson
Its President

MTS:mp



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (806) 383-2338 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
GUARDIAN WELLHEAD
ATTN: LARRY RACKLEY
5606 CARLSBAD HWY.
HOBBS, NM 88240
FAX TO: (915) 368-0750

Receiving Date: 11/23/99
Reporting Date: 11/30/99
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/22/99
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NO.	SAMPLE ID	TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		11/24/99	11/24/99	11/24/99	11/24/99	11/24/99
H4473-1	TEST WELL	140	<0.002	<0.002	<0.002	<0.006
Quality Control		231	0.088	0.097	0.100	0.307
True Value QC		240	0.100	0.100	0.100	0.300
% Recovery		96.3	88.4	97.3	100	102
Relative Percent Difference		2.9	0.8	4.0	10.6	11.4

METHODS: TRPHC - EPA 600/4-70-020, 418.1; BTEX - EPA 8W-846 8200

Buray H. P. P.
Chemist

11/30/99
Date

H4473.XLS

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 whatsoever shall be deemed waived unless made in writing and submitted by Cardinal within thirty (30) days after completion of the appropriate 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



Sampling Date: 11/22/99
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

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 whatsoever 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

152328

Page 1 of 1

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

A0082865

Company Name: New Mexico Oil Conservation Division

Phone #: (505) 827-7155

Address: (Street, City, Zip) 7040 S. Pacheco, Santa Fe, NM 87505

Fax #: (505) 827-8177

Contact Person: Wayne Price

Invoice to: (If different from above) same

Project #: Project Name: Guardian

Project Location: Water Well

Sampler Signature:

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba	TCLP Metals Ag As Ba	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC-MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	ICD metals	ICD Gen. Chem.	Turn Around Time if different	Hold	
				WATER	SOIL	AIR	SLUDGE	HCL	HNO3	NaHSO4	H2SO4	NaOH	ICE	NONE	DATE																				TIME
152328	0008250915 (Guardian)	2	40ml	✓				✓					✓		8/25/00	0915										2									
	0008250915 (Guardian)	1	1 liter	✓									✓		8/25/00	0915										1									
	0008250915 (Guardian)	1	1 liter	✓									✓		8/25/00	0915																			
	0008250915 (Guardian)	1	500ml	✓						✓			✓		8/25/00	0915														1		1			
																										</									

Relinquished by: Wayne Price 8/25/00 10:30 AM

Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received by: Date: Time:

Relinquished by: Date: Time:

Received at Laboratory by: Date: Time:

Jennifer Schmidt 8/26 0930

LAB USE ONLY

Intact Y / N

Headspace Y / N

Temp 4 °

Log-in Review MB

REMARKS:

Carrier # Bus 902 439 label 2

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

Page ____ of ____

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A00082902

Company Name: Oil Conservation Division Phone #: (505) 393-6161 x... 113

Address: (Street, City, Zip) Fax #:
1625 N. French Dr. Hobbs, NM 88240 Fax: 505-893-0720

Contact Person: Donna Williams

Invoice to:
(if different from above) WAYNE PRICE 2040 S. Pacheco Santa Fe NM 87505

Project #: _____ Project Name: J. R. Cone

Project Location: Eubank Battery

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

Relinquished by: D Williams Date: 08-28-00 Time: 4:00 p.m.

Relinquished by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____

Received by:	Date:	Time:
--------------	-------	-------

Received by: _____ Date: _____ Time: _____

Received at Laboratory by: _____ Date: _____ Time: _____

LAB USE ONLY

Intact Y / NHeadspace Y / N

Temp 46 °

Log-in Review *ms*

REMARKS:

9/13

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

Carrier # FAU Mtd 902-439-621-0

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424 800•378•1296
El Paso, Texas 79922 888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
915•585•3443 FAX 915•585•4944

ANALYTICAL RESULTS FOR
OCD
Attention: Wayne Price
2040 S. Pacheco
Santa Fe, NM 87505

September 08, 2000
Receiving Date: 08/26/2000
Sample Type: Water
Project No: NA
Project Location: Water Well

5606 CARLSBAD HWY
HOBBS, NM

Order ID Number: A00082805
Prep Date: 08/30/2000
Analysis Date: 09/07/2000
Sampling Date: 08/25/2000
Sample Condition: Intact & Cool
Sample Received by: JS
Project Name: Guardian

TA#	FIELD CODE	TOTAL Si (mg/L)
T152328	0008250915 (Guardian)	19
ICV		2.55
CCV		2.57
LCS		1.05
LCSD		1.03
MS		20.1
MSD		19.8
METHOD BLANK		<0.20
REPORTING LIMIT		0.20
RPD		2
% Extraction Accuracy		110
% Instrument Accuracy		103

METHODS: EPA SW 846-3010A, 6010B.
CHEMIST: RR
TOTAL Si SPIKE: 1.0 mg/L TOTAL Si.
TOTAL Si CV: 2.5 mg/L TOTAL Si.


Director, Dr. Blair Leftwich

9-8-00
DATE



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Wayne Price
OCD
2040 S. Pacheco
Santa Fe, NM 87505

Report Date: September 11, 2000

Order ID Number: A00082805

Project Number: N/A
Project Name: Guardian
Project Location: Water Well

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
152328	0008250915 (Guardian)	Water	8/25/00	9:15	8/26/00

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.

This report consists of a total of 23 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director

Analytical and Quality Control Report

Sample: 152328 - 0008250915 (Guardian)

Analysis: 8260	Analytical Method: S 8260B	QC Batch: QC04517	Date Analyzed: 8/28/00
Analyst: JG	Preparation Method: E 5030B	Prep Batch: PB03939	Date Prepared: 8/28/00

Param	Flag	Result	Units	Dilution	RDL
Bromochloromethane		<2.00	µg/L	1	2
Dichlorodifluoromethane		<2.00	µg/L	1	2
Chloromethane (methyl chloride)		<2.00	µg/L	1	2
Vinyl Chloride		<2.00	µg/L	1	2
Bromomethane (methyl bromide)		<5.00	µg/L	1	5
Chloroethane		<2.00	µg/L	1	2
Trichlorofluoromethane		<2.00	µg/L	1	2
Vinyl acetate		<2.00	µg/L	1	10
Acrolein		<2.00	µg/L	1	20
Acetone		<10.00	µg/L	1	10
Iodomethane (methyl iodide)		<2.00	µg/L	1	2
Carbon Disulfide		<2.00	µg/L	1	2
Acrylonitrile		<2.00	µg/L	1	2
2-Butanone (MEK)		<2.00	µg/L	1	2
4-methyl-2-pentanone (MIBK)		<10.00	µg/L	1	10
2-hexanone		<2.00	µg/L	1	2
trans 1,4-Dichloro-2-butene		<2.00	µg/L	1	10
1,1-Dichloroethene		<2.00	µg/L	1	2
Methylene chloride		<2.00	µg/L	1	5
MTBE		<2.00	µg/L	1	2
trans-1,2-Dichloroethene		<2.00	µg/L	1	2
1,1-Dichloroethane		<2.00	µg/L	1	2
cis-1,2-dichloroethene		<2.00	µg/L	1	2
2,2-Dichloropropane		<2.00	µg/L	1	2
1,2-Dichloroethane (EDC)		<2.00	µg/L	1	2
Chloroform		<2.00	µg/L	1	2
1,1,1-Trichloroethane		<2.00	µg/L	1	2
1,1-Dichloropropene		<2.00	µg/L	1	2
Benzene		<2.00	µg/L	1	2
Carbon Tetrachloride		<2.00	µg/L	1	2
1,2-Dichloropropane		<2.00	µg/L	1	2
Trichloroethene (TCE)		<2.00	µg/L	1	2
Dibromomethane (methylene bromide)		<2.00	µg/L	1	2
Bromodichloromethane		<2.00	µg/L	1	2
2-Chloroethyl vinyl ether		<10.00	µg/L	1	10
cis-1,3-Dichloropropene		<2.00	µg/L	1	2
trans-1,3-Dichloropropene		<2.00	µg/L	1	2
Toluene		<2.00	µg/L	1	2
1,1,2-Trichloroethane		<2.00	µg/L	1	2
1,3-Dichloropropane		<2.00	µg/L	1	2
Dibromochloromethane		<2.00	µg/L	1	2
1,2-Dibromoethane (EDB)		<2.00	µg/L	1	2
Tetrachloroethene (PCE)		<2.00	µg/L	1	2
Chlorobenzene		<2.00	µg/L	1	2
1,1,1,2-Tetrachloroethane		<2.00	µg/L	1	2

Continued ...

... Continued Sample: 152328 Analysis: 8260

Param	Flag	Result	Units	Dilution	RDL
Ethylbenzene		<2.00	µg/L	1	2
m,p-Xylene		<2.00	µg/L	1	2
Bromoform		<2.00	µg/L	1	2
Styrene		<2.00	µg/L	1	2
o-Xylene		<2.00	µg/L	1	2
1,1,2,2-Tetrachloroethane		<2.00	µg/L	1	2
2-Chlorotoluene		<2.00	µg/L	1	2
1,2,3-Trichloropropane		<2.00	µg/L	1	2
Isopropylbenzene		<2.00	µg/L	1	2
Bromobenzene		<2.00	µg/L	1	2
n-Propylbenzene		<2.00	µg/L	1	2
1,3,5-Trimethylbenzene		<2.00	µg/L	1	2
tert-Butylbenzene		<2.00	µg/L	1	2
1,2,4-Trimethylbenzene		<2.00	µg/L	1	2
1,4-Dichlorobenzene (para)		<2.00	µg/L	1	2
sec-Butylbenzene		<2.00	µg/L	1	2
1,3-Dichlorobenzene		<2.00	µg/L	1	2
p-Isopropyltoluene		<2.00	µg/L	1	2
4-Chlorotoluene		<2.00	µg/L	1	2
1,2-Dichlorobenzene (ortho)		<2.00	µg/L	1	2
n-Butylbenzene		<2.00	µg/L	1	2
1,2-Dibromo-3-chloropropane		<5.00	µg/L	1	5
1,2,3-Trichlorobenzene		<5.00	µg/L	1	5
1,2,4-Trichlorobenzene		<5.00	µg/L	1	5
Naphthalene		<2.00	µg/L	1	2
Hexachlorobutadiene		<5.00	µg/L	1	5

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Dibromofluoromethane		48.93	µg/L	1	50	97	85 - 117
Toluene-d8		51.11	µg/L	1	50	102	93 - 109
4-Bromofluorobenzene		47.09	µg/L	1	50	94	76 - 109

Sample: 152328 - 0008250915 (Guardian)

Analysis: 8270 Analytical Method: S 8270C QC Batch: QC04668 Date Analyzed: 8/31/00
Analyst: MA Preparation Method: E 3510C Prep Batch: PB04066 Date Prepared: 8/30/00

Param	Flag	Result	Units	Dilution	RDL
Pyridine		<0.005	mg/L	1	0.005
n-Nitrosodimethylamine		<0.005	mg/L	1	0.005
2-Picoline		<0.005	mg/L	1	0.005
Methyl methanesulfonate		<0.005	mg/L	1	0.005
Ethyl methanesulfonate		<0.005	mg/L	1	0.005
Phenol		<0.005	mg/L	1	0.005
Aniline		<0.005	mg/L	1	0.005
bis (2-chloroethyl) ether		<0.005	mg/L	1	0.005
2-Chlorophenol		<0.005	mg/L	1	0.005
1,3-Dichlorobenzene		<0.005	mg/L	1	0.005

Continued ...

... Continued Sample: 152328 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
1,4-Dichlorobenzene		<0.005	mg/L	1	0.005
Benzyl alcohol		<0.005	mg/L	1	0.005
1,2-Dichlorobenzene		<0.005	mg/L	1	0.005
2-Methylphenol		<0.005	mg/L	1	0.005
bis (2-chloroisopropyl) ether		<0.005	mg/L	1	0.005
4-Methylphenol/3-Methylphenol		<0.005	mg/L	1	0.005
Acetophenone		<0.005	mg/L	1	0.005
n-Nitrosodi-n-propylamine		<0.005	mg/L	1	0.005
Hexachloroethane		<0.005	mg/L	1	0.005
Nitrobenzene		<0.005	mg/L	1	0.005
n-Nitrosopiperidine		<0.005	mg/L	1	0.005
Isophorone		<0.005	mg/L	1	0.005
2-Nitrophenol		<0.005	mg/L	1	0.005
2,4-Dimethylphenol		<0.005	mg/L	1	0.005
bis (2-chloroethoxy) methane		<0.005	mg/L	1	0.005
Benzoic acid		<0.005	mg/L	1	0.005
2,4-Dichlorophenol		<0.005	mg/L	1	0.005
1,2,4-Trichlorobenzene		<0.005	mg/L	1	0.005
a,a-Dimethylphenethylamine		<0.005	mg/L	1	0.005
Naphthalene		<0.005	mg/L	1	0.005
4-Chloroaniline		<0.005	mg/L	1	0.005
2,6-Dichlorophenol		<0.005	mg/L	1	0.005
Hexachlorobutadiene		<0.005	mg/L	1	0.005
n-Nitroso-di-n-butylamine		<0.005	mg/L	1	0.005
4-Chloro-3-methylphenol		<0.005	mg/L	1	0.005
1-Methylnaphthalene		<0.005	mg/L	1	0.005
2-Methylnaphthalene		<0.005	mg/L	1	0.005
1,2,4,5-Tetrachlorobenzene		<0.005	mg/L	1	0.005
Hexachlorocyclopentadiene		<0.005	mg/L	1	0.005
2,4,6-Trichlorophenol		<0.005	mg/L	1	0.005
2,4,5-Trichlorophenol		<0.005	mg/L	1	0.005
2-Chloronaphthalene		<0.005	mg/L	1	0.005
1-Chloronaphthalene		<0.005	mg/L	1	0.005
2-Nitroaniline		<0.005	mg/L	1	0.005
Dimethylphthalate		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
2,6-Dinitrotoluene		<0.005	mg/L	1	0.005
3-Nitroaniline		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
2,4-Dinitrophenol		<0.005	mg/L	1	0.005
Dibenzofuran		<0.005	mg/L	1	0.005
Pentachlorobenzene		<0.005	mg/L	1	0.005
4-Nitrophenol		<0.005	mg/L	1	0.005
1-Naphthylamine		<0.005	mg/L	1	0.005
2,4-Dinitrotoluene		<0.005	mg/L	1	0.005
2-Naphthylamine		<0.005	mg/L	1	0.005
2,3,4,6-Tetrachlorophenol		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Diethylphthalate		<0.005	mg/L	1	0.005
4-Chlorophenyl-phenylether		<0.005	mg/L	1	0.005
4-Nitroaniline		<0.005	mg/L	1	0.005

Continued ...

... Continued Sample: 152328 Analysis: 8270

Param	Flag	Result	Units	Dilution	RDL
4,6-Dinitro-2-methylphenol		<0.005	mg/L	1	0.005
Diphenylamine		<0.005	mg/L	1	0.005
Diphenylhydrazine		<0.005	mg/L	1	0.005
4-Bromophenyl-phenylether		<0.005	mg/L	1	0.005
Phenacetin		<0.005	mg/L	1	0.005
Hexachlorobenzene		<0.005	mg/L	1	0.005
4-Aminobiphenyl		<0.005	mg/L	1	0.005
Pentachlorophenol		<0.005	mg/L	1	0.005
Pentachloronitrobenzene		<0.005	mg/L	1	0.005
Pronamide		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Di-n-butylphthalate		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Benzidine		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
p-Dimethylaminoazobenzene		<0.005	mg/L	1	0.005
Butylbenzylphthalate		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
3,3-Dichlorobenzidine		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Bis (2-ethylhexyl) phthalate		<0.005	mg/L	1	0.005
Di-n-octylphthalate		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
7,12-Dimethylbenz(a)anthracene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
3-Methylcholanthrene		<0.005	mg/L	1	0.005
Dibenzo(a,j)acridine		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
2-Fluorophenol		19.06	mg/L	1	80	23	8 - 73
Phenol-d5		12.83	mg/L	1	80	16	8 - 62
Nitrobenzene-d5		45.79	mg/L	1	80	57	44 - 109
2-Fluorobiphenyl		43.19	mg/L	1	80	53	45 - 109
2,4,6-Tribromophenol		45.46	mg/L	1	80	56	39 - 132
Terphenyl-d14		50.25	mg/L	1	80	62	46 - 121

Sample: 152328 - 0008250915 (Guardian)

Analysis: Alkalinity Analytical Method: E 310.1 QC Batch: QC04609 Date Analyzed: 9/1/00
Analyst: RS Preparation Method: N/A Prep Batch: PB04012 Date Prepared: 9/1/00

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1

Continued ...

... Continued Sample: 152328 Analysis: Alkalinity

Param	Flag	Result	Units	Dilution	RDL
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		198	mg/L as CaCo3	1	1
Total Alkalinity		198	mg/L as CaCo3	1	1

Sample: 152328 - 0008250915 (Guardian)

Analysis: Conductivity Analytical Method: SM 2510B QC Batch: QC04619 Date Analyzed: 8/29/00
Analyst: LD Preparation Method: N/A Prep Batch: PB04022 Date Prepared: 8/29/00

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		4000	uMHOS/cm	1	

Sample: 152328 - 0008250915 (Guardian)

Analysis: Dissolved Metals Analytical Method: E 200.7 QC Batch: QC04771 Date Analyzed: 9/5/00
Analyst: RR Preparation Method: E 3005A Prep Batch: PB03936 Date Prepared: 8/29/00

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		216	mg/L	1	5
Dissolved Magnesium		38	mg/L	1	5
Dissolved Potassium		<5.0	mg/L	1	5
Dissolved Sodium		476	mg/L	1	5

Sample: 152328 - 0008250915 (Guardian)

Analysis: Hg, Total Analytical Method: S 7470A QC Batch: QC04689 Date Analyzed: 8/31/00
Analyst: MS Preparation Method: N/A Prep Batch: PB04080 Date Prepared: 8/31/00

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		0.0002	mg/L	1	0.0002

Sample: 152328 - 0008250915 (Guardian)

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC04502 Date Analyzed: 8/26/00
Analyst: JS Preparation Method: N/A Prep Batch: PB03921 Date Prepared: 8/26/00

Param	Flag	Result	Units	Dilution	RDL
CL	1	1200	mg/L	1	0.50
Fluoride		2.6	mg/L	1	0.20
Nitrate-N		5.3	mg/L	1	0.20
Sulfate	2	100	mg/L	1	0.50

¹Chloride re-ran on IC090100-2.sch (PB04071; QC04678). ICV %IA = 94; CCV %IA = 97; matrix spikes RPD = 0; matrix spikes %EA = 97.

²Sulfate re-ran on IC090100-2.sch (PB04071; QC04678). ICV %IA = 95; CCV %IA = 99; matrix spikes RPD = 1; matrix spikes %EA = 97.

Sample: 152328 - 0008250915 (Guardian)

Analysis: TDS Analytical Method: E 160.1 QC Batch: QC04611 Date Analyzed: 8/31/00
Analyst: LD Preparation Method: N/A Prep Batch: PB04015 Date Prepared: 8/30/00

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids	3	2300	mg/L	1	10

Sample: 152328 - 0008250915 (Guardian)

Analysis: Total Metals Analytical Method: S 6010B QC Batch: QC04687 Date Analyzed: 8/31/00
Analyst: RR Preparation Method: E 3010A Prep Batch: PB03969 Date Prepared: 8/31/00

Param	Flag	Result	Units	Dilution	RDL
Total Aluminum		<0.10	mg/L	1	0.10
Total Arsenic		<0.10	mg/L	1	0.10
Total Barium		0.15	mg/L	1	0.10
Total Boron		0.10	mg/L	1	0.10
Total Cadmium		<0.01	mg/L	1	0.01
Total Chromium		<0.05	mg/L	1	0.05
Total Cobalt		<0.05	mg/L	1	0.05
Total Copper		<0.05	mg/L	1	0.10
Total Iron		<0.10	mg/L	1	0.10
Total Lead		<0.05	mg/L	1	0.05
Total Manganese		<0.10	mg/L	1	0.10
Total Molybdenum		<0.10	mg/L	1	0.10
Total Nickel		<0.10	mg/L	1	0.10
Total Selenium		<0.05	mg/L	1	0.05
Total Silver		<0.05	mg/L	1	0.05
Total Zinc		<0.10	mg/L	1	0.10

Quality Control Report Method Blank

Sample: Method Blank QCBatch: QC04502

Param	Flag	Results	Units	Reporting Limit
CL		<0.5	mg/L	0.50
Fluoride		<0.2	mg/L	0.20
Nitrate-N		<0.2	mg/L	0.20
Sulfate		<0.5	mg/L	0.50

Sample: Method Blank QCBatch: QC04517

³Sample ran at a x2 dilution.

Param	Flag	Results	Units	Reporting Limit
Bromochloromethane		<2.00	µg/L	2
Dichlorodifluoromethane		<2.00	µg/L	2
Chloromethane (methyl chloride)		<2.00	µg/L	2
Vinyl Chloride		<2.00	µg/L	2
Bromomethane (methyl bromide)		<5.00	µg/L	5
Chloroethane		<2.00	µg/L	2
Trichlorofluoromethane		<2.00	µg/L	2
Acetone		<10.00	µg/L	10
Iodomethane (methyl iodide)		<2.00	µg/L	2
Carbon Disulfide		<2.00	µg/L	2
Acrylonitrile		<2.00	µg/L	2
2-Butanone (MEK)		<2.00	µg/L	2
4-methyl-2-pentanone (MIBK)		<10.00	µg/L	10
2-hexanone		<2.00	µg/L	2
trans 1,4-Dichloro-2-butene		<10.00	µg/L	10
1,1-Dichloroethene		<2.00	µg/L	2
Methylene chloride		<5.00	µg/L	5
MTBE		<2.00	µg/L	2
trans-1,2-Dichloroethene		<2.00	µg/L	2
1,1-Dichloroethane		<2.00	µg/L	2
cis-1,2-dichloroethene		<2.00	µg/L	2
2,2-Dichloropropane		<2.00	µg/L	2
1,2-Dichloroethane (EDC)		<2.00	µg/L	2
Chloroform		<2.00	µg/L	2
1,1,1-Trichloroethane		<2.00	µg/L	2
1,1-Dichloropropene		<2.00	µg/L	2
Benzene		<2.00	µg/L	2
Carbon Tetrachloride		<2.00	µg/L	2
1,2-Dichloropropane		<2.00	µg/L	2
Trichloroethene (TCE)		<2.00	µg/L	2
Dibromomethane (methylene bromide)		<2.00	µg/L	2
Bromodichloromethane		<2.00	µg/L	2
2-Chloroethyl vinyl ether		<10.00	µg/L	10
cis-1,3-Dichloropropene		<2.00	µg/L	2
trans-1,3-Dichloropropene		<2.00	µg/L	2
Toluene		<2.00	µg/L	2
1,1,2-Trichloroethane		<2.00	µg/L	2
1,3-Dichloropropane		<2.00	µg/L	2
Dibromochloromethane		<2.00	µg/L	2
1,2-Dibromoethane (EDB)		<2.00	µg/L	2
Tetrachloroethene (PCE)		<2.00	µg/L	2
Chlorobenzene		<2.00	µg/L	2
1,1,1,2-Tetrachloroethane		<2.00	µg/L	2
Ethylbenzene		<2.00	µg/L	2
m,p-Xylene		<2.00	µg/L	2
Bromoform		<2.00	µg/L	2
Styrene		<2.00	µg/L	2
o-Xylene		<2.00	µg/L	2
1,1,2,2-Tetrachloroethane		<2.00	µg/L	2
2-Chlorotoluene		<2.00	µg/L	2
1,2,3-Trichloropropane		<2.00	µg/L	2

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Param	Flag	Results	Units	Reporting Limit
Isopropylbenzene		<2.00	µg/L	2
Bromobenzene		<2.00	µg/L	2
n-Propylbenzene		<2.00	µg/L	2
1,3,5-Trimethylbenzene		<2.00	µg/L	2
tert-Butylbenzene		<2.00	µg/L	2
1,2,4-Trimethylbenzene		<2.00	µg/L	2
1,4-Dichlorobenzene (para)		<2.00	µg/L	2
sec-Butylbenzene		<2.00	µg/L	2
1,3-Dichlorobenzene		<2.00	µg/L	2
p-Isopropyltoluene		<2.00	µg/L	2
4-Chlorotoluene		<2.00	µg/L	2
1,2-Dichlorobenzene (ortho)		<2.00	µg/L	2
n-Butylbenzene		<2.00	µg/L	2
1,2-Dibromo-3-chloropropane		<5.00	µg/L	5
1,2,3-Trichlorobenzene		<5.00	µg/L	5
1,2,4-Trichlorobenzene		<5.00	µg/L	5
Naphthalene		<2.00	µg/L	2
Hexachlorobutadiene		<5.00	µg/L	5

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
Dibromofluoromethane		49.00	µg/L	50	98	85 - 117
Toluene-d8		50.70	µg/L	50	101	93 - 109
4-Bromofluorobenzene		47.43	µg/L	50	94	76 - 109

Sample: Method Blank QCBatch: QC04609

Param	Flag	Results	Units	Reporting Limit
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1
Bicarbonate Alkalinity		<4.0	mg/L as CaCo3	1
Total Alkalinity		<4.0	mg/L as CaCo3	1

Sample: Method Blank QCBatch: QC04611

Param	Flag	Results	Units	Reporting Limit
Total Dissolved Solids		<10	mg/L	10

Sample: Method Blank QCBatch: QC04619

Param	Flag	Results	Units	Reporting Limit
Specific Conductance		12.2	uMHOS/cm	

Sample: Method Blank QCBatch: QC04668

Param	Flag	Results	Units	Reporting Limit
Pyridine		<0.005	mg/L	0.005
n-Nitrosodimethylamine		<0.005	mg/L	0.005
2-Picoline		<0.005	mg/L	0.005
Methyl methanesulfonate		<0.005	mg/L	0.005
Ethyl methanesulfonate		<0.005	mg/L	0.005
Phenol		<0.005	mg/L	0.005
Aniline		<0.005	mg/L	0.005
bis (2-chloroethyl) ether		<0.005	mg/L	0.005
2-Chlorophenol		<0.005	mg/L	0.005
1,3-Dichlorobenzene		<0.005	mg/L	0.005
1,4-Dichlorobenzene		<0.005	mg/L	0.005
Benzyl alcohol		<0.005	mg/L	0.005
1,2-Dichlorobenzene		<0.005	mg/L	0.005
2-Methylphenol		<0.005	mg/L	0.005
bis (2-chloroisopropyl) ether		<0.005	mg/L	0.005
4-Methylphenol/3-Methylphenol		<0.005	mg/L	0.005
Acetophenone		<0.005	mg/L	0.005
n-Nitrosodi-n-propylamine		<0.005	mg/L	0.005
Hexachloroethane		<0.005	mg/L	0.005
Nitrobenzene		<0.005	mg/L	0.005
n-Nitrosopiperidine		<0.005	mg/L	0.005
Isophorone		<0.005	mg/L	0.005
2-Nitrophenol		<0.005	mg/L	0.005
2,4-Dimethylphenol		<0.005	mg/L	0.005
bis (2-chloroethoxy) methane		<0.005	mg/L	0.005
Benzoic acid		<0.005	mg/L	0.005
2,4-Dichlorophenol		<0.005	mg/L	0.005
1,2,4-Trichlorobenzene		<0.005	mg/L	0.005
a,a-Dimethylphenethylamine		<0.005	mg/L	0.005
Naphthalene		<0.005	mg/L	0.005
4-Chloroaniline		<0.005	mg/L	0.005
2,6-Dichlorophenol		<0.005	mg/L	0.005
Hexachlorobutadiene		<0.005	mg/L	0.005
n-Nitroso-di-n-butylamine		<0.005	mg/L	0.005
4-Chloro-3-methylphenol		<0.005	mg/L	0.005
1-Methylnaphthalene		<0.005	mg/L	0.005
2-Methylnaphthalene		<0.005	mg/L	0.005
1,2,4,5-Tetrachlorobenzene		<0.005	mg/L	0.005
Hexachlorocyclopentadiene		<0.005	mg/L	0.005
2,4,6-Trichlorophenol		<0.005	mg/L	0.005
2,4,5-Trichlorophenol		<0.005	mg/L	0.005
2-Chloronaphthalene		<0.005	mg/L	0.005
1-Chloronaphthalene		<0.005	mg/L	0.005

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Param	Flag	Results	Units	Reporting Limit
2-Nitroaniline		<0.005	mg/L	0.005
Dimethylphthalate		<0.005	mg/L	0.005
Acenaphthylene		<0.005	mg/L	0.005
2,6-Dinitrotoluene		<0.005	mg/L	0.005
3-Nitroaniline		<0.005	mg/L	0.005
Acenaphthene		<0.005	mg/L	0.005
2,4-Dinitrophenol		<0.005	mg/L	0.005
Dibenzofuran		<0.005	mg/L	0.005
Pentachlorobenzene		<0.005	mg/L	0.005
4-Nitrophenol		<0.005	mg/L	0.005
1-Naphthylamine		<0.005	mg/L	0.005
2,4-Dinitrotoluene		<0.005	mg/L	0.005
2-Naphthylamine		<0.005	mg/L	0.005
2,3,4,6-Tetrachlorophenol		<0.005	mg/L	0.005
Fluorene		<0.005	mg/L	0.005
Diethylphthalate		<0.005	mg/L	0.005
4-Chlorophenyl-phenylether		<0.005	mg/L	0.005
4-Nitroaniline		<0.005	mg/L	0.005
4,6-Dinitro-2-methylphenol		<0.005	mg/L	0.005
Diphenylamine		<0.005	mg/L	0.005
Diphenylhydrazine		<0.005	mg/L	0.005
4-Bromophenyl-phenylether		<0.005	mg/L	0.005
Phenacetin		<0.005	mg/L	0.005
Hexachlorobenzene		<0.005	mg/L	0.005
4-Aminobiphenyl		<0.005	mg/L	0.005
Pentachlorophenol		<0.005	mg/L	0.005
Pentachloronitrobenzene		<0.005	mg/L	0.005
Pronamide		<0.005	mg/L	0.005
Phenanthrene		<0.005	mg/L	0.005
Anthracene		<0.005	mg/L	0.005
Di-n-butylphthalate		<0.005	mg/L	0.005
Fluoranthene		<0.005	mg/L	0.005
Benzidine		<0.005	mg/L	0.005
Pyrene		<0.005	mg/L	0.005
p-Dimethylaminoazobenzene		<0.005	mg/L	0.005
Butylbenzylphthalate		<0.005	mg/L	0.005
Benzo(a)anthracene		<0.005	mg/L	0.005
3,3-Dichlorobenzidine		<0.005	mg/L	0.005
Chrysene		<0.005	mg/L	0.005
Bis (2-ethylhexyl) phthalate		<0.005	mg/L	0.005
Di-n-octylphthalate		<0.005	mg/L	0.005
Benzo(b)fluoranthene		<0.005	mg/L	0.005
7,12-Dimethylbenz(a)anthracene		<0.005	mg/L	0.005
Benzo(k)fluoranthene		<0.005	mg/L	0.005
Benzo(a)pyrene		<0.005	mg/L	0.005
3-Methylcholanthrene		<0.005	mg/L	0.005
Dibenzo(a,j)acridine		<0.005	mg/L	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	0.005

Surrogate	Flag	Result	Units	Spike Amount	Percent Recovery	Recovery Limit
2-Fluorophenol		23.11	mg/L	80	28	8 - 73
Phenol-d5		13.64	mg/L	80	17	8 - 62
Nitrobenzene-d5		58.23	mg/L	80	72	44 - 109
2-Fluorobiphenyl		57.92	mg/L	80	72	45 - 109
2,4,6-Tribromophenol		56.20	mg/L	80	70	39 - 132
Terphenyl-d14		53.97	mg/L	80	67	46 - 121

Sample: Method Blank QCBatch: QC04687

Param	Flag	Results	Units	Reporting Limit
Total Aluminum		<0.10	mg/L	0.10
Total Arsenic		<0.10	mg/L	0.10
Total Barium		<0.10	mg/L	0.10
Total Boron		<0.10	mg/L	0.10
Total Cadmium		<0.01	mg/L	0.01
Total Chromium		<0.05	mg/L	0.05
Total Cobalt		<0.05	mg/L	0.05
Total Copper		<0.10	mg/L	0.10
Total Iron		<0.10	mg/L	0.10
Total Lead		<0.05	mg/L	0.05
Total Manganese		<0.10	mg/L	0.10
Total Molybdenum		<0.10	mg/L	0.10
Total Nickel		<0.10	mg/L	0.10
Total Selenium		<0.05	mg/L	0.05
Total Silver		<0.05	mg/L	0.05
Total Zinc		<0.10	mg/L	0.10

Sample: Method Blank QCBatch: QC04689

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.0002	mg/L	0.0002

Sample: Method Blank QCBatch: QC04771

Param	Flag	Results	Units	Reporting Limit
Dissolved Calcium		<5.0	mg/L	5
Dissolved Magnesium		<5.0	mg/L	5
Dissolved Potassium		<5.0	mg/L	5
Dissolved Sodium		<5.0	mg/L	5

Quality Control Report Lab Control Spikes and Duplicate Spikes

Sample: LCS

QC Batch: QC04517

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		89	µg/L	1	100	<2.00	89		65 - 147	20
Benzene		91	µg/L	1	100	<2.00	91		79 - 124	20
Trichloroethene (TCE)		92	µg/L	1	100	<2.00	92		80 - 119	20
Toluene		91	µg/L	1	100	<2.00	91		78 - 118	20
Chlorobenzene		94	µg/L	1	100	<2.00	94		85 - 118	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		48.07	µg/L	1	50	96	85 - 117
Toluene-d8		49.91	µg/L	1	50	99	93 - 109
4-Bromofluorobenzene		48.35	µg/L	1	50	96	76 - 109

Sample: LCSD

QC Batch: QC04517

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
1,1-Dichloroethene		89	µg/L	1	100	<2.00	89	0	65 - 147	20
Benzene		91	µg/L	1	100	<2.00	91	0	79 - 124	20
Trichloroethene (TCE)		92	µg/L	1	100	<2.00	92	0	80 - 119	20
Toluene		91	µg/L	1	100	<2.00	91	0	78 - 118	20
Chlorobenzene		95	µg/L	1	100	<2.00	95	1	85 - 118	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
Dibromofluoromethane		48.19	µg/L	1	50	96	85 - 117
Toluene-d8		49.80	µg/L	1	50	99	93 - 109
4-Bromofluorobenzene		48.62	µg/L	1	50	97	76 - 109

Sample: LCS

QC Batch: QC04668

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		17.25	mg/L	1	80	<0.005	21		5 - 57	20
2-Chlorophenol		49.20	mg/L	1	80	<0.005	61		29 - 110	20
1,4-Dichlorobenzene		47.15	mg/L	1	80	<0.005	58		25 - 94	20

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Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
n-Nitrosodi-n-propylamine		55.45	mg/L	1	80	<0.005	69		36 - 119	20
1,2,4-Trichlorobenzene		52.10	mg/L	1	80	<0.005	65		28 - 110	20
4-Chloro-3-methylphenol		51.68	mg/L	1	80	<0.005	64		40 - 126	20
Acenaphthene		54.58	mg/L	1	80	<0.005	68		47 - 118	20
4-Nitrophenol		14.85	mg/L	1	80	<0.005	18		0 - 69	20
2,4-Dinitrotoluene		58.97	mg/L	1	80	<0.005	73		46 - 133	20
Pentachlorophenol		46.98	mg/L	1	80	<0.005	58		21 - 131	20
Pyrene		54.95	mg/L	1	80	<0.005	68		44 - 125	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		24.47	mg/L	1	80	30	8 - 73
Phenol-d5		17.19	mg/L	1	80	21	8 - 62
Nitrobenzene-d5		55.19	mg/L	1	80	68	44 - 109
2-Fluorobiphenyl		53.41	mg/L	1	80	66	45 - 109
2,4,6-Tribromophenol		55.51	mg/L	1	80	69	39 - 132
Terphenyl-d14		53.03	mg/L	1	80	66	46 - 121

Sample: LCSD

QC Batch: QC04668

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Phenol		14.12	mg/L	1	80	<0.005	17	20	5 - 57	20
2-Chlorophenol		40.50	mg/L	1	80	<0.005	50	19	29 - 110	20
1,4-Dichlorobenzene		40.18	mg/L	1	80	<0.005	50	16	25 - 94	20
n-Nitrosodi-n-propylamine		46.10	mg/L	1	80	<0.005	57	18	36 - 119	20
1,2,4-Trichlorobenzene		42.83	mg/L	1	80	<0.005	53	20	28 - 110	20
4-Chloro-3-methylphenol		42.43	mg/L	1	80	<0.005	53	20	40 - 126	20
Acenaphthene		46.88	mg/L	1	80	<0.005	58	15	47 - 118	20
4-Nitrophenol		13.62	mg/L	1	80	<0.005	17	9	0 - 69	20
2,4-Dinitrotoluene		54.04	mg/L	1	80	<0.005	67	9	46 - 133	20
Pentachlorophenol		44.51	mg/L	1	80	<0.005	55	5	21 - 131	20
Pyrene		52.34	mg/L	1	80	<0.005	65	5	44 - 125	20

Surrogate	Flag	Result	Units	Dil.	Spike Amount	% Rec.	% Rec. Limit
2-Fluorophenol		20.04	mg/L	1	80	25	8 - 73
Phenol-d5		13.90	mg/L	1	80	17	8 - 62
Nitrobenzene-d5		44.31	mg/L	1	80	55	44 - 109
2-Fluorobiphenyl		43.18	mg/L	1	80	53	45 - 109
2,4,6-Tribromophenol		48.83	mg/L	1	80	61	39 - 132
Terphenyl-d14		48.78	mg/L	1	80	60	46 - 121

Sample: LCS

QC Batch: QC04687

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Aluminum		1.76	mg/L	1	2	<0.10	88		75 - 125	20
Total Arsenic		0.90	mg/L	1	1	<0.10	90		75 - 125	20
Total Barium		1.93	mg/L	1	2	<0.10	96		75 - 125	20
Total Boron		0.82	mg/L	1	1	<0.10	82		75 - 125	20
Total Cadmium		0.19	mg/L	1	0.20	<0.01	95		75 - 125	20
Total Chromium		0.38	mg/L	1	0.40	<0.05	95		75 - 125	20
Total Cobalt		0.96	mg/L	1	1	<0.05	96		75 - 125	20
Total Copper		0.37	mg/L	1	0.40	<0.10	92		75 - 125	20
Total Iron		1.91	mg/L	1	2	<0.10	95		75 - 125	20
Total Lead		0.93	mg/L	1	1	<0.05	93		75 - 125	20
Total Manganese		0.19	mg/L	1	0.20	<0.10	95		75 - 125	20
Total Molybdenum		0.96	mg/L	1	1	<0.10	96		75 - 125	20
Total Nickel		0.92	mg/L	1	1	<0.10	92		75 - 125	20
Total Selenium		0.78	mg/L	1	1	<0.05	78		75 - 125	20
Total Silver		0.18	mg/L	1	0.20	<0.05	90		75 - 125	20
Total Zinc		0.19	mg/L	1	0.20	<0.10	95		75 - 125	20

Sample: LCSD

QC Batch: QC04687

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Aluminum		1.78	mg/L	1	2	<0.10	89	1	75 - 125	20
Total Arsenic		0.90	mg/L	1	1	<0.10	90	0	75 - 125	20
Total Barium		1.94	mg/L	1	2	<0.10	97	0	75 - 125	20
Total Boron		0.83	mg/L	1	1	<0.10	83	1	75 - 125	20
Total Cadmium		0.19	mg/L	1	0.20	<0.01	95	0	75 - 125	20
Total Chromium		0.38	mg/L	1	0.40	<0.05	95	0	75 - 125	20
Total Cobalt		0.96	mg/L	1	1	<0.05	96	0	75 - 125	20
Total Copper		0.37	mg/L	1	0.40	<0.10	92	0	75 - 125	20
Total Iron		1.93	mg/L	1	2	<0.10	96	1	75 - 125	20
Total Lead		0.94	mg/L	1	1	<0.05	94	1	75 - 125	20
Total Manganese		0.19	mg/L	1	0.20	<0.10	95	0	75 - 125	20
Total Molybdenum		0.96	mg/L	1	1	<0.10	96	0	75 - 125	20
Total Nickel		0.92	mg/L	1	1	<0.10	92	0	75 - 125	20
Total Selenium		0.80	mg/L	1	1	<0.05	80	2	75 - 125	20
Total Silver		0.18	mg/L	1	0.20	<0.05	90	0	75 - 125	20
Total Zinc		0.19	mg/L	1	0.20	<0.10	95	0	75 - 125	20

Sample: LCS

QC Batch: QC04689

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		0.00099	mg/L	1	0.001	<0.0002	99		80 - 120	20

Sample: LCSD QC Batch: QC04689

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		0.00094	mg/L	1	0.001	<0.0002	94	5	80 - 120	20

Sample: LCS QC Batch: QC04771

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Dissolved Calcium		1011	mg/L	1	1000	<5.0	101		75 - 125	20
Dissolved Magnesium		1013	mg/L	1	1000	<5.0	101		75 - 125	20
Dissolved Potassium		999	mg/L	1	1000	<5.0	99		75 - 125	20
Dissolved Sodium		1010	mg/L	1	1000	<5.0	101		75 - 125	20

Sample: LCSD QC Batch: QC04771

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Dissolved Calcium		1010	mg/L	1	1000	<5.0	101	0	75 - 125	20
Dissolved Magnesium		1016	mg/L	1	1000	<5.0	101	0	75 - 125	20
Dissolved Potassium		963	mg/L	1	1000	<5.0	96	4	75 - 125	20
Dissolved Sodium		985	mg/L	1	1000	<5.0	98	2	75 - 125	20

Quality Control Report Matrix Spikes and Duplicate Spikes

Sample: MS QC Batch: QC04502

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Fluoride		19.83	mg/L	1	12.50		102		80 - 120	20
Nitrate-N		31.21	mg/L	1	25	8.8	89		80 - 120	20
Sulfate		761.35	mg/L	1	625		75		80 - 120	20

Sample: MSD QC Batch: QC04502

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Fluoride		19.78	mg/L	1	12.50		102	0	80 - 120	20
Nitrate-N		31.06	mg/L	1	25	8.8	89	1	80 - 120	20
Sulfate		766.78	mg/L	1	625		76	1	80 - 120	20

Sample: MS

QC Batch: QC04687

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Aluminum		1.88	mg/L	1	2	<0.10	94		75 - 125	20
Total Arsenic		0.88	mg/L	1	1	<0.10	88		75 - 125	20
Total Barium		1.86	mg/L	1	2	0.15	85		75 - 125	20
Total Boron		0.94	mg/L	1	1	0.10	84		75 - 125	20
Total Cadmium		0.17	mg/L	1	0.20	<0.01	85		75 - 125	20
Total Chromium		0.35	mg/L	1	0.40	<0.05	87		75 - 125	20
Total Cobalt		0.84	mg/L	1	1	<0.05	84		75 - 125	20
Total Copper		0.40	mg/L	1	0.40	<0.05	100		75 - 125	20
Total Iron		1.75	mg/L	1	2	<0.10	87		75 - 125	20
Total Lead		0.85	mg/L	1	1	<0.05	85		75 - 125	20
Total Manganese		0.17	mg/L	1	0.20	<0.10	85		75 - 125	20
Total Molybdenum		0.89	mg/L	1	1	<0.10	89		75 - 125	20
Total Nickel		0.90	mg/L	1	1	<0.10	90		75 - 125	20
Total Selenium		0.77	mg/L	1	1	<0.05	77		75 - 125	20
Total Silver		0.18	mg/L	1	0.20	<0.05	90		75 - 125	20
Total Zinc		0.18	mg/L	1	0.20	<0.10	90		75 - 125	20

Sample: MSD

QC Batch: QC04687

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Aluminum		1.86	mg/L	1	2	<0.10	93	1	75 - 125	20
Total Arsenic		0.87	mg/L	1	1	<0.10	87	1	75 - 125	20
Total Barium		1.84	mg/L	1	2	0.15	84	1	75 - 125	20
Total Boron		0.93	mg/L	1	1	0.10	83	1	75 - 125	20
Total Cadmium		0.17	mg/L	1	0.20	<0.01	85	0	75 - 125	20
Total Chromium		0.35	mg/L	1	0.40	<0.05	87	0	75 - 125	20
Total Cobalt		0.83	mg/L	1	1	<0.05	83	1	75 - 125	20
Total Copper		0.40	mg/L	1	0.40	<0.05	100	0	75 - 125	20
Total Iron		1.71	mg/L	1	2	<0.10	85	2	75 - 125	20
Total Lead		0.84	mg/L	1	1	<0.05	84	1	75 - 125	20
Total Manganese		0.17	mg/L	1	0.20	<0.10	85	0	75 - 125	20
Total Molybdenum		0.88	mg/L	1	1	<0.10	88	1	75 - 125	20
Total Nickel		0.86	mg/L	1	1	<0.10	86	4	75 - 125	20
Total Selenium		0.77	mg/L	1	1	<0.05	77	0	75 - 125	20
Total Silver		0.18	mg/L	1	0.20	<0.05	90	0	75 - 125	20
Total Zinc		0.18	mg/L	1	0.20	<0.10	90	0	75 - 125	20

Sample: MS QC Batch: QC04689

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		0.00097	mg/L	1	0.001	0.0002	77		80 - 120	20

Sample: MSD QC Batch: QC04689

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Total Mercury		0.00098	mg/L	1	0.001	0.0002	78	1	80 - 120	20

Sample: MS QC Batch: QC04771

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Dissolved Calcium		1186	mg/L	1	1000	216	97		75 - 125	20
Dissolved Magnesium		1030	mg/L	1	1000	38	99		75 - 125	20
Dissolved Potassium		980	mg/L	1	1000	<5.0	98		75 - 125	20
Dissolved Sodium		1546	mg/L	1	1000	476	107		75 - 125	20

Sample: MSD QC Batch: QC04771

Param	Flag	Sample Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec.	RPD	% Rec. Limit	RPD Limit
Dissolved Calcium		1200	mg/L	1	1000	216	98	1	75 - 125	20
Dissolved Magnesium		1030	mg/L	1	1000	38	99	0	75 - 125	20
Dissolved Potassium		980	mg/L	1	1000	<5.0	98	0	75 - 125	20
Dissolved Sodium		1545	mg/L	1	1000	476	106	0	75 - 125	20

Quality Control Report Duplicate Samples

Sample: Duplicate QC Batch: QC04609

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	20
Carbonate Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	20

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Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Bicarbonate Alkalinity		156	158	mg/L as CaCo3	1	1	20
Total Alkalinity		156	158	mg/L as CaCo3	1	1	20

Sample: Duplicate

QC Batch: QC04611

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids		1182	<10	mg/L	1	2	20
Total Dissolved Solids		1182	1200	mg/L	1	2	20

Sample: Duplicate

QC Batch: QC04619

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance		1999	2000	uMHOS/cm	1	0	20

Quality Control Report Continuing Calibration Verification Standards

Sample: CCV (1)

QC Batch: QC04502

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
CL		mg/L	12.50	11.52	92	80 - 120	8/26/00
Fluoride		mg/L	2.50	2.48	99	80 - 120	8/26/00
Nitrate-N		mg/L	5	4.56	91	80 - 120	8/26/00
Sulfate		mg/L	12.50	11.79	94	80 - 120	8/26/00

Sample: ICV (1)

QC Batch: QC04502

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
CL		mg/L	12.50	11.48	91	80 - 120	8/26/00
Fluoride		mg/L	2.50	2.46	98	80 - 120	8/26/00
Nitrate-N		mg/L	5	4.57	91	80 - 120	8/26/00
Sulfate		mg/L	12.50	11.70	93	80 - 120	8/26/00

Sample: CCV (1) QC Batch: QC04517

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Vinyl Chloride		µg/L	100	101	101	80 - 120	8/28/00
1,1-Dichloroethene		µg/L	100	111	111	73 - 154	8/28/00
Chloroform		µg/L	100	100	100	80 - 120	8/28/00
1,2-Dichloropropane		µg/L	100	102	102	80 - 120	8/28/00
Toluene		µg/L	100	102	102	81 - 122	8/28/00
Chlorobenzene		µg/L	100	101	101	86 - 121	8/28/00
Ethylbenzene		µg/L	100	102	102	80 - 120	8/28/00
Dibromofluoromethane		µg/L	50	49.18	98	80 - 120	8/28/00
Toluene-d8		µg/L	50	48.66	97	80 - 120	8/28/00
4-Bromofluorobenzene		µg/L	50	52.00	104	80 - 120	8/28/00

Sample: CCV (1) QC Batch: QC04609

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	80 - 120	9/1/00
Carbonate Alkalinity		mg/L as CaCo3	0	220	0	80 - 120	9/1/00
Bicarbonate Alkalinity		mg/L as CaCo3	0	12	0	80 - 120	9/1/00
Total Alkalinity		mg/L as CaCo3	240	232	96	80 - 120	9/1/00

Sample: ICV (1) QC Batch: QC04609

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	80 - 120	9/1/00
Carbonate Alkalinity		mg/L as CaCo3	0	224	0	80 - 120	9/1/00
Bicarbonate Alkalinity		mg/L as CaCo3	0	6	0	80 - 120	9/1/00
Total Alkalinity		mg/L as CaCo3	240	230	95	80 - 120	9/1/00

Sample: CCV (1) QC Batch: QC04611

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	996	99	80 - 120	8/31/00

Sample: ICV (1) QC Batch: QC04611

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	995	99	80 - 120	8/31/00

Sample: CCV (1) QC Batch: QC04619

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1413	1399	99	80 - 120	8/29/00

Sample: ICV (1) QC Batch: QC04619

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		uMHOS/cm	1413	1375	97	80 - 120	8/29/00

Sample: CCV (1) QC Batch: QC04668

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Phenol		mg/L	60	62.07	103	5 - 57	8/31/00
1,4-Dichlorobenzene		mg/L	60	60.34	100	25 - 94	8/31/00
2-Nitrophenol		mg/L	60	61.90	103	80 - 120	8/31/00
2,4-Dichlorophenol		mg/L	60	62.05	103	80 - 120	8/31/00
Hexachlorobutadiene		mg/L	60	60.13	100	80 - 120	8/31/00
4-Chloro-3-methylphenol		mg/L	60	62.32	103	40 - 126	8/31/00
2,4,6-Trichlorophenol		mg/L	60	59.84	99	80 - 120	8/31/00
Acenaphthene		mg/L	60	58.28	97	47 - 118	8/31/00
Diphenylamine		mg/L	60	57.08	95	80 - 120	8/31/00
Pentachlorophenol		mg/L	60	59.52	99	21 - 131	8/31/00
Fluoranthene		mg/L	60	60.19	100	80 - 120	8/31/00
Di-n-octylphthalate		mg/L	60	55.81	93	80 - 120	8/31/00
Benzo(a)pyrene		mg/L	60	59.85	99	80 - 120	8/31/00
2-Fluorophenol		mg/L	60	61.96	103	8 - 73	8/31/00
Phenol-d5		mg/L	60	61.81	103	8 - 62	8/31/00
Nitrobenzene-d5		mg/L	60	59.93	99	44 - 109	8/31/00
2-Fluorobiphenyl		mg/L	60	57.45	95	45 - 109	8/31/00
2,4,6-Tribromophenol		mg/L	60	60.95	101	39 - 132	8/31/00
Terphenyl-d14		mg/L	60	57.28	95	46 - 121	8/31/00

Sample: CCV (1) QC Batch: QC04687

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Aluminum		mg/L	5	4.54	90	75 - 125	8/31/00
Total Arsenic		mg/L	2.50	2.34	93	75 - 125	8/31/00
Total Barium		mg/L	5	4.77	95	75 - 125	8/31/00
Total Boron		mg/L	2.50	2.28	91	75 - 125	8/31/00
Total Cadmium		mg/L	0.50	0.48	96	75 - 125	8/31/00
Total Chromium		mg/L	1	0.94	94	75 - 125	8/31/00
Total Cobalt		mg/L	2.50	2.37	94	75 - 125	8/31/00
Total Copper		mg/L	1	0.92	92	75 - 125	8/31/00
Total Iron		mg/L	5	4.76	95	75 - 125	8/31/00
Total Lead		mg/L	2.50	2.35	94	75 - 125	8/31/00
Total Manganese		mg/L	0.50	0.47	94	75 - 125	8/31/00
Total Molybdenum		mg/L	2.50	2.36	94	75 - 125	8/31/00
Total Nickel		mg/L	2.50	2.34	93	75 - 125	8/31/00
Total Selenium		mg/L	2.50	2.37	94	75 - 125	8/31/00
Total Silver		mg/L	0.50	0.47	94	75 - 125	8/31/00
Total Zinc		mg/L	0.50	0.47	94	75 - 125	8/31/00

Sample: ICV (1)

QC Batch: QC04687

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Aluminum		mg/L	5	4.71	94	75 - 125	8/31/00
Total Arsenic		mg/L	2.50	2.41	96	75 - 125	8/31/00
Total Barium		mg/L	5	4.92	98	75 - 125	8/31/00
Total Boron		mg/L	2.50	2.42	96	75 - 125	8/31/00
Total Cadmium		mg/L	0.50	0.49	98	75 - 125	8/31/00
Total Chromium		mg/L	1	0.97	97	75 - 125	8/31/00
Total Cobalt		mg/L	2.50	2.44	97	75 - 125	8/31/00
Total Copper		mg/L	1	0.96	96	75 - 125	8/31/00
Total Iron		mg/L	5	4.90	98	75 - 125	8/31/00
Total Lead		mg/L	2.50	2.43	97	75 - 125	8/31/00
Total Manganese		mg/L	0.50	0.49	98	75 - 125	8/31/00
Total Molybdenum		mg/L	2.50	2.44	97	75 - 125	8/31/00
Total Nickel		mg/L	2.50	2.42	96	75 - 125	8/31/00
Total Selenium		mg/L	2.50	2.44	97	75 - 125	8/31/00
Total Silver		mg/L	0.50	0.48	96	75 - 125	8/31/00
Total Zinc		mg/L	0.50	0.48	96	75 - 125	8/31/00

Sample: CCV (1)

QC Batch: QC04689

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.005	0.00097	19	80 - 120	8/31/00

Sample: ICV (1) QC Batch: QC04689

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.005	0.00092	18	80 - 120	8/31/00

Sample: CCV (1) QC Batch: QC04771

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	10	19.8	198	75 - 125	9/5/00
Dissolved Magnesium		mg/L	10	20.1	201	75 - 125	9/5/00
Dissolved Potassium		mg/L	10	19.6	196	75 - 125	9/5/00
Dissolved Sodium		mg/L	10	19.4	194	75 - 125	9/5/00

Sample: ICV (1) QC Batch: QC04771

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	10	19.1	191	75 - 125	9/5/00
Dissolved Magnesium		mg/L	10	19.7	197	75 - 125	9/5/00
Dissolved Potassium		mg/L	10	19.2	192	75 - 125	9/5/00
Dissolved Sodium		mg/L	10	18.8	188	75 - 125	9/5/00

LAW OFFICES OF
GARY DON REAGAN, P.A.
a professional association

GARY DON REAGAN
MARK TERRENCE SÁNCHEZ

(505) 397-6551 Telephone
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email: lgldregan@nm.net
website: <http://www.lawyers.com/garydonreagan>
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HOBBS, NEW MEXICO 88241-0770
1819 North Turner, Suite G
HOBBS, NEW MEXICO 88240-3834

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TELECOPY TRANSMITTAL SHEET

DATE TRANSMITTED July 14, 2000 TIME 1:35 p.m.

PLEASE DELIVER THE FOLLOWING PAGES TO:

Ms. Lori Wrotenberg, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
2040 South Pacheco Street
Santa Fe, New Mexico 87505

FAX NUMBER: (505) 827-8177

You should receive 4 pages of copy, including this cover page. Please notify us immediately at (505) 397-6551 if not received properly.

☒ For your comments	☒ As you requested
☐ Please call me about this	☐ As we discussed

If checked, original will be forwarded to you by

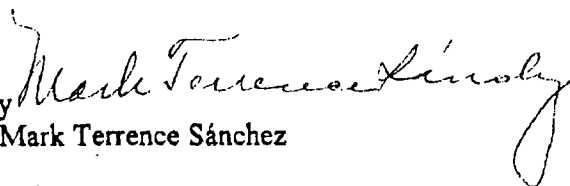
☐ Federal Express	☒ regular mail.
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Re: 1306 West Broadway, Hobbs, New Mexico

MESSAGE: Ms. Wrotenberg: Please see the attached correspondence.

Thank you.

GARY DON REAGAN, P.A.

by 
Mark Terrence Sánchez

MTS:mp

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a professional association

(505) 397-6551 Telephone
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MARK TERRENCE SANCHEZ

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P.O. Box 770
HOBBS, NEW MEXICO 88241-0770
1819 North Turner, Suite G
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July 14, 2000

Ms. Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
2040 South Pacheco Street
Santa Fe, New Mexico 87505

**By Facsimile Machine
and First-Class Mail**

Re: Guardian Wellhead Protection, Inc.
1306 West Broadway Facility
Lea County, New Mexico

Dear Ms. Wrotenbery:

This letter constitutes a response to your request for a workplan in your letter dated May 4, 2000, and enclosure thereto addressed to Guardian Wellhead Protection, Inc. ("Guardian" hereinafter).

As you may know, Guardian by leasehold formerly occupied premises located at 1305 West Broadway. Relations between Guardian and the previous owner of the premises were satisfactory and marked by cooperation; however, the previous owner recently died. Since the owner's death, Guardian has dealt with Rick and Penny McCart, alleged heirs of the previous owner. Guardian's relations with the heirs have not been marked with the same cooperation that Guardian enjoyed with the previous owner; in fact, relations between Guardian and Rick and Penny McCart have been somewhat hostile. The hostility likely arises from disputes over payment of rent, continued occupancy, Guardian's refusal to purchase the property, and differences of opinion regarding ownership of personal property. Guardian believes that representatives Rick and Penny McCart have made allegations of unlawful discharges on the part of Guardian to representatives of the Oil Conservation Commission. Guardian believes that if such reports have been made, it may enhance the view of the Oil Conservation Commission for it to know the circumstances surrounding such allegations. It is for this reason that we describe the hostility between Guardian and the persons who we believe were the initial complainants.

Ms. Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
July 14, 2000
Page 2

**THE WORKPLAN SHOULD BE CONDITIONED ON A FINDING
THAT SUBSTANCES WERE DISCHARGED INTO IT BY GUARDIAN**

We believe that proceeding with the workplan should be conditioned on a determination that there has been a discharge by Guardian. By this statement, Guardian means that a workplan should be required only if it can be shown that Guardian released substances into the Class V well mentioned in your correspondence of May 4, 2000, and April 10, 2000. Among the facts discovered in the investigation undertaken by the Oil Conservation Commission should be (1) that the Class V well was in existence at 1306 West Broadway before Guardian took possession of the premises, (2) that the Class V well had apparently been used by an occupant of the premises before Guardian's occupancy, (3) that liquids were present in the Class V well when Guardian took possession of the premises, (4) that Guardian did not use the Class V well during its occupation of the premises, and (5) that, owing to a foul odor coming from the Class V well, Guardian had the Class V well drained and its contents disposed of by an environmental contractor. If these facts had not been discovered by the investigation undertaken by the Oil Conservation Commission, they are asserted as facts now and are verified as true pursuant to a signature of an officer of Guardian below.

**THE ELEMENTS OF A PROPOSED PLAN ARE SET FORTH
EVEN THOUGH A WORKPLAN SHOULD NOT BE REQUIRED**

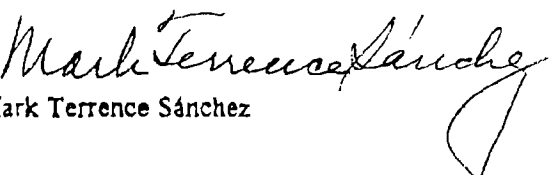
Again, a workplan should not be required because Guardian discharged nothing into the Class V well. However, in the event that the Oil Conservation Commission finds that Guardian should submit a workplan, the workplan should seek to discover the following facts: (1) identification of the contaminating substances, if any, in the Class V well, (2) identification of the substances, if any, used by Guardian in its day-to-day operations, (3) identification of the substances used by the previous land owner, by previous operators, or by the predecessors of Guardian, (4) the structure of the Class V well and system, and (5) whether the system is self-contained. (If the system is self-contained, it is less likely that contamination has occurred.) To this end Guardian offers to cooperate with the Oil Conservation Commission in identifying its operations and the substances used by it in its operations. Guardian requests that the Oil Conservation Commission request the other information, as well as access to the Class V well, from Rick and Penny McCart.

I will appreciate an acknowledgment that you have received this correspondence and look forward to your response to the correspondence.

Ms. Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
July 14, 2000
Page 3

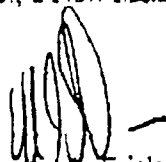
Very truly yours,

GARY DON REAGAN, P.A.

by 
Mark Terrence Sanchez

THE FACTS IN THE LETTER ARE TRUE:

GUARDIAN WELLHEAD PROTECTION,
INC., a New Mexico corporation

by 
Murray A. Erickson
Its President

MTS:mp

LAW OFFICES OF
GARY DON REAGAN, P.A.
a professional association

GARY DON REAGAN
MARK TERRENCE SÁNCHEZ

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TELECOPY TRANSMITTAL SHEET

DATE TRANSMITTED June 30, 2000 TIME 11:10

PLEASE DELIVER THE FOLLOWING PAGES TO:

Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
2040 South Pacheco Street
Santa Fe, NM 87505

FAX NUMBER: (505) 827-8177

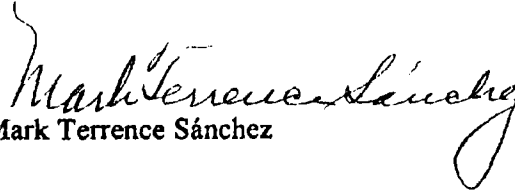
You should receive 2 pages of copy, including this cover page. Please notify us immediately at (505) 397-6551 if not received properly.

RE: Guardian Wellhead Protection, Inc./Notice of Violation

MESSAGE: Ms. Wrotenbery, please see attached correspondence.

Thank you.

GARY DON REAGAN, P.A.

by 
Mark Terrence Sánchez

mp

encl.

LAW OFFICES OF
GARY DON REAGAN, P.A.
a professional association
(505) 397-6551 Telephone
(505) 393-2252 FAX

GARY DON REAGAN
MARK TERRENCE SÁNCHEZ

June 30, 2000

email: lgiregan@nm.net
website: <http://www.lawyers.com/garydonreagan>
P.O. Box 770
HOBBS, NEW MEXICO 88241-0770
1819 North Turner, Suite G
HOBBS, NEW MEXICO 88240-3834

Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Energy, Minerals and
Natural Resources Department
2040 South Pacheco Street
Santa Fe, New Mexico 87505

Via Facsimile Machine Only
(505) 827-8177

Re: Guardian Wellhead Protection, Inc.
1306 West Broadway Facility
Lea County, New Mexico

Dear Ms. Wrotenbery:

Pursuant to my telephone conversations with Mr. Ford and Mr. Anderson of your department on June 29, 2000, I am writing to request that we be given until July 14, 2000, to respond to your letter of June 14, 2000, on behalf of Guardian Well Protection, Inc. The purpose for the extension would be to collect statements from witnesses about alleged discharge.

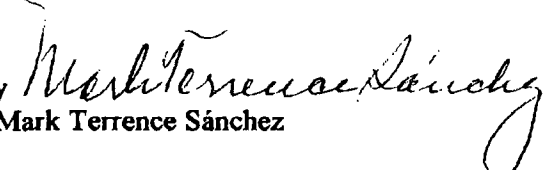
You may indicate your approval by marking this letter "approved" or "granted" and returning it to us by facsimile machine.

Thank you very much.

Very truly yours,

GARY DON REAGAN, P.A.

by


Mark Terrence Sánchez

MTS:mp

cc: Guardian Wellhead Protection, Inc.

C:\WPDOCS\GUARDIANWELL\WROTENBERY.LET\MP



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

July 6, 2000

CERTIFIED MAIL

RETURN RECEIPT NO. 5050 9719

Mr. Mark Terrence Sanchez, Esq.
Gary Don Reagan, P.A.
P.O. Box 770
Hobbs, New Mexico 88240-0770

**RE: Investigation Plan Submittal Extension
Guardian Wellhead Protection, Inc.
1306 West Broadway site
Hobbs, New Mexico**

Dear Mr. Sanchez:

The New Mexico Oil Conservation Division (OCD) has received the faxed letter, dated June 30, 2000, requesting an extension to July 14, 2000 for the submittal of the investigative plan for the 1306 West Broadway, Hobbs, New Mexico site. **The request for the extension to July 14, 2000 is approved.**

Further, this approval does not relieve Guardian Wellhead Protection, Inc. from liability should the investigative plan or information provided not be accepted or approved by the OCD.

Sincerely,

Roger C. Anderson
Chief, Environmental Bureau
Oil Conservation Division

RCA/wjf

cc: Guardian Wellhead Protection, Inc.
OCD Hobbs District Office



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

May 4, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9542

Mr. Murray A. Erickson
Guardian Wellhead Protection, Inc.
P.O. Box 13188
Odessa, Texas 79768

RE: Notification

Dear Mr. Erickson:

A Certified Letter sent to Guardian Wellhead Protection, Inc. at the Hobbs, New Mexico facility was returned to the New Mexico Oil Conservation Division (OCD) Santa Fe office although someone signed for receipt of the letter. A copy of the envelope and signed return receipt attached.

The original letter is attached for your information and action. Guardian Wellhead Protection, Inc. has 15 days from receipt of this notice to provide the OCD with the requested investigation work plan for the 1306 West Broadway, Hobbs, New Mexico site.

Sincerely,

A handwritten signature in black ink, appearing to read "W. Jack Ford".

W. Jack Ford, C.P.G.
Oil Conservation Division

Attachment

cc: Hobbs OCD District Office

Public Regulation Commission**5/3/2000****GUARDIAN WELLHEAD PROTECTION, INC. (TEXAS Corporation)****MAILING ADDRESS
P.O. BOX 13188 ODESSA TEXAS 79768****SCC Number: 1709435****Tax & Revenue Number:****QUALIFIED ON JANUARY 30, 1995, IN NEW MEXICO.****CORPORATION IS A FOREIGN PROFIT****CORPORATION IS ACTIVE
GOOD STANDING THROUGH: 2/15/2002****PURPOSE OF THE CORPORATION
OIL FIELD SERVICE****CORPORATION DATES
Taxable Year End Date: 11/30/99 Filing Date: 01/13/00
Corporate Existence Expiration Date:****SUPPLEMENTAL POST MARK DATES
Supplemental: Name Change: Purpose Change:****PRINCIPAL ADDRESS
1306 WEST BROADWAY HOBBS NEW MEXICO 88241****PRINCIPAL ADDRESS(Outside New Mexico)
6907 E. COMMERCE ODESSA TEXAS 79762****REGISTERED AGENT
GARY DON REAGAN
501 NORTH LINAM HOBBS NEW MEXICO 88241****Designation date: 01/13/00 Agent Post Mark Date: Resignation date:****COOP LICENSE INFORMATION
Number: Type: Expiration Year:****ERICKSON, MURRAY A. President
NONE LISTED Vice President
ERICKSON MURRAY A. Secretary
NONE LISTED Treasurer****DIRECTORS****Date Election of Directors: 11/16/00**

ERICKSON , MURRAY A
6907 E. COMMERCE ODESSA , TX 79762

New Search Inquiry Page



TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424
El Paso, Texas 79922

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

April 04, 2000

Receiving Date: 03/15/2000

Sample Type: Water

Project No: NA

Project Location: 1306 Broadway

ANALYTICAL RESULTS FOR
NM OIL CONSERVATION DIVISION
Attention: Donna Williams
1625 N. French Dr.
Hobbs, NM 88240

Prep Date: 03/22/2000

Analysis Date: 03/23/2000

Sampling Date: 03/14/2000

Sample Condition: Intact & Cool

Sample Received by: VH

Project Name: Guardian

TA#	Field Code	DISSOLVED Na (mg/L)	DISSOLVED K (mg/L)	DISSOLVED Mg (mg/L)	DISSOLVED Ca (mg/L)
T142612	0003141120	843	32	20	68
ICV		21.5	20.7	20.9	20.9
CCV		21.4	20.6	21.5	21.7
Reporting Limit		0.50	0.50	0.50	0.50
METHOD BLANK		<0.50	<0.50	<0.50	<0.50
RPD		1	1	1	1
% Extraction Accuracy		95	97	101	101
% Instrument Accuracy		107	103	106	106

METHODS: EPA SW 846-3005A, 6010B.

CHEMIST: RR

SPIKE: 1,000 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.

CV: 20 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.


Director Dr. Blair Leftwich

4-4-00
Date

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Donna Williams
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: 4/4/00

Project Number: N/A
Project Name: Guardian
Project Location: 1306 Broadway

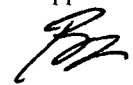
Order ID Number: A00031516

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc. for analysis:

Sample Number	Sample Description	Matrix	Date Taken	Time Taken	Date Received
142612	0003141120	Water	3/14/00	11:20	3/15/00

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.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Analytical Results Report

Sample Number: 142612

Description: 0003141120

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
8260 (µg/L)									
Bromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dichlorodifluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloromethane (methyl chloride)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Vinyl Chloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromomethane (methyl bromide)	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Chloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichlorofluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acetone	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
Iodomethane (methyl iodide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Disulfide	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acrylonitrile	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Butanone (MEK)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-methyl-2-pentanone (MIBK)	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
2-hexanone	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,4-Dichloro-2-butene	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
1,1-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Methylene chloride	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
MTBE	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,2-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
cis-1,2-dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloroethane (EDC)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloroform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Benzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Tetrachloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichloroethene (TCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromomethane (methylene bromide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromodichloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chloroethyl vinyl ether	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
cis-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Toluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,2-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromoethane (EDB)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Tetrachloroethene (PCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Ethylbenzene	173.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
m,p-Xylene	445.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromoform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Styrene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
o-Xylene	280.50	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2

N/A	Guardian						1306 Broadway			
1,1,2,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
2-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
1,2,3-Trichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
Isopropylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
Bromobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
n-Propylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
1,3,5-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
tert-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
1,2,4-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
1,4-Dichlorobenzene (para)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
sec-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
1,3-Dichlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
p-Isopropyltoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
4-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
1,2-Dichlorobenzene (ortho)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
n-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
1,2-Dibromo-3-chloropropane	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5	
1,2,3-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5	
1,2,4-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5	
Naphthalene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2	
Hexachlorobutadiene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5	
Surrogate (µg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #		
Dibromofluoromethane	54.98	1	50	110	72 - 128	JG	PB01439	QC01715		
Toluene-d8	50.55	1	50	101	91 - 107	JG	PB01439	QC01715		
4-Bromofluorobenzene	50.97	1	50	102	74 - 106	JG	PB01439	QC01715		
Hg, Total (mg/L)										
Total Mercury	0.00091	1	S 7470A	3/15/00	3/16/00	BP	PB01392	QC01664	0.0002	
Total Metals (mg/L)										
Total Aluminum	<1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1	
Total Arsenic	<0.05	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05	
Total Barium	15	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05	
Total Boron	0.93	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05	
Total Cadmium	0.83	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.005	
Total Chromium	1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01	
Total Cobalt	0.23	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01	
Total Copper	4.9	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1	
Total Iron	378	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1	
Total Lead	13	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01	
Total Manganese	2.7	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1	
Total Molybdenum	2.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1	
Total Nickel	0.5	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1	
Total Selenium	<0.01	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01	
Total Silica	34	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1	
Total Silver	0.03	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.001	
Total Zinc	38	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1	
Test Comments	.	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672		

Quality Control Report

Method Blanks

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Bromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dichlorodifluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloromethane (methyl chloride) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Vinyl Chloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Bromomethane (methyl bromide) (µg/L)		<2.00	5	3/25/00	PB01439	QC01715
Chloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichlorofluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acetone (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
Iodomethane (methyl iodide) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Disulfide (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acrylonitrile (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Butanone (MEK) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
4-methyl-2-pentanone (MIBK) (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
2-hexanone (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans 1,4-Dichloro-2-butene (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
1,1-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Methylene chloride (µg/L)		<5.00	5	3/25/00	PB01439	QC01715
MTBE (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,2-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
cis-1,2-dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloroethane (EDC) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloroform (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Benzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Tetrachloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichloroethene (TCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromomethane (methylene bromide) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Bromodichloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Chloroethyl vinyl ether (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
cis-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Toluene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,2-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,3-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dibromoethane (EDB) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Tetrachloroethene (PCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chlorobenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1,2-Tetrachloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Ethylbenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
m,p-Xylene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715

N/A	Guardian	1306 Broadway			
Bromoform (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Styrene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
o-Xylene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,1,2,2-Tetrachloroethane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
2-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2,3-Trichloropropane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Isopropylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Bromobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
n-Propylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,3,5-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
tert-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2,4-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,4-Dichlorobenzene (para) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
sec-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,3-Dichlorobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
p-Isopropyltoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
4-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichlorobenzene (ortho) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
n-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2-Dibromo-3-chloropropane (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
1,2,3-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
1,2,4-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
Naphthalene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Hexachlorobutadiene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
Surrogate	Result	Spike Amount	% Rec.	% Rec. Limit	QC Batch #
Dibromofluoromethane (µg/L)	52.55	50	105	72 - 128	QC01715
Toluene-d8 (µg/L)	50.58	50	101	91 - 107	QC01715
4-Bromofluorobenzene (µg/L)	50.86	50	102	74 - 106	QC01715

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Mercury (mg/L)		<0.0002	0.0002	3/16/00	PB01392	QC01664

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Aluminum (mg/L)		<1.0	1	3/21/00	PB01337	QC01672
Total Arsenic (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Barium (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Boron (mg/L)		<0.01	0.05	3/21/00	PB01337	QC01672
Total Cadmium (mg/L)		<0.005	0.005	3/21/00	PB01337	QC01672
Total Chromium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Cobalt (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Copper (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Iron (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Lead (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Manganese (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Molybdenum (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Nickel (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Selenium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Silica (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672

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N/A

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Total Silver (mg/L)	<0.001	0.001	3/21/00	PB01337	QC01672
Total Zinc (mg/L)	<0.10	1	3/21/00	PB01337	QC01672

Quality Control Report

Matrix Spike and Matrix Duplicate Spike

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Mercury (mg/L)	<0.0002	1	0.001	0.00120	120		80 - 120	-	QC01664
MSD	Total Mercury (mg/L)	<0.0002	1	0.001	0.00112	112	7	-	0 - 20	QC01664

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Aluminum (mg/L)	<1.0	1	1	*	0		75 - 125	-	QC01672
MS	Total Arsenic (mg/L)	<0.05	1	1	*	0		75 - 125	-	QC01672
MS	Total Barium (mg/L)	15	1	1	*	0		75 - 125	-	QC01672
MS	Total Boron (mg/L)	0.93	1	1	1.81	181		75 - 125	-	QC01672
MS	Total Cadmium (mg/L)	0.83	1	1	1.65	165		75 - 125	-	QC01672
MS	Total Chromium (mg/L)	1.0	1	1	1.97	197		75 - 125	-	QC01672
MS	Total Cobalt (mg/L)	0.23	1	1	0.977	98		75 - 125	-	QC01672
MS	Total Copper (mg/L)	4.9	1	1	7.01	701		75 - 125	-	QC01672
MS	Total Iron (mg/L)	378	1	1	*	0		75 - 125	-	QC01672
MS	Total Lead (mg/L)	13	1	1	*	0		75 - 125	-	QC01672
MS	Total Manganese (mg/L)	2.7	1	1	3.81	381		75 - 125	-	QC01672
MS	Total Molybdenum (mg/L)	2.0	1	1	2.9	290		75 - 125	-	QC01672
MS	Total Nickel (mg/L)	0.5	1	1	1.28	128		75 - 125	-	QC01672
MS	Total Selenium (mg/L)	<0.01	1	1	*	0		75 - 125	-	QC01672
MS	Total Silica (mg/L)	34	1	1	*	0		75 - 125	-	QC01672
MS	Total Silver (mg/L)	0.03	1	0.2	0.145	73		75 - 125	-	QC01672
MS	Total Zinc (mg/L)	38	1	1	*	0		75 - 125	-	QC01672

* Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc Use LCS/LCSD for Extraction Accuracy.

MSD	Total Aluminum (mg/L)	<1.0	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Arsenic (mg/L)	<0.05	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Barium (mg/L)	15	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Boron (mg/L)	0.93	1	1	1.76	176	3	-	0 - 20	QC01672
MSD	Total Cadmium (mg/L)	0.83	1	1	1.63	163	1	-	0 - 20	QC01672
MSD	Total Chromium (mg/L)	1.0	1	1	1.89	189	4	-	0 - 20	QC01672
MSD	Total Cobalt (mg/L)	0.23	1	1	0.946	95	3	-	0 - 20	QC01672
MSD	Total Copper (mg/L)	4.9	1	1	6.58	658	6	-	0 - 20	QC01672
MSD	Total Iron (mg/L)	378	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Lead (mg/L)	13	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Manganese (mg/L)	2.7	1	1	3.58	358	6	-	0 - 20	QC01672
MSD	Total Molybdenum (mg/L)	2.0	1	1	2.85	285	1	-	0 - 20	QC01672
MSD	Total Nickel (mg/L)	0.5	1	1	1.23	123	3	-	0 - 20	QC01672
MSD	Total Selenium (mg/L)	<0.01	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silica (mg/L)	34	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silver (mg/L)	0.03	1	0.2	0.164	82	12	-	0 - 20	QC01672

N/A

Guardian

1306 Broadway

MSD Total Zinc (mg/L) 38 1 1 * 0 0 - 0 - 20 QC01672

* Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc Use LCS/LCSD for Extraction Accuracy.

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		79 - 129	-	QC01715
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		80 - 120	-	QC01715
MS	Benzene (ug/L)	<2.00	1	100	107	107		77 - 130	-	QC01715
MS	Trichloroethene (TCE) (ug/L)	<2.00	1	100	108	108		83 - 108	-	QC01715
MS	Toluene (ug/L)	<2.00	1	100	105	105		85 - 114	-	QC01715
MS	Chlorobenzene (ug/L)	<2.00	1	100	103	103		87 - 114	-	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MS	Dibromofluoromethane (µg/L)	51.92	1	50	JG	104		72 - 128	PB01439	QC01715
MS	Toluene-d8 (µg/L)	50.22	1	50	JG	100		91 - 107	PB01439	QC01715
MS	4-Bromofluorobenzene (µg/L)	51.85	1	50	JG	104		74 - 106	PB01439	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	Benzene (ug/L)	<2.00	1	100	107	107	0	-	0 - 20	QC01715
MSD	Trichloroethene (TCE) (ug/L)	<2.00	1	100	109	109	1	-	0 - 20	QC01715
MSD	Toluene (ug/L)	<2.00	1	100	106	106	1	-	0 - 20	QC01715
MSD	Chlorobenzene (ug/L)	<2.00	1	100	105	105	2	-	0 - 20	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MSD	Dibromofluoromethane (µg/L)	51.14	1	50	JG	102		72 - 128	PB01439	QC01715
MSD	Toluene-d8 (µg/L)	49.77	1	50	JG	100		91 - 107	PB01439	QC01715
MSD	4-Bromofluorobenzene (µg/L)	52.35	1	50	JG	105		74 - 106	PB01439	QC01715

Quality Control Report

Lab Control Spikes and Duplicate Spike

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS 1,1-Dichloroethene (ug/L)	* <2.00	1	100	132	132		80 - 120	-	QC01715
LCS Benzene (ug/L)	<2.00	1	100	118	118		77 - 130	-	QC01715
LCS Trichloroethene (TCE) (ug/L)	<2.00	1	100	113	113		83 - 108	-	QC01715
LCS Toluene (ug/L)	<2.00	1	100	111	111		85 - 114	-	QC01715
LCS Chlorobenzene (ug/L)	<2.00	1	100	115	115		87 - 114	-	QC01715

* 1,1-Dichloroethene - recovery out of control limits due to prep analyst error.

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCS	Dibromofluoromethane (µg/L)	1	50	49.75	100	72 - 128	QC01715
LCS	Toluene-d8 (µg/L)	1	50	51.08	102	91 - 107	QC01715
LCS	4-Bromofluorobenzene (µg/L)	1	50	50.40	101	74 - 106	QC01715

LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD Benzene (ug/L)	<2.00	1	100	112	112	5	-	0 - 20	QC01715
LCSD Trichloroethene (TCE) (ug/L)	<2.00	1	100	107	107	5	-	0 - 20	QC01715
LCSD Toluene (ug/L)	<2.00	1	100	107	107	4	-	0 - 20	QC01715
LCSD Chlorobenzene (ug/L)	<2.00	1	100	108	108	6	-	0 - 20	QC01715

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCSD	Dibromofluoromethane (µg/L)	1	50	51.09	102	72 - 128	QC01715
LCSD	Toluene-d8 (µg/L)	1	50	50.42	101	91 - 107	QC01715
LCSD	4-Bromofluorobenzene (µg/L)	1	50	51.07	102	74 - 106	QC01715

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Mercury (mg/L)	<0.0002	1	0.001	0.00099	99		80 - 120	-	QC01664
LCSD Total Mercury (mg/L)	<0.0002	1	0.001	0.00102	102	3	-	0 - 20	QC01664

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Aluminum (mg/L)	<1.0	1	1	1.02	102		75 - 125	-	QC01672
LCS Total Arsenic (mg/L)	<0.05	1	1	0.934	93		75 - 125	-	QC01672
LCS Total Barium (mg/L)	<0.05	1	1	0.938	94		75 - 125	-	QC01672
LCS Total Boron (mg/L)	<0.01	1	1	0.898	90		75 - 125	-	QC01672
LCS Total Cadmium (mg/L)	<0.005	1	1	0.952	95		75 - 125	-	QC01672
LCS Total Chromium (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Cobalt (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Copper (mg/L)	<0.10	1	1	0.993	99		75 - 125	-	QC01672
LCS Total Iron (mg/L)	<0.10	1	1	1.04	104		75 - 125	-	QC01672

N/A		Guardian		1306 Broadway					
LCS	Total Lead (mg/L)	<0.01	1	1	1.15	115	75 - 125	-	QC01672
LCS	Total Manganese (mg/L)	<0.10	1	1	0.971	97	75 - 125	-	QC01672
LCS	Total Molybdenum (mg/L)	<0.10	1	1	0.992	99	75 - 125	-	QC01672
LCS	Total Nickel (mg/L)	<0.10	1	1	0.985	99	75 - 125	-	QC01672
LCS	Total Selenium (mg/L)	<0.01	1	1	0.884	88	75 - 125	-	QC01672
LCS	Total Silica (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCS	Total Silver (mg/L)	<0.001	1	0.2	0.191	96	75 - 125	-	QC01672
LCS	Total Zinc (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCSD	Total Aluminum (mg/L)	<1.0	1	1	< 1	96	6	-	0 - 20 QC01672
LCSD	Total Arsenic (mg/L)	<0.05	1	1	0.905	91	3	-	0 - 20 QC01672
LCSD	Total Barium (mg/L)	<0.05	1	1	0.993	99	6	-	0 - 20 QC01672
LCSD	Total Boron (mg/L)	<0.01	1	1	0.904	90	1	-	0 - 20 QC01672
LCSD	Total Cadmium (mg/L)	<0.005	1	1	0.932	93	2	-	0 - 20 QC01672
LCSD	Total Chromium (mg/L)	<0.01	1	1	0.950	95	2	-	0 - 20 QC01672
LCSD	Total Cobalt (mg/L)	<0.01	1	1	0.935	94	3	-	0 - 20 QC01672
LCSD	Total Copper (mg/L)	<0.10	1	1	0.976	98	2	-	0 - 20 QC01672
LCSD	Total Iron (mg/L)	<0.10	1	1	1.16	116	11	-	0 - 20 QC01672
LCSD	Total Lead (mg/L)	<0.01	1	1	1.17	117	2	-	0 - 20 QC01672
LCSD	Total Manganese (mg/L)	<0.10	1	1	0.962	96	1	-	0 - 20 QC01672
LCSD	Total Molybdenum (mg/L)	<0.10	1	1	0.944	94	5	-	0 - 20 QC01672
LCSD	Total Nickel (mg/L)	<0.10	1	1	0.951	95	4	-	0 - 20 QC01672
LCSD	Total Selenium (mg/L)	<0.01	1	1	0.858	86	3	-	0 - 20 QC01672
LCSD	Total Silica (mg/L)	<0.10	1	1	1.12	112	10	-	0 - 20 QC01672
LCSD	Total Silver (mg/L)	<0.001	1	0.2	0.190	95	1	-	0 - 20 QC01672
LCSD	Total Zinc (mg/L)	<0.10	1	1	1.06	106	5	-	0 - 20 QC01672

Quality Control Report

Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Vinyl Chloride (µg/L)		100	114	114	80 - 120	3/25/00	QC01715
CCV 1	1,1-Dichloroethene (µg/L)		100	113	113	80 - 120	3/25/00	QC01715
CCV 1	Chloroform (µg/L)		100	115	115	80 - 120	3/25/00	QC01715
CCV 1	1,2-Dichloropropane (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene (µg/L)		100	105	105	80 - 120	3/25/00	QC01715
CCV 1	Chlorobenzene (µg/L)		100	106	106	80 - 120	3/25/00	QC01715
CCV 1	Ethylbenzene (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Dibromofluoromethane (µg/L)		50	53.40	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene-d8 (µg/L)		50	50.28	101	80 - 120	3/25/00	QC01715
CCV 1	4-Bromofluorobenzene (µg/L)		50	52.99	106	80 - 120	3/25/00	QC01715

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Mercury (mg/L)		0.001	0.00107	107	80 - 120	3/16/00	QC01664
CCV 1	Total Mercury (mg/L)		0.001	0.00110	110	80 - 120	3/16/00	QC01664

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Aluminum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Arsenic (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
ICV	Total Boron (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
ICV	Total Cadmium (mg/L)		1	0.97	97	75 - 125	3/21/00	QC01672
ICV	Total Chromium (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Cobalt (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Copper (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Lead (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
ICV	Total Manganese (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Molybdenum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Nickel (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
ICV	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Silver (mg/L)		0.2	0.195	98	75 - 125	3/21/00	QC01672
ICV	Total Zinc (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Aluminum (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Arsenic (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
CCV 1	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Boron (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672

Quality Control Report

Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Total Cadmium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Chromium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Cobalt (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Copper (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Lead (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Manganese (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Molybdenum (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Nickel (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Silver (mg/L)		0.2	0.189	95	75 - 125	3/21/00	QC01672
CCV 1	Total Zinc (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A00031516

Company Name: NM Oil Conservation Division Phone #: (505) 393-6161 x.113

Address: (Street, City, Zip) 1625 N. French Dr. Fax #: (505) 393-0720

Contact Person: Donna Williams

Invoice to: (If different from above) Bill Olson

Project #: Guardian Project Name: Guardian

Project Location: 1306 Broadway Sampler Signature: Donna Williams

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX					PRESERVATIVE METHOD						SAMPLING		
				WATER	SOIL	AIR	SLUDGE	<i>mixture</i>	HCL	HNO3	NaHSO ₄	H ₂ SO ₄	NaOH	ICE	NONE	DATE	TIME
142612	0003141120	1	40 ml	X			X	<i>2</i>			X			X		03/14/00	11:20
	0003141120	1	40 ml	X			X	<i>2</i>			X			X		3/14/00	11:20
	0003141120	1	1 liter	X			X	<i>2</i>						X		3/14/00	11:20
	0003141120	1	16 oz	X			X	<i>2</i>						X		3/14/00	11:20

ANALYSIS REQUEST (Circle or Specify Method No.)															
MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	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 (Oct item # 008)	GC/MS Semi. Vol. 8270C/825	PCBs 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard
										X					
										X					
										X					
										X					

Relinquished by: Donna Williams Date: 3/14/00 Time: 1300

Relinquished by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____

LAB USE ONLY

Intact (Y) / N
Headspace Y / (N)
Temp 10
Log-in Review ms

REMARKS:

4/4

STATE OF NEW MEXICO

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
JACK FORD	DONNA WILLIAMS
FAX NUMBER:	DATE:
1-505-827-8177	04-05-00
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER:
GUARDIAN	6
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:
	505-393-6161 EXT...113

DISCHARGE PLAN

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT

☐ PLEASE REPLY

☐ PLEASE RECYCLE

NOTES/COMMENTS:

Jack,

Here are the analyticals that were sent to me from Trace. You need to give me a call on these if you will. I have a few doubts about all of this. I appreciate it.

THANKS AGAIN.☺

IF YOU HAVE ANY QUESTIONS PLEASE DON'T HESITATE TO CALL (505)-
393-6161 EXT...113

DONNA WILLIAMS

TRACE ANALYSIS, INC.

3701 Abernethy Avenue, Suite 3 El Paso, Texas 79924 806-794-2951 FAX 806-794-1253
 4725 Midway Avenue, Suite A El Paso, Texas 79922 806-588-2443 FAX 806-588-4944
 E-Mail: lab@traceanalysis.com

April 04, 2000

Receiving Date: 03/15/2000

Sample Type: Water

Project No: NA

Project Location: 130E Broadway

ANALYTICAL RESULTS FOR

NM OIL CONSERVATION DIVISION

Attention: Donna Williams

1625 N. French Dr.

Hobbs, NM 88240

Prep Date: 03/22/2000

Analysis Date: 03/23/2000

Sampling Date: 03/14/2000

Sample Condition: Intact & Cool

Sample Received by: VH

Project Name: Guardian

TA#	Field Code	DISSOLVED Na (mg/L)	DISSOLVED K (mg/L)	DISSOLVED Mg (mg/L)	DISSOLVED Ca (mg/L)
-----	------------	------------------------	-----------------------	------------------------	------------------------

T142612 0003141120

843

32

20

68

ICV

21.5

20.7

20.9

20.9

CCV

21.4

20.6

21.5

21.7

Reporting Limit

0.50

0.50

0.50

0.50

METHOD BLANK

<0.50

<0.50

<0.50

<0.50

RPD

1

1

1

1

% Extraction Accuracy

95

97

101

101

% Instrument Accuracy

107

103

106

106

METHODS: EPA SW 846-3025A, 6010B.

CHEMIST: RR

SPIKE: 1,000 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.

CV: 20 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.

Director Dr. Blair Leftwich

Date

4-4-00

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800-378-1296 806-794-1296 FAX 806-794-1296
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888-588-3443 915-505-3443 FAX 915-505-4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Donna Williams
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: 4/4/00

Project Number: N/A
Project Name: Guardian
Project Location: 1306 Broadway

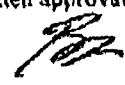
Order ID Number: A00031516

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc. for analysis:

Sample Number	Sample Description	Matrix	Date Taken	Time Taken	Date Received
142612	0003141120	Water	3/14/00	11:20	3/15/00

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.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Lentwich, Director

APR-05-00 08:35 From:8152219

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 2 of 12

N/A

Guardian

1306 Broadway

Analytical Results Report

Sample Number: 142612
Description: 0003141120

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RFL
8260 (µg/L)									
Bromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dichlorodifluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloromethane (methyl chloride)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Vinyl Chloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromomethane (methyl bromide)	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Chloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichlorofluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acetone	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
Iodomethane (methyl iodide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Disulfide	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acrylonitrile	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Butanone (MEK)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-methyl-2-pentanone (MIBK)	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
2-Hexanone	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,4-Dichloro-2-butene	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
1,1-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Methylene chloride	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
MCHL	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,2-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
cis-1,2-dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloroethane (EDC)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloroform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Benzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Tetrachloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichloroethene (TCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromomethane (methylene bromide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromodichloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chloroethyl vinyl ether	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
cis-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Toluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,2-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromoethane (EDB)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Tetrachloromethane (PCF)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1,2-Tetrachloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Ethylbenzene	173.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
m,p-Xylene	445.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromoform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Styrene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
o-Xylene	280.50	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2

APR-05-00 08:35 From:8152219

Order ID Number: A00031516

Page Number: 3 of 12

N/A

Guardian

1306 Broadway

1,1,2,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,3-Trichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Isopropylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Propylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3,5-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
tert-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,4-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,4-Dichlorobenzene (para)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
sec-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
p-Isopropyltoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichlorobenzene (ortho)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromo-3-chloropropane	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,3-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,4-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Naphthalene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Hexachlorobutadiene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Surrogate (µg/L)	Result	Dilution	Spike Amount	% Rec	% Rec Limit	Analyst	Prep Batch #	QC Batch #	
Dibromofluoromethane	54.98	1	50	110	72 - 128	JG	PB01439	QC01715	
Toluene-d8	50.55	1	50	101	91 - 107	JG	PB01439	QC01715	
4-Bromofluorobenzene	50.97	1	50	102	74 - 106	JG	PB01439	QC01715	
Hg Total (mg/L)									
Total Mercury	0.00091	1	S 7470A	3/15/00	3/16/00	JP	PB01392	QC01664	0.0002
Total Metals (mg/L)									
Total Aluminum	<1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Total Arsenic	<0.05	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Barium	15	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Boron	0.93	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Cadmium	0.83	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.005
Total Chromium	1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Cobalt	0.23	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Copper	4.9	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Iron	378	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Lead	13	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Manganese	2.7	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Molybdenum	2.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Nickel	0.5	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Selenium	<0.01	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Silica	34	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Silver	0.03	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.001
Total Zinc	38	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Test Comments		1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	

LEA COUNTY SEPTIC TANK SERVICE

Federal I.D. #85-0305287
 P.O. Box 703
 HOBBS, NEW MEXICO 88241
 (505) 397-2382

Mr. Taylor

- Called on 4-5-00 @ 9:20 A.M.
 Left message for them to
 call me.

NAME		DATE	
Rich Mc Cart		3-3-00	
ADDRESS		PHONE	
1306 W Broadway		HOBBS NM 88241	
SOLD BY	CASH	C.O.D.	CHARGE
		ON ACCT.	MOSE. RETD.
QTY.	DESCRIPTION		AMOUNT
	Pumping		
	Puls 1306		
	West Broadway		397.50
	We removed		
	approx 25 barrels		
	mixing it with water include		
	EE Taylor 4/4/00		
	Paid		
RECEIVED BY	TAX		
	TOTAL		397.50

8800

NEBB To Reorder Call
 1-800-225-6380

THANK YOU

All claims and returned goods MUST be accompanied by this bill.



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

April 10, 2000

CERTIFIED MAIL
RETURN RECEIPT NO. 5050 9504

Mr. Murry Erickson
Guardian Wellhead Protection Service
5606 Carlsbad Highway
Hobbs, New Mexico 88240

RE: Guardian Wellhead Protection Service Facility
1306 West Broadway
Hobbs, New Mexico 88240

Dear Mr. Erickson:

It has been brought to the attention of the New Mexico Oil Conservation Division (OCD), Environmental Bureau, that the above reference address was occupied by Guardian Wellhead Protection Service and that a Class V well existed at that facility. This facility referenced above was not operated pursuant to an approved discharge plan. An inspection of the site by OCD personnel revealed that hydrocarbon fluids had been placed into the well system in violation of the Water Quality Control Commission (WQCC) and OCD rules and regulations, specifically, WQCC Section 5101. This practice is a threat to the environment.

Provide the OCD with a workplan for the investigation of the Class V well and the associated drainage field at the 1306 West Broadway site for review and approval. If it is determined, by the investigation, that soils and/or ground water have been impacted by the practice of disposal of hydrocarbon effluent into the Class V well a remediation plan will be submitted within 60 days of completion of the investigative phase for review and approval. The investigation workplan will be submitted to the OCD Santa Fe office by June 1, 2000.

If you have any questions contact me at 505-827-7156.

Sincerely,

W. Jack Ford, C.P.G.
Oil Conservation Division

cc: OCD Hobbs District Office

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424
El Paso, Texas 79922

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Bill To: **OCD**
2040 S. Pacheco
Santa Fe, NM 87505

APR 10 2000

Invoice # 41711

Invoice Date: **Apr 5, 2000**

Order ID: **A00031516**

Attn: **Wayne Price**

Project #: **N/A**
Project Name: **Guardian**
Project Location: **1306 Broadway**

Test	Quantity	Matrix	Description	Price	SubTotal
Hg, Total	1	Water	142612 - 142612	\$12.00	\$12.00
Ag, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Al, Total	1	Water	142612 - 142612	\$10.00	\$10.00
As, Total	1	Water	142612 - 142612	\$10.00	\$10.00
B, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Ba, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Ca, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Cd, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Co, Total	1	Water	142612 - 142612	\$10.00	\$10.00
8260	1	Water	142612 - 142612	\$120.00	\$120.00
Fe, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Zn, Total	1	Water	142612 - 142612	\$10.00	\$10.00
K, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Mg, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Mn, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Mo, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Na, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Ni, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Pb, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Se, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Si, Total	1	Water	142612 - 142612	\$10.00	\$10.00
Cu, Total	1	Water	142612 - 142612	\$10.00	\$10.00

Payment Terms: **Net 30 Days**

Total **\$332.00**

Director, Dr. Blair Leftwich

APPROVED
Wayne Price
4/14/00

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424 800•378•1296
El Paso, Texas 79922 888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
915•585•3443 FAX 915•585•4944

April 04, 2000
Receiving Date: 03/15/2000
Sample Type: Water
Project No: NA
Project Location: 1306 Broadway

ANALYTICAL RESULTS FOR
NM OIL CONSERVATION DIVISION
Attention: Donna Williams
1625 N. French Dr.
Hobbs, NM 88240

Prep Date: 03/22/2000
Analysis Date: 03/23/2000
Sampling Date: 03/14/2000
Sample Condition: Intact & Cool
Sample Received by: VH
Project Name: Guardian

TA#	Field Code	DISSOLVED Na (mg/L)	DISSOLVED K (mg/L)	DISSOLVED Mg (mg/L)	DISSOLVED Ca (mg/L)
T142612	0003141120	843	32	20	68
ICV		21.5	20.7	20.9	20.9
CCV		21.4	20.6	21.5	21.7
Reporting Limit		0.50	0.50	0.50	0.50
METHOD BLANK		<0.50	<0.50	<0.50	<0.50
RPD		1	1	1	1
% Extraction Accuracy		95	97	101	101
% Instrument Accuracy		107	103	106	106

METHODS: EPA SW 846-3005A, 6010B.
CHEMIST: RR
SPIKE: 1,000 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.
CV: 20 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.

4-4-00

Director Dr. Blair Leftwich

Date



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Donna Williams
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: 4/4/00

Project Number: N/A
Project Name: Guardian
Project Location: 1306 Broadway

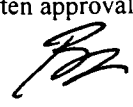
Order ID Number: A00031516

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc. for analysis:

Sample Number	Sample Description	Matrix	Date Taken	Time Taken	Date Received
142612	0003141120	Water	3/14/00	11:20	3/15/00

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.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Analytical Results Report

Sample Number: 142612
Description: 0003141120

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDL
8260 (µg/L)									
Bromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dichlorodifluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloromethane (methyl chloride)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Vinyl Chloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromomethane (methyl bromide)	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Chloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichlorofluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acetone	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
Iodomethane (methyl iodide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Disulfide	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acrylonitrile	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Butanone (MEK)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-methyl-2-pentanone (MIBK)	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
2-hexanone	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,4-Dichloro-2-butene	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
1,1-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Methylene chloride	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
MTBE	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,2-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
cis-1,2-dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloroethane (EDC)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloroform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Benzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Tetrachloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichloroethene (TCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromomethane (methylene bromide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromodichloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chloroethyl vinyl ether	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
cis-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Toluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,2-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromoethane (EDB)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Tetrachloroethene (PCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Ethylbenzene	173.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
m,p-Xylene	445.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromoform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Styrene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
o-Xylene	280.50	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2

N/A	Guardian				1306 Broadway				
1,1,2,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,3-Trichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Isopropylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Propylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3,5-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
tert-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,4-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,4-Dichlorobenzene (para)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
sec-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
p-Isopropyltoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichlorobenzene (ortho)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromo-3-chloropropane	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,3-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,4-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Naphthalene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Hexachlorobutadiene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Surrogate (µg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
Dibromofluoromethane	54.98	1	50	110	72 - 128	JG	PB01439	QC01715	
Toluene-d8	50.55	1	50	101	91 - 107	JG	PB01439	QC01715	
4-Bromofluorobenzene	50.97	1	50	102	74 - 106	JG	PB01439	QC01715	
Hg, Total (mg/L)									
Total Mercury	0.00091	1	S 7470A	3/15/00	3/16/00	BP	PB01392	QC01664	0.0002
Total Metals (mg/L)									
Total Aluminum	<1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Total Arsenic	<0.05	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Barium	15	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Boron	0.93	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Cadmium	0.83	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.005
Total Chromium	1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Cobalt	0.23	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Copper	4.9	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Iron	378	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Lead	13	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Manganese	2.7	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Molybdenum	2.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Nickel	0.5	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Selenium	<0.01	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Silica	34	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Silver	0.03	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.001
Total Zinc	38	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Test Comments	.	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	

Quality Control Report

Method Blanks

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Bromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dichlorodifluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloromethane (methyl chloride) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Vinyl Chloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Bromomethane (methyl bromide) (µg/L)		<2.00	5	3/25/00	PB01439	QC01715
Chloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichlorofluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acetone (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
Iodomethane (methyl iodide) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Disulfide (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acrylonitrile (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Butanone (MEK) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
4-methyl-2-pentanone (MIBK) (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
2-hexanone (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans 1,4-Dichloro-2-butene (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
1,1-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Methylene chloride (µg/L)		<5.00	5	3/25/00	PB01439	QC01715
MTBE (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,2-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
cis-1,2-dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloroethane (EDC) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloroform (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Benzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Tetrachloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichloroethene (TCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromomethane (methylene bromide) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Bromodichloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Chloroethyl vinyl ether (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
cis-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Toluene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,2-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,3-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dibromoethane (EDB) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Tetrachloroethene (PCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chlorobenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1,2-Tetrachloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Ethylbenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
m,p-Xylene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715

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Bromoform (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Styrene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
o-Xylene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,1,2,2-Tetrachloroethane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
2-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2,3-Trichloropropane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Isopropylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Bromobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
n-Propylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,3,5-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
tert-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2,4-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,4-Dichlorobenzene (para) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
sec-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,3-Dichlorobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
p-Isopropyltoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
4-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichlorobenzene (ortho) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
n-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2-Dibromo-3-chloropropane (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
1,2,3-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
1,2,4-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
Naphthalene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Hexachlorobutadiene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
Surrogate	Result	Spike Amount	% Rec.	% Rec. Limit	QC Batch #
Dibromofluoromethane (µg/L)	52.55	50	105	72 - 128	QC01715
Toluene-d8 (µg/L)	50.58	50	101	91 - 107	QC01715
4-Bromofluorobenzene (µg/L)	50.86	50	102	74 - 106	QC01715

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Mercury (mg/L)		<0.0002	0.0002	3/16/00	PB01392	QC01664

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Aluminum (mg/L)		<1.0	1	3/21/00	PB01337	QC01672
Total Arsenic (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Barium (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Boron (mg/L)		<0.01	0.05	3/21/00	PB01337	QC01672
Total Cadmium (mg/L)		<0.005	0.005	3/21/00	PB01337	QC01672
Total Chromium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Cobalt (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Copper (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Iron (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Lead (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Manganese (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Molybdenum (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Nickel (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Selenium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Silica (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672

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Total Silver (mg/L)	<0.001	0.001	3/21/00	PB01337	QC01672
Total Zinc (mg/L)	<0.10	1	3/21/00	PB01337	QC01672

Quality Control Report

Matrix Spike and Matrix Duplicate Spike

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Mercury (mg/L)	<0.0002	1	0.001	0.00120	120		80 - 120	-	QC01664
MSD	Total Mercury (mg/L)	<0.0002	1	0.001	0.00112	112	7	-	0 - 20	QC01664

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Aluminum (mg/L)	<1.0	1	1	*	0		75 - 125	-	QC01672
MS	Total Arsenic (mg/L)	<0.05	1	1	*	0		75 - 125	-	QC01672
MS	Total Barium (mg/L)	15	1	1	*	0		75 - 125	-	QC01672
MS	Total Boron (mg/L)	0.93	1	1	1.81	181		75 - 125	-	QC01672
MS	Total Cadmium (mg/L)	0.83	1	1	1.65	165		75 - 125	-	QC01672
MS	Total Chromium (mg/L)	1.0	1	1	1.97	197		75 - 125	-	QC01672
MS	Total Cobalt (mg/L)	0.23	1	1	0.977	98		75 - 125	-	QC01672
MS	Total Copper (mg/L)	4.9	1	1	7.01	701		75 - 125	-	QC01672
MS	Total Iron (mg/L)	378	1	1	*	0		75 - 125	-	QC01672
MS	Total Lead (mg/L)	13	1	1	*	0		75 - 125	-	QC01672
MS	Total Manganese (mg/L)	2.7	1	1	3.81	381		75 - 125	-	QC01672
MS	Total Molybdenum (mg/L)	2.0	1	1	2.9	290		75 - 125	-	QC01672
MS	Total Nickel (mg/L)	0.5	1	1	1.28	128		75 - 125	-	QC01672
MS	Total Selenium (mg/L)	<0.01	1	1	*	0		75 - 125	-	QC01672
MS	Total Silica (mg/L)	34	1	1	*	0		75 - 125	-	QC01672
MS	Total Silver (mg/L)	0.03	1	0.2	0.145	73		75 - 125	-	QC01672
MS	Total Zinc (mg/L)	38	1	1	*	0		75 - 125	-	QC01672

* Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc Use LCS/LCSD for Extraction Accuracy.

MSD	Total Aluminum (mg/L)	<1.0	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Arsenic (mg/L)	<0.05	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Barium (mg/L)	15	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Boron (mg/L)	0.93	1	1	1.76	176	3	-	0 - 20	QC01672
MSD	Total Cadmium (mg/L)	0.83	1	1	1.63	163	1	-	0 - 20	QC01672
MSD	Total Chromium (mg/L)	1.0	1	1	1.89	189	4	-	0 - 20	QC01672
MSD	Total Cobalt (mg/L)	0.23	1	1	0.946	95	3	-	0 - 20	QC01672
MSD	Total Copper (mg/L)	4.9	1	1	6.58	658	6	-	0 - 20	QC01672
MSD	Total Iron (mg/L)	378	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Lead (mg/L)	13	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Manganese (mg/L)	2.7	1	1	3.58	358	6	-	0 - 20	QC01672
MSD	Total Molybdenum (mg/L)	2.0	1	1	2.85	285	1	-	0 - 20	QC01672
MSD	Total Nickel (mg/L)	0.5	1	1	1.23	123	3	-	0 - 20	QC01672
MSD	Total Selenium (mg/L)	<0.01	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silica (mg/L)	34	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silver (mg/L)	0.03	1	0.2	0.164	82	12	-	0 - 20	QC01672

N/A

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MSD Total Zinc (mg/L) 38 1 1 * 0 0 - 0 - 20 QC01672

* Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc Use LCS/LCSD for Extraction Accuracy.

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		79 - 129	-	QC01715
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		80 - 120	-	QC01715
MS	Benzene (ug/L)	<2.00	1	100	107	107		77 - 130	-	QC01715
MS	Trichloroethene (TCE) (ug/L)	<2.00	1	100	108	108		83 - 108	-	QC01715
MS	Toluene (ug/L)	<2.00	1	100	105	105		85 - 114	-	QC01715
MS	Chlorobenzene (ug/L)	<2.00	1	100	103	103		87 - 114	-	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MS	Dibromofluoromethane (µg/L)	51.92	1	50	JG	104		72 - 128	PB01439	QC01715
MS	Toluene-d8 (µg/L)	50.22	1	50	JG	100		91 - 107	PB01439	QC01715
MS	4-Bromofluorobenzene (µg/L)	51.85	1	50	JG	104		74 - 106	PB01439	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	Benzene (ug/L)	<2.00	1	100	107	107	0	-	0 - 20	QC01715
MSD	Trichloroethene (TCE) (ug/L)	<2.00	1	100	109	109	1	-	0 - 20	QC01715
MSD	Toluene (ug/L)	<2.00	1	100	106	106	1	-	0 - 20	QC01715
MSD	Chlorobenzene (ug/L)	<2.00	1	100	105	105	2	-	0 - 20	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MSD	Dibromofluoromethane (µg/L)	51.14	1	50	JG	102		72 - 128	PB01439	QC01715
MSD	Toluene-d8 (µg/L)	49.77	1	50	JG	100		91 - 107	PB01439	QC01715
MSD	4-Bromofluorobenzene (µg/L)	52.35	1	50	JG	105		74 - 106	PB01439	QC01715

Quality Control Report

Lab Control Spikes and Duplicate Spike

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS 1,1-Dichloroethene (ug/L)	* <2.00	1	100	132	132		80 - 120	-	QC01715
LCS Benzene (ug/L)	<2.00	1	100	118	118		77 - 130	-	QC01715
LCS Trichloroethene (TCE) (ug/L)	<2.00	1	100	113	113		83 - 108	-	QC01715
LCS Toluene (ug/L)	<2.00	1	100	111	111		85 - 114	-	QC01715
LCS Chlorobenzene (ug/L)	<2.00	1	100	115	115		87 - 114	-	QC01715

* 1,1-Dichloroethene - recovery out of control limits due to prep analyst error.

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCS	Dibromofluoromethane (µg/L)	1	50	49.75	100	72 - 128	QC01715
LCS	Toluene-d8 (µg/L)	1	50	51.08	102	91 - 107	QC01715
LCS	4-Bromofluorobenzene (µg/L)	1	50	50.40	101	74 - 106	QC01715

LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD Benzene (ug/L)	<2.00	1	100	112	112	5	-	0 - 20	QC01715
LCSD Trichloroethene (TCE) (ug/L)	<2.00	1	100	107	107	5	-	0 - 20	QC01715
LCSD Toluene (ug/L)	<2.00	1	100	107	107	4	-	0 - 20	QC01715
LCSD Chlorobenzene (ug/L)	<2.00	1	100	108	108	6	-	0 - 20	QC01715

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCSD	Dibromofluoromethane (µg/L)	1	50	51.09	102	72 - 128	QC01715
LCSD	Toluene-d8 (µg/L)	1	50	50.42	101	91 - 107	QC01715
LCSD	4-Bromofluorobenzene (µg/L)	1	50	51.07	102	74 - 106	QC01715

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Mercury (mg/L)	<0.0002	1	0.001	0.00099	99		80 - 120	-	QC01664
LCSD Total Mercury (mg/L)	<0.0002	1	0.001	0.00102	102	3	-	0 - 20	QC01664

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Aluminum (mg/L)	<1.0	1	1	1.02	102		75 - 125	-	QC01672
LCS Total Arsenic (mg/L)	<0.05	1	1	0.934	93		75 - 125	-	QC01672
LCS Total Barium (mg/L)	<0.05	1	1	0.938	94		75 - 125	-	QC01672
LCS Total Boron (mg/L)	<0.01	1	1	0.898	90		75 - 125	-	QC01672
LCS Total Cadmium (mg/L)	<0.005	1	1	0.952	95		75 - 125	-	QC01672
LCS Total Chromium (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Cobalt (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Copper (mg/L)	<0.10	1	1	0.993	99		75 - 125	-	QC01672
LCS Total Iron (mg/L)	<0.10	1	1	1.04	104		75 - 125	-	QC01672

N/A

Guardian

1306 Broadway

LCS	Total Lead (mg/L)	<0.01	1	1	1.15	115	75 - 125	-	QC01672
LCS	Total Manganese (mg/L)	<0.10	1	1	0.971	97	75 - 125	-	QC01672
LCS	Total Molybdenum (mg/L)	<0.10	1	1	0.992	99	75 - 125	-	QC01672
LCS	Total Nickel (mg/L)	<0.10	1	1	0.985	99	75 - 125	-	QC01672
LCS	Total Selenium (mg/L)	<0.01	1	1	0.884	88	75 - 125	-	QC01672
LCS	Total Silica (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCS	Total Silver (mg/L)	<0.001	1	0.2	0.191	96	75 - 125	-	QC01672
LCS	Total Zinc (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCSD	Total Aluminum (mg/L)	<1.0	1	1	< 1	96	6	-	0 - 20 QC01672
LCSD	Total Arsenic (mg/L)	<0.05	1	1	0.905	91	3	-	0 - 20 QC01672
LCSD	Total Barium (mg/L)	<0.05	1	1	0.993	99	6	-	0 - 20 QC01672
LCSD	Total Boron (mg/L)	<0.01	1	1	0.904	90	1	-	0 - 20 QC01672
LCSD	Total Cadmium (mg/L)	<0.005	1	1	0.932	93	2	-	0 - 20 QC01672
LCSD	Total Chromium (mg/L)	<0.01	1	1	0.950	95	2	-	0 - 20 QC01672
LCSD	Total Cobalt (mg/L)	<0.01	1	1	0.935	94	3	-	0 - 20 QC01672
LCSD	Total Copper (mg/L)	<0.10	1	1	0.976	98	2	-	0 - 20 QC01672
LCSD	Total Iron (mg/L)	<0.10	1	1	1.16	116	11	-	0 - 20 QC01672
LCSD	Total Lead (mg/L)	<0.01	1	1	1.17	117	2	-	0 - 20 QC01672
LCSD	Total Manganese (mg/L)	<0.10	1	1	0.962	96	1	-	0 - 20 QC01672
LCSD	Total Molybdenum (mg/L)	<0.10	1	1	0.944	94	5	-	0 - 20 QC01672
LCSD	Total Nickel (mg/L)	<0.10	1	1	0.951	95	4	-	0 - 20 QC01672
LCSD	Total Selenium (mg/L)	<0.01	1	1	0.858	86	3	-	0 - 20 QC01672
LCSD	Total Silica (mg/L)	<0.10	1	1	1.12	112	10	-	0 - 20 QC01672
LCSD	Total Silver (mg/L)	<0.001	1	0.2	0.190	95	1	-	0 - 20 QC01672
LCSD	Total Zinc (mg/L)	<0.10	1	1	1.06	106	5	-	0 - 20 QC01672

Quality Control Report

Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Vinyl Chloride (µg/L)		100	114	114	80 - 120	3/25/00	QC01715
CCV 1	1,1-Dichloroethene (µg/L)		100	113	113	80 - 120	3/25/00	QC01715
CCV 1	Chloroform (µg/L)		100	115	115	80 - 120	3/25/00	QC01715
CCV 1	1,2-Dichloropropane (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene (µg/L)		100	105	105	80 - 120	3/25/00	QC01715
CCV 1	Chlorobenzene (µg/L)		100	106	106	80 - 120	3/25/00	QC01715
CCV 1	Ethylbenzene (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Dibromofluoromethane (µg/L)		50	53.40	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene-d8 (µg/L)		50	50.28	101	80 - 120	3/25/00	QC01715
CCV 1	4-Bromofluorobenzene (µg/L)		50	52.99	106	80 - 120	3/25/00	QC01715

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Mercury (mg/L)		0.001	0.00107	107	80 - 120	3/16/00	QC01664
CCV 1	Total Mercury (mg/L)		0.001	0.00110	110	80 - 120	3/16/00	QC01664

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Aluminum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Arsenic (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
ICV	Total Boron (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
ICV	Total Cadmium (mg/L)		1	0.97	97	75 - 125	3/21/00	QC01672
ICV	Total Chromium (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Cobalt (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Copper (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Lead (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
ICV	Total Manganese (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Molybdenum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Nickel (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
ICV	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Silver (mg/L)		0.2	0.195	98	75 - 125	3/21/00	QC01672
ICV	Total Zinc (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Aluminum (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Arsenic (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
CCV 1	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Boron (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672

Quality Control Report

Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Total Cadmium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Chromium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Cobalt (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Copper (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Lead (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Manganese (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Molybdenum (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Nickel (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Silver (mg/L)		0.2	0.189	95	75 - 125	3/21/00	QC01672
CCV 1	Total Zinc (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # A00031516

ANALYSIS REQUEST

(Circle or Specify Method No.)

Company Name: NM Oil Conservation Division Phone #: (505) 393-6161 x. 113

Address: (Street, City, Zip) 1625 N. French Dr. Fax #: (505) 393-0720

Contact Person: Donna Williams

Invoice to:
(If different from above) Bill Olson

Project #: Guardian Project Name: Guardian

Project Location: 1306 Broadway

Sampler Signature: Donna Williams

[illegible]

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
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Donna Williams 3/14/00 1300

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
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Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
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Received at Laboratory by: Nick Binsley Date: 3-15-00 Time: 10:30 AM

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 10
Log-in Review ms

REMARKS:

4/5

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

Carrier # 7ed 21 475-5724 654

GUARDIAN

WELLHEAD PROTECTION CO.

04-26-96

brought in by Rick & Penny McCart

03-13-00



JPG File:- scan6

GUARDIAN
WELLHEAD PROTECTION CO.
04-26-96
brought in by Rick & Penny McCart
03-13-00



GUARDIAN WELLHEAD PROTECTION CO.
pictures taken on 03-02-2000
by Rick & Penny McCart
brought into office on 03-13-00



GUARDIAN WELLHEAD PROTECTION CO.
pictures taken on 03-02-2000
by Rick & Penny McCart
brought into office on 03-13-00



GUARDIAN WELLHEAD PROTECTION CO.
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brought into office on 03-13-00



GUARDIAN WELLHEAD PROTECTION CO.
pictures taken on 03-02-2000
by Rick & Penny McCart
brought into office on 03-13-00



LEA COUNTY SEPTIC TANK SERVICE

Federal I.D. #85-0305287

P.O. Box 703

HOBBS, NEW MEXICO 88241

(505) 397-2382

Mr. Taylor

Called on 4-5-00 @ 9:20 A.M.
Left message for them to
call me.

NAME		DATE	
Rich McCart		3-3-00	
ADDRESS		PHONE	
1306 W. Broadway			
HOBBS, NM 88241			
SOLD BY	CASH	C.O.D.	CHARGE
		ON ACCT.	MOSE. RET'D.
QTY.	DESCRIPTION	AMOUNT	
	Pumping		
	Pills 1386		
	West Broadway		397.50
	We removed		
	apparel, 25 barrels		
	mixing it with water, include		
	EE Taylor 4/4/00		
	Jaid		
RECEIVED BY	TAX		
TOTAL		397.50	

8800



To Reorder Call
1-800-225-6380

THANK YOU

All claims and returned goods MUST be accompanied by this bill.

TRACE ANALYSIS, INC.

5701 Aberdeen Avenue, Suite B Lubbock, Texas 79424 EOD • 378 • 1295 80E • 794 • 1236 FAX 306 • 794 • 1293
 4725 Ripley Avenue, Suite A El Paso, Texas 79922 E38 • 588 • 3443 91E • 585 • 3443 FAX 915 • 585 • 4944
 E-Mail: lab@traceanalysis.com

April 04, 2000
 Receiving Date: 03/15/2000
 Sample Type: Water
 Project No: NA
 Project Location: 1306 Broadway

ANALYTICAL RESULTS FOR
 NM OIL CONSERVATION DIVISION
 Attention: Donna Williams
 1625 N. French Dr.
 Hobbs, NM 88240

Prep Date: 03/22/2000
 Analysis Date: 03/23/2000
 Sampling Date: 03/14/2000
 Sample Condition: Intact & Cool
 Sample Received by: VH
 Project Name: Guardian

TA#	Field Code	DISSOLVED Na (mg/L)	DISSOLVED K (mg/L)	DISSOLVED Mg (mg/L)	DISSOLVED Ca (mg/L)
T142612	0003141120	843	32	20	68
ICV		21.5	20.7	20.9	20.9
CCV		21.4	20.6	21.5	21.7
Reporting Limit		0.50	0.50	0.50	0.50
METHOD BLANK		<0.50	<0.50	<0.50	<0.50
RPD		1	1	1	1
% Extraction Accuracy		95	97	101	101
% Instrument Accuracy		107	103	106	106

METHODS: EPA SW 846-3005A, 6010B.

CHEMIST: RR

SPIKE: 1,000 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.

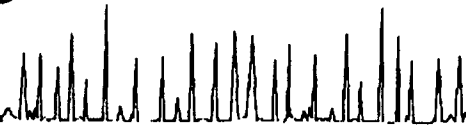
CV: 20 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.


 Director Dr. Blair Leftwich

4-4-00
 Date



TRACEANALYSIS, INC.



6701 Aberdeen Avenue, Suite 9
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424
El Paso, Texas 79922

800•378•1296
808•581•1443

806•794•1296
915•505•3443

FAX 806•794•1298
FAX 915•505•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Donna Williams
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: 4/4/00

Project Number: N/A
Project Name: Guardian
Project Location: 1306 Broadway

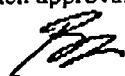
Order ID Number: A00031516

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc. for analysis:

Sample Number	Sample Description	Matrix	Date Taken	Time Taken	Date Received
142612	0003141120	Water	3/14/00	11:20	3/15/00

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.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Lettwich, Director

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 2 of 12

N/A

Guardian

1306 Broadway

Analytical Results Report

Sample Number: 142612

Description: 0003141120

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDI
8260 (µg/L)									
Bromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dichlorodifluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloromethane (methyl chloride)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Vinyl Chloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromomethane (methyl bromide)	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Chloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichlorofluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acetone	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
Iodomethane (methyl iodide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Disulfide	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acrylonitrile	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Butanone (MEK)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-methyl-2-pentanone (MIBK)	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
2-Hexanone	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,4-Dichloro-2-butene	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
1,1-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Methylene chloride	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
MTHB	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,2-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
cis-1,2-dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloroethane (EDC)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloroform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Benzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Tetrachloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichloroethene (TCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromomethane (methylene bromide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromodichloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chloroethyl vinyl ether	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
cis-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Toluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,2-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromoethane (EDB)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Tetrachloroethene (PCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Ethylbenzene	173.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
m,p-Xylene	445.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromoform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Styrene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Xylene	280.50	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2

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1,1,2,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,3-Trichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Isopropylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Propylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3,5-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
tert-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,4-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,4-Dichlorobenzene (para)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
sec-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
p-Isopropyltoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichlorobenzene (ortho)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromo-3-chloropropane	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,3-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,4-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Naphthalene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Hexachlorobutadiene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Surrogate (µg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #	
Dibromofluoromethane	54.98	1	50	110	72 - 128	JG	PB01439	QC01715	
Toluene-d8	50.55	1	50	101	91 - 107	JG	PB01439	QC01715	
4-Bromofluorobenzene	50.97	1	50	102	74 - 106	JG	PB01439	QC01715	
Hg, Total (mg/L)	0.00091	1	S 7470A	3/15/00	3/16/00	BP	PB01392	QC01664	0.0002
Total Mercury									
Total Metals (mg/L)									
Total Aluminum	<1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Total Arsenic	<0.05	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Barium	15	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Boron	0.93	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Cadmium	0.83	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.005
Total Chromium	1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Cobalt	0.23	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Copper	4.9	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Iron	378	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Lead	13	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Manganese	2.7	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Molybdenum	2.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Nickel	0.5	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Selenium	<0.01	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Silica	34	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Silver	0.03	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.001
Total Zinc	38	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Test Comments		1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	

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N/A

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Quality Control Report

Method Blanks

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Bromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dichlorodifluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloromethane (methyl chloride) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Vinyl Chloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Bromomethane (methyl bromide) (µg/L)		<2.00	5	3/25/00	PB01439	QC01715
Chloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichlorofluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acetone (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
Iodomethane (methyl iodide) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Disulfide (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acrylonitrile (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Butanone (MEK) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
4-methyl-2-pentanone (MIBK) (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
2-hexanone (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,4-Dichloro-2-butene (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
1,1-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Methylene chloride (µg/L)		<5.00	5	3/25/00	PB01439	QC01715
MTBE (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,2-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
cis-1,2-dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloroethane (EDC) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloroform (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Benzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Tetrachloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichloroethene (TCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromomethane (methylene bromide) (µg)		<2.00	2	3/25/00	PB01439	QC01715
Bromodichloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Chloroethyl vinyl ether (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
cis-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Toluene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,2-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,3-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dibromoethane (EDB) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Tetrachloroethene (PCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chlorobenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1,2-Tetrachloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Ethylbenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
m,p-Xylene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715

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Bromoform (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
Styrene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
o-Xylene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,1,2,2-Tetrachloroethane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
2-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,2,3-Trichloropropane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
Isopropylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
Bromobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
n-Propylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,3,5-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
tert-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,2,4-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,4-Dichlorobenzene (para) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
sec-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,3-Dichlorobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
p-Isopropyltoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
4-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,2-Dichlorobenzene (ortho) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
n-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
1,2-Dibromo-3-chloropropane (µg/L)	<5.00	5	3/25/00	PB01439	QC01715	
1,2,3-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715	
1,2,4-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715	
Naphthalene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715	
Hexachlorobutadiene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715	
Surrogate	Result	Spike Amount	% Rec.	% Rec. Limit	QC Batch #	
Dibromofluoromethane (µg/L)	52.55	50	105	72 - 128	QC01715	
Toluene-d8 (µg/L)	50.58	50	101	91 - 107	QC01715	
4-Bromofluorobenzene (µg/L)	50.86	50	102	74 - 106	QC01715	

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Mercury (mg/L)		<0.0002	0.0002	3/16/00	PB01392	QC01664

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Aluminum (mg/L)		<1.0	1	3/21/00	PB01337	QC01672
Total Arsenic (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Barium (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Boron (mg/L)		<0.01	0.05	3/21/00	PB01337	QC01672
Total Cadmium (mg/L)		<0.005	0.005	3/21/00	PB01337	QC01672
Total Chromium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Cobalt (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Copper (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Iron (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Lead (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Manganese (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Molybdenum (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Nickel (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Selenium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Silica (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672

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Total Silver (mg/L)

<0.001

0.001

3/21/00

PB01337

QC01672

Total Zinc (mg/L)

<0.10

1

3/21/00

PB01337

QC01672

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N/A

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Quality Control Report Matrix Spike and Matrix Duplicate Spike

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Mercury (mg/L)	<0.0002	1	0.001	0.00120	120		80 - 120	-	QC01664
MSD	Total Mercury (mg/L)	<0.0002	1	0.001	0.00112	112	7	-	0 - 20	QC01664

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Aluminum (mg/L)	<1.0	1	1	*	0		75 - 125	-	QC01672
MS	Total Arsenic (mg/L)	<0.05	1	1	*	0		75 - 125	-	QC01672
MS	Total Barium (mg/L)	15	1	1	*	0		75 - 125	-	QC01672
MS	Total Boron (mg/L)	0.93	1	1	1.81	181		75 - 125	-	QC01672
MS	Total Cadmium (mg/L)	0.83	1	1	1.65	165		75 - 125	-	QC01672
MS	Total Chromium (mg/L)	1.0	1	1	1.97	197		75 - 125	-	QC01672
MS	Total Cobalt (mg/L)	0.23	1	1	0.977	98		75 - 125	-	QC01672
MS	Total Copper (mg/L)	4.9	1	1	7.01	701		75 - 125	-	QC01672
MS	Total Iron (mg/L)	378	1	1	*	0		75 - 125	-	QC01672
MS	Total Lead (mg/L)	13	1	1	*	0		75 - 125	-	QC01672
MS	Total Manganese (mg/L)	2.7	1	1	3.81	381		75 - 125	-	QC01672
MS	Total Molybdenum (mg/L)	2.0	1	1	2.9	290		75 - 125	-	QC01672
MS	Total Nickel (mg/L)	0.5	1	1	1.28	128		75 - 125	-	QC01672
MS	Total Selenium (mg/L)	<0.01	1	1	*	0		75 - 125	-	QC01672
MS	Total Silica (mg/L)	34	1	1	*	0		75 - 125	-	QC01672
MS	Total Silver (mg/L)	0.03	1	0.2	0.145	73		75 - 125	-	QC01672
MS	Total Zinc (mg/L)	38	1	1	*	0		75 - 125	-	QC01672

* Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc. Use LCS/LCSD for Extraction Accuracy.

MSD	Total Aluminum (mg/L)	<1.0	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Arsenic (mg/L)	<0.05	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Barium (mg/L)	15	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Boron (mg/L)	0.93	1	1	1.76	176	3	-	0 - 20	QC01672
MSD	Total Cadmium (mg/L)	0.83	1	1	1.63	163	1	-	0 - 20	QC01672
MSD	Total Chromium (mg/L)	1.0	1	1	1.89	189	4	-	0 - 20	QC01672
MSD	Total Cobalt (mg/L)	0.23	1	1	0.946	95	3	-	0 - 20	QC01672
MSD	Total Copper (mg/L)	4.9	1	1	6.58	658	6	-	0 - 20	QC01672
MSD	Total Iron (mg/L)	378	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Lead (mg/L)	13	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Manganese (mg/L)	2.7	1	1	3.58	358	6	-	0 - 20	QC01672
MSD	Total Molybdenum (mg/L)	2.0	1	1	2.85	285	1	-	0 - 20	QC01672
MSD	Total Nickel (mg/L)	0.5	1	1	1.23	123	3	-	0 - 20	QC01672
MSD	Total Selenium (mg/L)	<0.01	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silica (mg/L)	34	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silver (mg/L)	0.03	1	0.2	0.164	82	12	-	0 - 20	QC01672

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N/A

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MSD Total Zinc (mg/L) 38 1 1 * 0 0 - 0 - 20 QC01672

* Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc Use LCS/LCSD for Extraction Accuracy.

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		79 - 129	-	QC01715
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		80 - 120	-	QC01715
MS	Benzene (ug/L)	<2.00	1	100	107	107		77 - 130	-	QC01715
MS	Trichloroethene (TCE) (ug/L)	<2.00	1	100	108	108		83 - 108	-	QC01715
MS	Toluene (ug/L)	<2.00	1	100	105	105		85 - 114	-	QC01715
MS	Chlorobenzene (ug/L)	<2.00	1	100	103	103		87 - 114	-	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MS	Dibromofluoromethane (ug/L)	51.92	1	50	JG	104		72 - 128	PB01439	QC01715
MS	Toluene-d8 (ug/L)	50.22	1	50	JG	100		91 - 107	PB01439	QC01715
MS	4-Bromofluorobenzene (ug/L)	51.85	1	50	JG	104		74 - 106	PB01439	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	Benzene (ug/L)	<2.00	1	100	107	107	0	-	0 - 20	QC01715
MSD	Trichloroethene (TCE) (ug/L)	<2.00	1	100	109	109	1	-	0 - 20	QC01715
MSD	Toluene (ug/L)	<2.00	1	100	106	106	1	-	0 - 20	QC01715
MSD	Chlorobenzene (ug/L)	<2.00	1	100	105	105	2	-	0 - 20	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MSD	Dibromofluoromethane (ug/L)	51.14	1	50	JG	102		72 - 128	PB01439	QC01715
MSD	Toluene-d8 (ug/L)	49.77	1	50	JG	100		91 - 107	PB01439	QC01715
MSD	4-Bromofluorobenzene (ug/L)	52.35	1	50	JG	105		74 - 106	PB01439	QC01715

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 9 of 12

N/A

Guardian

1306 Broadway

Quality Control Report

Lab Control Spikes and Duplicate Spike

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS 1,1-Dichloroethene (ug/L)	* <2.00	1	100	132	132		80 - 120	-	QC01715
LCS Benzene (ug/L)	<2.00	1	100	118	118		77 - 130	-	QC01715
LCS Trichloroethene (TCE) (ug/L)	<2.00	1	100	113	113		83 - 108	-	QC01715
LCS Toluene (ug/L)	<2.00	1	100	111	111		85 - 114	-	QC01715
LCS Chlorobenzene (ug/L)	<2.00	1	100	115	115		87 - 114	-	QC01715

* 1,1-Dichloroethene - recovery out of control limits due to prep analyst error.

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCS	Dibromofluoromethane (ug/L)	1	50	49.75	100	72 - 128	QC01715
LCS	Toluene-d8 (ug/L)	1	50	51.08	102	91 - 107	QC01715
LCS	4-Bromofluorobenzene (ug/L)	1	50	50.40	101	74 - 106	QC01715

LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD Benzene (ug/L)	<2.00	1	100	112	112	5	-	0 - 20	QC01715
LCSD Trichloroethene (TCE) (ug/L)	<2.00	1	100	107	107	5	-	0 - 20	QC01715
LCSD Toluene (ug/L)	<2.00	1	100	107	107	4	-	0 - 20	QC01715
LCSD Chlorobenzene (ug/L)	<2.00	1	100	108	108	6	-	0 - 20	QC01715

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCSD	Dibromofluoromethane (ug/L)	1	50	51.09	102	72 - 128	QC01715
LCSD	Toluene-d8 (ug/L)	1	50	50.42	101	91 - 107	QC01715
LCSD	4-Bromofluorobenzene (ug/L)	1	50	51.07	102	74 - 106	QC01715

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Mercury (mg/L)	<0.0002	1	0.001	0.00099	99		80 - 120	-	QC01664
LCSD Total Mercury (mg/L)	<0.0002	1	0.001	0.00102	102	3	-	0 - 20	QC01664

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Aluminum (mg/L)	<1.0	1	1	1.02	102		75 - 125	-	QC01672
LCS Total Arsenic (mg/L)	<0.05	1	1	0.934	93		75 - 125	-	QC01672
LCS Total Barium (mg/L)	<0.05	1	1	0.938	94		75 - 125	-	QC01672
LCS Total Boron (mg/L)	<0.01	1	1	0.898	90		75 - 125	-	QC01672
LCS Total Cadmium (mg/L)	<0.005	1	1	0.952	95		75 - 125	-	QC01672
LCS Total Chromium (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Cobalt (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Copper (mg/L)	<0.10	1	1	0.993	99		75 - 125	-	QC01672
LCS Total Iron (mg/L)	<0.10	1	1	1.04	104		75 - 125	-	QC01672

Report Date: 4/4/00

Order ID Number: A00031516

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N/A

Guardian

1306 Broadway

LCS	Total Lead (mg/L)	<0.01	1	1	1.15	115	75 - 125	-	QC01672
LCS	Total Manganese (mg/L)	<0.10	1	1	0.971	97	75 - 125	-	QC01672
LCS	Total Molybdenum (mg/L)	<0.10	1	1	0.992	99	75 - 125	-	QC01672
LCS	Total Nickel (mg/L)	<0.10	1	1	0.985	99	75 - 125	-	QC01672
LCS	Total Selenium (mg/L)	<0.01	1	1	0.884	88	75 - 125	-	QC01672
LCS	Total Silica (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCS	Total Silver (mg/L)	<0.001	1	0.2	0.191	96	75 - 125	-	QC01672
LCS	Total Zinc (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCSD	Total Aluminum (mg/L)	<1.0	1	1	<1	96	6	-	0 - 20 QC01672
LCSD	Total Arsenic (mg/L)	<0.05	1	1	0.905	91	3	-	0 - 20 QC01672
LCSD	Total Barium (mg/L)	<0.05	1	1	0.993	99	6	-	0 - 20 QC01672
LCSD	Total Boron (mg/L)	<0.01	1	1	0.904	90	1	-	0 - 20 QC01672
LCSD	Total Cadmium (mg/L)	<0.005	1	1	0.932	93	2	-	0 - 20 QC01672
LCSD	Total Chromium (mg/L)	<0.01	1	1	0.950	95	2	-	0 - 20 QC01672
LCSD	Total Cobalt (mg/L)	<0.01	1	1	0.935	94	3	-	0 - 20 QC01672
LCSD	Total Copper (mg/L)	<0.10	1	1	0.976	98	2	-	0 - 20 QC01672
LCSD	Total Iron (mg/L)	<0.10	1	1	1.16	116	11	-	0 - 20 QC01672
LCSD	Total Lead (mg/L)	<0.01	1	1	1.17	117	2	-	0 - 20 QC01672
LCSD	Total Manganese (mg/L)	<0.10	1	1	0.962	96	1	-	0 - 20 QC01672
LCSD	Total Molybdenum (mg/L)	<0.10	1	1	0.944	94	5	-	0 - 20 QC01672
LCSD	Total Nickel (mg/L)	<0.10	1	1	0.951	95	4	-	0 - 20 QC01672
LCSD	Total Selenium (mg/L)	<0.01	1	1	0.858	86	3	-	0 - 20 QC01672
LCSD	Total Silica (mg/L)	<0.10	1	1	1.12	112	10	-	0 - 20 QC01672
LCSD	Total Silver (mg/L)	<0.001	1	0.2	0.190	95	1	-	0 - 20 QC01672
LCSD	Total Zinc (mg/L)	<0.10	1	1	1.06	106	5	-	0 - 20 QC01672

Report Date: 4/4/00

Order ID Number: A00031516

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N/A

Guardian

1306 Broadway

Quality Control Report

Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Vinyl Chloride (µg/L)		100	114	114	80 - 120	3/25/00	QC01715
CCV 1	1,1-Dichloroethene (µg/L)		100	113	113	80 - 120	3/25/00	QC01715
CCV 1	Chloroform (µg/L)		100	115	115	80 - 120	3/25/00	QC01715
CCV 1	1,2-Dichloropropane (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene (µg/L)		100	105	105	80 - 120	3/25/00	QC01715
CCV 1	Chlorobenzene (µg/L)		100	106	106	80 - 120	3/25/00	QC01715
CCV 1	Ethylbenzene (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Dibromofluoromethane (µg/L)		50	53.40	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene-d8 (µg/L)		50	50.28	101	80 - 120	3/25/00	QC01715
CCV 1	4-Bromofluorobenzene (µg/L)		50	52.99	106	80 - 120	3/25/00	QC01715

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Mercury (mg/L)		0.001	0.00107	107	80 - 120	3/16/00	QC01664
CCV 1	Total Mercury (mg/L)		0.001	0.00110	110	80 - 120	3/16/00	QC01664

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Aluminum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Arsenic (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
ICV	Total Boron (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
ICV	Total Cadmium (mg/L)		1	0.97	97	75 - 125	3/21/00	QC01672
ICV	Total Chromium (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Cobalt (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Copper (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Lead (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
ICV	Total Manganese (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Molybdenum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Nickel (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
ICV	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Silver (mg/L)		0.2	0.195	98	75 - 125	3/21/00	QC01672
ICV	Total Zinc (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Aluminum (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Arsenic (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
CCV 1	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Boron (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672

Report Date: 4/4/00

Order ID Number: A00031516

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N/A

Guardian

1306 Broadway

Quality Control Report

Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Total Cadmium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Chromium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Cobalt (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Copper (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Lead (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Manganese (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Molybdenum (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Nickel (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Silver (mg/L)		0.2	0.189	95	75 - 125	3/21/00	QC01672
CCV 1	Total Zinc (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672

LAB USE ONLY Intact ☐ Y ☐ N Headspace ☐ Y ☐ N Temp ☐ ☐ ☐ Log-In Review ☐ ☐ ☐	REMARKS:

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Dept./Floor/Suite/Room

Company New Mexico Oil ConservationAddress 1625 N. French Dr.City HOBBS State NM Zip 88240**2 Your Internal Billing Reference Information**
(Optional) (First 24 characters will appear on invoice)**3 To (please print)**Recipient's Name Vicki Windham Phone (806) 794-1296

Dept./Floor/Suite/Room

Company TRACE ANALYSIS INCAddress 6701 ABERDEEN
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or FedEx Standard Overnight)

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actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of \$100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is \$500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

Questions?

Call 1-800-Go-FedEx (1-800-463-3339)

*The World On Time***4a Express Package Service Packages under 150 lbs.**

Delivery commitment may be later in some areas.

☒ **FedEx Priority Overnight** (Next business morning) ☐ **FedEx Standard Overnight** (Next business afternoon) ☐ **FedEx 2Day*** (Second business day)☐ **NEW FedEx First Overnight**
(Earliest next business morning delivery to select locations)
(Higher rates apply)*FedEx Letter Rate not available.
Minimum charge:
One pound FedEx 2Day rate.**4b Express Freight Service Packages over 150 lbs.**

Delivery commitment may be later in some areas.

☐ **FedEx Overnight Freight** (Next business-day service for any distance) ☐ **FedEx 2Day Freight** (Second business-day service for any distance) ☐ **FedEx Express Saver Freight** (Up to 3 business-day service based upon distance)

(Call for delivery schedule. See back for detailed descriptions of freight products.)

5 Packaging☐ **FedEx Letter** (Declared value limit \$500) ☐ **FedEx Pak** ☐ **FedEx Box** ☐ **FedEx Tube** ☒ **Other Pkg.****6 Special Handling**Does this shipment contain dangerous goods? ☐ Yes (As per attached Shipper's Declaration) ☐ No (Shipper's Declaration not required)☐ **Dry Ice** (Dry Ice, 9, UN 1845 III, kg. 904) ☐ **CA Cargo Aircraft Only**
(Dangerous Goods Shipper's Declaration not required)**7 Payment**Bill to: ☐ **Sender** (Account no. in section 1 will be billed) ☒ **Recipient** (Enter FedEx account no. or Credit Card no. below) ☐ **Third Party** ☐ **Credit Card** ☐ **Cash/Check**FedEx Account No. 1597-2515-4
Credit Card No. _____ Exp. Date _____Total Packages 1 Total Weight 5 \$ Total Declared Value* \$ Total Charges* \$

*When declaring a value higher than \$100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY section for further information.

8 Release Signature Sign to authorize delivery without obtaining signature.Donna Williams

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

272

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LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

FAX (505) 391-9489

March 16, 2000

Penny McCart
1431 Katy Lane
Hobbs, NM 88240

Dear Penny:

This letter is to confirm your instructions to me to take no further action against Guardian Wellhead Protection, Inc., with regard to the commercial property owned by your father's estate at 1306 W. Broadway, Hobbs, New Mexico. You have told me that you have turned the matter over to the state authorities and are considering retaining an out of town attorney.

In light of your instructions, I have previously sent you a motion and order to dismiss the case pending in Magistrate Court for Forceable Entry and Detainer. As I explained to you that suit was strictly to regain possession of the building which Guardian surrendered on February 29, 2000.

I have been contacted by Mark Sanchez, the attorney for Guardian, who indicated his client recognized that removal of the hoist may have caused some cosmetic problems with the building and he has offered to grind down any exposed sharp metal surfaces and paint them. Guardian continues to deny any responsibility for the oil in the five foot deep sump located under the grate inside the building. They continue to offer to pay one half (1/2) of the cost to drain the sump and to dispose of the oil. Mr. Sanchez did indicate that this would be the extent of what Guardian would do and they accept no further responsibility for any environmental conditions. As you may have been told, the land owner and the occupier of the premises are both responsible for any environmental conditions. I trust you will seek the advice of another attorney in this regard.

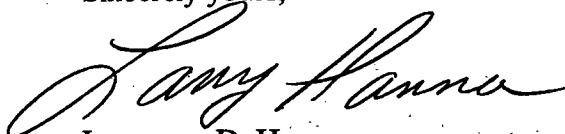
You have also instructed me to finalize the Probate. Currently the property is still held in the name of your father and Bula Powell. As I explained to you there is no simple way to clear the title to the property. A separate suit will have to be filed, called a Petition to Determine Heirship. This will have to be filed to get your mother's name off the property. It should not be difficult since you are the only heir. However, it will require filing the suit and publishing notice of your intent to claim the property. This will have to be done prior to the time the property is sold. This is necessary because your father never took any steps to have the property put in his name alone after your mother's death. As you will recall we were able to sidestep this problem with regard to your father's residence because of a provision of New Mexico law that allows a widower to clear up the title to a residence that is a homestead by filing an affidavit with the County Clerk. As I explained to you at that time, this does not apply to any real estate, other than a homestead.

March 16, 2000
page 2
McCart Letter

In any event, I advise that you not take the final step of having the property transferred into your name, until any potential environmental problems are taken care of. If you were to take title to the property now you and your husband could face personal liability for environmental cleanup if the problems are more extensive than presently known. You should discuss this with any attorney you hire with regard to the environmental issues.

If you have any additional questions or instructions, please contact me.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Larry Hanna".

Lawrence D. Hanna

LDH/jmb

LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

FAX (505) 391-9489

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

March 2, 2000

Mark Sanchez, Esq.
Gary Don Reagan, P.A.
P.O. Box 770
Hobbs, NM 88241-0770

BY FACSIMILE MACHINE
AND FIRST CLASS MAIL

Re: Guardian Wellhead Protection, Inc.

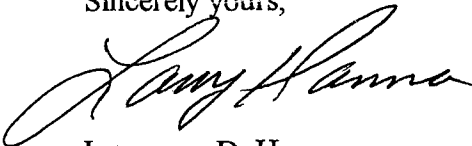
Dear Mark:

My clients have informed me that Guardian has removed a commercial hoist and the framework to support it. This fixture was in the building at the time they rented it from Mr. Powell and is now missing. The approximate value of this fixture is \$5,000.00. In addition, a commercial dumpster has been removed which was being paid for, as were all the water utilities, by my client. Demand is made for the return of these items immediately. In addition, my client informs me that there is oil floating on top of what I understand to be the disposal system. This will require remediation. As soon as I know the extent of the problem I will inform you.

If the above items are not returned or arraignments made to return them within five (5) days of the date of this letter. My client has instructed me to file suit.

If you have any questions, please to not hesitate to contact me.

Sincerely yours,



Lawrence D. Hanna

LDH/jmb

pc: Penny McCart

COPY

LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

FAX (505) 391-9489

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

March 2, 2000

Mark Sanchez, Esq.
Gary Don Reagan, P.A.
P.O. Box 770
Hobbs, NM 88241-0770

BY FACSIMILE MACHINE
AND FIRST CLASS MAIL

Re: Guardian Wellhead Protection, Inc.

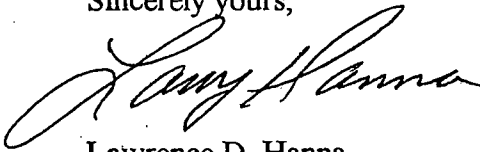
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If the above items are not returned or arraignments made to return them within five (5) days of the date of this letter. My client has instructed me to file suit.

If you have any questions, please do not hesitate to contact me.

Sincerely yours,



Lawrence D. Hanna

LDH/jmb

pc: Penny McCart

COPY

COMPLAINT IN FORCIBLE ENTRY OR UNLAWFUL DETAINER

FILED 1999

STATE OF NEW MEXICO
IN THE MAGISTRATE COURT
LEA COUNTY

No. M-26-CV-0200000091

PENNY MCCART, as the Personal Representative of the Estate of Bill Powell,
Plaintiff

against

GUARDIAN WELLHEAD PROTECTION, INC.
Defendant

COMPLAINT IN FORCIBLE ENTRY OR UNLAWFUL DETAINER

Plaintiff says: On the 1st day of February, 2000, she was lawfully possessed or lawfully entitled to the possession of the premises or property described as follows: [describe with reasonable certainty.] 1306 West Broadway, Hobbs, New Mexico 88240

and on that date the Defendant unlawfully entered or retained possession of the premises or property, as follows:

A. Plaintiff and Defendant had an oral lease on a month to month basis. As shown in Exhibit "A" which is attached hereto and incorporated herein, Plaintiff gave notice that the lease would terminate on October 1, 1999.

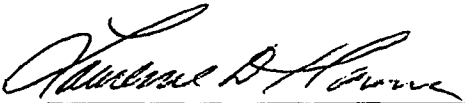
B. Defendant requested several extensions in order to find suitable premises as shown in Exhibit "B" which is attached hereto and incorporated herein. Plaintiff requested until January 31, 2000 to move.

C. Plaintiff has demanded that Defendant vacate the premises no later than January 31, 2000, but he has failed to do so.

WHEREFORE, Plaintiff asks that Defendant be removed and that Plaintiff be granted judgment of \$2,000.00 and court costs.

February 1, 2000

LAWRENCE D. HANNA



Lawrence D. Hanna
P.O. Box 2733
Hobbs, NM 88241-2733
(505) 397-0977
Attorney for Petitioner

COPY

STATE OF NEW MEXICO

IN THE MAGISTRATE COURT

LEA COUNTY

PENNY MCCART, as the Personal
Representative of the Estate of
Bill Powell, Plaintiff,

against

No. M-26-CV-0200000091

GUARDIAN WELLHEAD
PROTECTION, INC., Defendant.

ACCEPTANCE OF SERVICE

MSE
COMES NOW, Mark Sánchez, attorney for Defendant, GUARDIAN WELLHEAD, INC., on
the ^{10th} day of February, 2000, and accepts service with a copy of Complaint in Forcible Entry or
Unlawful Detainer. Pursuant to § 35-10-3 (B) NMSA 1978, I reserve ten (10) days in which to answer.

Mark Sánchez
MARK SÁNCHEZ

STATE OF NEW MEXICO)
COUNTY OF LEA) SS.

I, Mark Sánchez, being first duly sworn upon oath, deposes and states that: I accept this
Complaint in Forcible Entry or Unlawful Detainer.

Mark Sánchez
MARK SÁNCHEZ

SUBSCRIBED AND SWORN TO before me this ^{10th} day of February, 2000.

My Commission Expires:

March 22, 2000

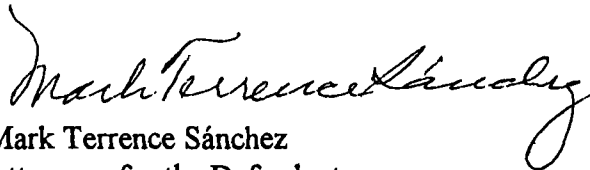
Sandra Cox
NOTARY PUBLIC

COPY

For these reasons, the Defendant requests that this matter be set for hearing, that the Court grant judgment in favor of the Defendant, and that the Court award the Defendant such costs and attorney fees as to which it may show itself entitled.

Respectfully submitted,

GARY DON REAGAN, P.A.

by 

Mark Terrence Sánchez
Attorneys for the Defendant
P. O. Box 770
Hobbs, New Mexico 88241-0770
Telephone: (505) 397-6551

PROOF OF SERVICE

I certify that I served the foregoing Answer on the Plaintiff by placing a true and correct copy thereof addressed to her attorney Lawrence D. Hanna at P. O. Box 2733, Hobbs, New Mexico 88241-2733, in the United States mails, first-class postage prepaid, on February 22, 2000.


Mark Terrence Sánchez

STATE OF NEW MEXICO
COUNTY OF LEA
IN THE MAGISTRATE COURT

PENNY McCART as personal representative of
the estate of Bill Powell,

Plaintiff,

against

No. M-26-CV-0200000091

GUARDIAN WELLHEAD PROTECTION,
INC.,

Defendant.

ANSWER

The Defendant Guardian Wellhead Protection, Inc., through its attorneys Gary Don Reagan,
P.A., answers the Complaint in Forcible Entry or Unlawful Detainer as follows:

1. The Defendant denies the allegations of the Complaint.
2. The Defendant is current on all rent and the Plaintiff is entitled to no damages and no
rent.

AFFIRMATIVE DEFENSES

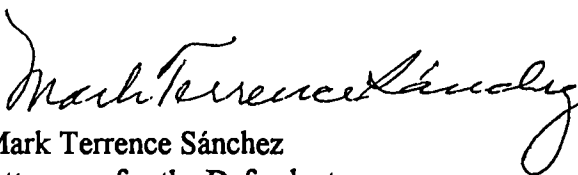
3. On information and belief, there is no privity of estate or of contract between the
Plaintiff and the Defendant.
4. On information and belief, the Complaint is not brought on behalf of a real party in
interest.

COPY

For these reasons, the Defendant requests that this matter be set for hearing, that the Court grant judgment in favor of the Defendant, and that the Court award the Defendant such costs and attorney fees as to which it may show itself entitled.

Respectfully submitted,

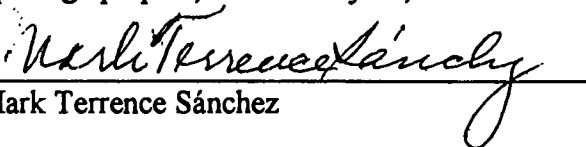
GARY DON REAGAN, P.A.

by 

Mark Terrence Sánchez
Attorneys for the Defendant
P. O. Box 770
Hobbs, New Mexico 88241-0770
Telephone: (505) 397-6551

PROOF OF SERVICE

I certify that I served the foregoing Answer on the Plaintiff by placing a true and correct copy thereof addressed to her attorney Lawrence D. Hanna at P. O. Box 2733, Hobbs, New Mexico 88241-2733, in the United States mails, first-class postage prepaid, on February 22, 2000.


Mark Terrence Sánchez

THE STATE OF NEW MEXICO
COUNTY OF LEA
MAGISTRATE COURT

PENNY McCART as personal representative of
the estate of Bill Powell,
Plaintiff,

vs.

NO. M-26-CV-0200000091

GUARDIAN WELLHEAD PROTECTION, INC.,
Defendant.

NOTICE OF HEARING

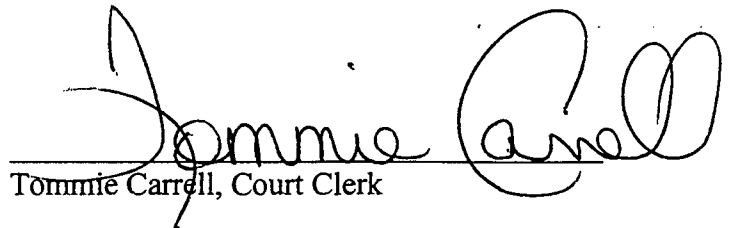
TO: PLAINTIFF: LAWRENCE D. HANNA, P.A.
P.O. BOX 2733
HOBBS, NM 88241-2733

DEFENDANT: MARK TERRANCE SANCHEZ
P.O. BOX 770
HOBBS, NM 88241-0770

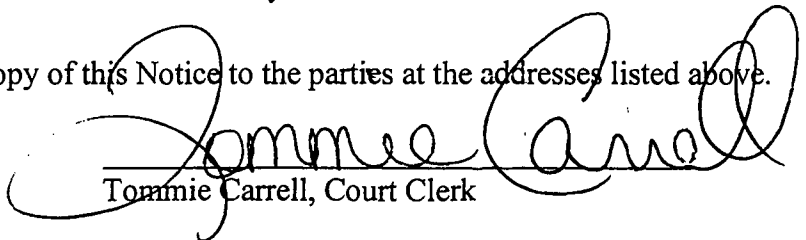
This action will come on for trial before Judge William McBee, at the Magistrate Court located at
2110 N. ALTO, Hobbs, New Mexico 88240 on **Tuesday, MARCH 28, 2000**, at **9:00 o'clock a.m.**

The failure of any party to appear at the time and place specified for trial will be ground for entering a
default judgment against him/her.

DATED: FEBRUARY 23, 2000


Tommie Carrell, Court Clerk

I hereby certify that on this day I mailed a copy of this Notice to the parties at the addresses listed above.


Tommie Carrell, Court Clerk

FEB 24 2000

Distribution Instructions

1 copy - Court 1 copy - Defendant 1 copy - Plaintiff

STATE OF NEW MEXICO
COUNTY OF LEA
IN THE MAGISTRATE COURT

PENNY McCART as personal representative of
the estate of Bill Powell,

Plaintiff,

against

No. M-26-CV-0200000091

GUARDIAN WELLHEAD PROTECTION,
INC.,

Defendant.

ANSWER

The Defendant Guardian Wellhead Protection, Inc., through its attorneys Gary Don Reagan,
P.A., answers the Complaint in Forcible Entry or Unlawful Detainer as follows:

1. The Defendant denies the allegations of the Complaint.
2. The Defendant is current on all rent and the Plaintiff is entitled to no damages and no
rent.

AFFIRMATIVE DEFENSES

3. On information and belief, there is no privity of estate or of contract between the
Plaintiff and the Defendant.
4. On information and belief, the Complaint is not brought on behalf of a real party in
interest.

COPY

COMPLAINT IN FORCIBLE ENTRY OR UNLAWFUL DETAINER

STATE OF NEW MEXICO
IN THE MAGISTRATE COURT
LEA COUNTY

No. M-26-CV-0200000091

PENNY MCCART, as the Personal Representative of the Estate of Bill Powell,
Plaintiff

against

GUARDIAN WELLHEAD PROTECTION, INC.
Defendant

COMPLAINT IN FORCIBLE ENTRY OR UNLAWFUL DETAINER

Plaintiff says: On the 1st day of February, 2000, she was lawfully possessed or lawfully entitled to the possession of the premises or property described as follows: [describe with reasonable certainty.] 1306 West Broadway, Hobbs, New Mexico 88240

and on that date the Defendant unlawfully entered or retained possession of the premises or property, as follows:

A. Plaintiff and Defendant had an oral lease on a month to month basis. As shown in Exhibit "A" which is attached hereto and incorporated herein, Plaintiff gave notice that the lease would terminate on October 1, 1999.

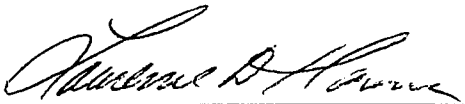
B. Defendant requested several extensions in order to find suitable premises as shown in Exhibit "B" which is attached hereto and incorporated herein. Plaintiff requested until January 31, 2000 to move.

C. Plaintiff has demanded that Defendant vacate the premises no later than January 31, 2000, but he has failed to do so.

WHEREFORE, Plaintiff asks that Defendant be removed and that Plaintiff be granted judgment of \$2,000.00 and court costs.

February 1, 2000

LAWRENCE D. HANNA



Lawrence D. Hanna
P.O. Box 2733
Hobbs, NM 88241-2733
(505) 397-0977
Attorney for Petitioner

COPY

TRACEANALYSIS, INC.

5701 Aberdeen Avenue, Suite B
4725 Ripley Avenue, Suite A

Lubbock, Texas 79424
El Paso, Texas 79922

800•378•1296
808•588•3443

808•794•1236
915•585•3443

FAX 806•794•1253
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

April 04, 2000

Receiving Date: 03/15/2000

Sample Type: Water

Project No: NA

Project Location: 1306 Broadway

ANALYTICAL RESULTS FOR

NM OIL CONSERVATION DIVISION

Attention: Donna Williams

1625 N. French Dr.

Hobbs, NM 88240

Prep Date: 03/22/2000

Analysis Date: 03/23/2000

Sampling Date: 03/14/2000

Sample Condition: Intact & Cool

Sample Received by: VH

Project Name: Guardian

TA#	Field Code	DISSOLVED Na (mg/L)	DISSOLVED K (mg/L)	DISSOLVED Mg (mg/L)	DISSOLVED Ca (mg/L)
T142612	0003141120	843	32	20	68
ICV		21.5	20.7	20.9	20.9
CCV		21.4	20.6	21.5	21.7
Reporting Limit		0.50	0.50	0.50	0.50
METHOD BLANK		<0.50	<0.50	<0.50	<0.50
RPD		1	1	1	1
% Extraction Accuracy		95	97	101	101
% Instrument Accuracy		107	103	106	106

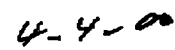
METHODS: EPA SW 846-3005A, 6010B.

CHEMIST: RR

SPIKE: 1,000 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.

CV: 20 mg/L MAGNESIUM, CALCIUM, POTASSIUM, SODIUM.


Director Dr. Blair Leftwich


Date



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
4725 Ripley Avenue, Suite A El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Donna Williams
OCD Hobbs Office
1625 N. French Drive
Hobbs, NM 88240

Report Date: 4/4/00

Project Number: N/A
Project Name: Guardian
Project Location: 1306 Broadway

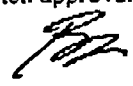
Order ID Number: A00031516

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to TraceAnalysis, Inc. for analysis:

Sample Number	Sample Description	Matrix	Date Taken	Time Taken	Date Received
142612	0003141120	Water	3/14/00	11:20	3/15/00

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.

This report consists of a total of 12 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 2 of 12

N/A

Guardian

1306 Broadway

Analytical Results Report

Sample Number: 142612

Description: 0003141120

Param	Result	Dilution	Analytical Method	Date Prepared	Date Analyzed	Analyst	Prep Batch #	QC Batch #	RDI
8260 (µg/L)									
Bromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dichlorodifluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloromethane (methyl chloride)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Vinyl Chloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromomethane (methyl bromide)	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Chloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichlorofluoromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acetone	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
Iodomethane (methyl iodide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Disulfide	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Acrylonitrile	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Butanone (MEK)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-methyl-2-pentanone (MIBK)	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
2-Hexanone	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,4-Dichloro-2-butene	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
1,1-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Methylene chloride	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
MTBE	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,2-Dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
cis-1,2-dichloroethene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloroethane (EDC)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chloroform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Benzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Carbon Tetrachloride	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Trichloroethene (TCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromomethane (methylene bromide)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromodichloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chloroethyl vinyl ether	<500.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	10
cis-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
trans-1,3-Dichloropropene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Toluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,2-Trichloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Dibromochloromethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromoethane (EDB)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Tetrachloroethene (PCE)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Chlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,1,1,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Ethylbenzene	173.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
m,p-Xylene	445.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromoform	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Styrene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
o-Xylene	280.50	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 3 of 12

N/A

Guardian

1306 Broadway

1,1,2,2-Tetrachloroethane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
2-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,3-Trichloropropane	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Isopropylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Bromobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Propylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3,5-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
tert-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2,4-Trimethylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,4-Dichlorobenzene (para)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
sec-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,3-Dichlorobenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
p-Isopropyltoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
4-Chlorotoluene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dichlorobenzene (ortho)	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
n-Butylbenzene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
1,2-Dibromo-3-chloropropane	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,3-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
1,2,4-Trichlorobenzene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5
Naphthalene	<100.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	2
Hexachlorobutadiene	<250.00	1	S 8260B	3/25/00	3/25/00	JG	PB01439	QC01715	5

Surrogate (µg/L)	Result	Dilution	Spike Amount	% Rec.	% Rec. Limit	Analyst	Prep Batch #	QC Batch #
Dibromofluoromethane	54.98	1	50	110	72 - 128	JG	PB01439	QC01715
Toluene-d8	50.55	1	50	101	91 - 107	JG	PB01439	QC01715
4-Bromofluorobenzene	50.97	1	50	102	74 - 106	JG	PB01439	QC01715

Hg, Total (mg/L)

Total Mercury	0.00091	1	S 7470A	3/15/00	3/16/00	HP	PB01392	QC01664	0.0002
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Total Metals (mg/L)

Total Aluminum	<1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Total Arsenic	<0.05	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Barium	15	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Boron	0.93	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.05
Total Cadmium	0.83	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.005
Total Chromium	1.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Cobalt	0.23	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Copper	4.9	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Iron	378	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Lead	13	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Manganese	2.7	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Molybdenum	2.0	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Nickel	0.5	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Selenium	<0.01	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.01
Total Silica	34	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.1
Total Silver	0.03	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	0.001
Total Zinc	38	1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	1
Test Comments		1	S 6010B	3/20/00	3/21/00	JM	PB01337	QC01672	

*→

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 4 of 12

N/A

Guardian

1306 Broadway

Quality Control Report Method Blanks

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Bromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dichlorodifluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloromethane (methyl chloride) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Vinyl Chloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Bromomethane (methyl bromide) (µg/L)		<2.00	5	3/25/00	PB01439	QC01715
Chloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichlorofluoromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acetone (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
Iodomethane (methyl iodide) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Disulfide (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Acrylonitrile (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Butanone (MEK) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
4-methyl-2-pentanone (MIBK) (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
2-hexanone (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans 1,4-Dichloro-2-butene (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
1,1-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Methylene chloride (µg/L)		<5.00	5	3/25/00	PB01439	QC01715
MTBE (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,2-Dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
cis-1,2-dichloroethene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloroethane (EDC) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chloroform (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Benzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Carbon Tetrachloride (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Trichloroethene (TCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromomethane (methylene bromide) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Bromodichloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
2-Chloroethyl vinyl ether (µg/L)		<10.00	10	3/25/00	PB01439	QC01715
cis-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
trans-1,3-Dichloropropene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Toluene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,2-Trichloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,3-Dichloropropane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Dibromochloromethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,2-Dibromoothane (EDB) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Tetrachloroethene (PCE) (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Chlorobenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
1,1,1,2-Tetrachloroethane (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
Ethylbenzene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715
m,p-Xylene (µg/L)		<2.00	2	3/25/00	PB01439	QC01715

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Bromoform (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Styrene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
o-Xylene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,1,2,2-Tetrachloroethane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
2-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2,3-Trichloropropane (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Isopropylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Bromobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
n-Propylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,3,5-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
tert-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2,4-Trimethylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,4-Dichlorobenzene (para) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
sec-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,3-Dichlorobenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
p-Isopropyltoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
4-Chlorotoluene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2-Dichlorobenzene (ortho) (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
n-Butylbenzene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
1,2-Dibromo-3-chloropropane (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
1,2,3-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
1,2,4-Trichlorobenzene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
Naphthalene (µg/L)	<2.00	2	3/25/00	PB01439	QC01715
Hexachlorobutadiene (µg/L)	<5.00	5	3/25/00	PB01439	QC01715
Surrogate	Result	Spike Amount	% Rec.	% Rec Limit	QC Batch #
Dibromofluoromethane (µg/L)	52.55	50	105	72 - 128	QC01715
Toluene-d8 (µg/L)	50.58	50	101	91 - 107	QC01715
4-Bromofluorobenzene (µg/L)	50.86	50	102	74 - 106	QC01715

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Mercury (mg/L)		<0.0002	0.0002	3/16/00	PB01392	QC01664

Param	Flag	Blank Result	Reporting Limit	Date Analyzed	Prep Batch #	QC Batch #
Total Aluminum (mg/L)		<1.0	1	3/21/00	PB01337	QC01672
Total Arsenic (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Barium (mg/L)		<0.05	0.05	3/21/00	PB01337	QC01672
Total Boron (mg/L)		<0.01	0.05	3/21/00	PB01337	QC01672
Total Cadmium (mg/L)		<0.005	0.005	3/21/00	PB01337	QC01672
Total Chromium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Cobalt (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Copper (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Iron (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Lead (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Manganese (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Molybdenum (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Nickel (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672
Total Selenium (mg/L)		<0.01	0.01	3/21/00	PB01337	QC01672
Total Silica (mg/L)		<0.10	0.1	3/21/00	PB01337	QC01672

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Total Silver (mg/L)	<0.001	0.001	3/21/00	PB01337	QC01672
Total Zinc (mg/L)	<0.10	1	3/21/00	PB01337	QC01672

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N/A

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Quality Control Report Matrix Spike and Matrix Duplicate Spike

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Mercury (mg/L)	<0.0002	1	0.001	0.00120	120		80 - 120	-	QC01664
MSD	Total Mercury (mg/L)	<0.0002	1	0.001	0.00112	112	7	-	0 - 20	QC01664

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	Total Aluminum (mg/L)	<1.0	1	1	*	0		75 - 125	-	QC01672
MS	Total Arsenic (mg/L)	<0.05	1	1	*	0		75 - 125	-	QC01672
MS	Total Barium (mg/L)	15	1	1	*	0		75 - 125	-	QC01672
MS	Total Boron (mg/L)	0.93	1	1	1.81	181		75 - 125	-	QC01672
MS	Total Cadmium (mg/L)	0.83	1	1	1.65	165		75 - 125	-	QC01672
MS	Total Chromium (mg/L)	1.0	1	1	1.97	197		75 - 125	-	QC01672
MS	Total Cobalt (mg/L)	0.23	1	1	0.977	98		75 - 125	-	QC01672
MS	Total Copper (mg/L)	4.9	1	1	7.01	701		75 - 125	-	QC01672
MS	Total Iron (mg/L)	378	1	1	*	0		75 - 125	-	QC01672
MS	Total Lead (mg/L)	13	1	1	*	0		75 - 125	-	QC01672
MS	Total Manganese (mg/L)	2.7	1	1	3.81	381		75 - 125	-	QC01672
MS	Total Molybdenum (mg/L)	2.0	1	1	2.9	290		75 - 125	-	QC01672
MS	Total Nickel (mg/L)	0.5	1	1	1.28	128		75 - 125	-	QC01672
MS	Total Selenium (mg/L)	<0.01	1	1	*	0		75 - 125	-	QC01672
MS	Total Silica (mg/L)	34	1	1	*	0		75 - 125	-	QC01672
MS	Total Silver (mg/L)	0.03	1	0.2	0.145	73		75 - 125	-	QC01672
MS	Total Zinc (mg/L)	38	1	1	*	0		75 - 125	-	QC01672

* Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc. Use LCS/LCSD for Extraction Accuracy.

MSD	Total Aluminum (mg/L)	<1.0	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Arsenic (mg/L)	<0.05	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Barium (mg/L)	15	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Boron (mg/L)	0.93	1	1	1.76	176	3	-	0 - 20	QC01672
MSD	Total Cadmium (mg/L)	0.83	1	1	1.63	163	1	-	0 - 20	QC01672
MSD	Total Chromium (mg/L)	1.0	1	1	1.89	189	4	-	0 - 20	QC01672
MSD	Total Cobalt (mg/L)	0.23	1	1	0.946	95	3	-	0 - 20	QC01672
MSD	Total Copper (mg/L)	4.9	1	1	6.58	658	6	-	0 - 20	QC01672
MSD	Total Iron (mg/L)	378	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Lead (mg/L)	13	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Manganese (mg/L)	2.7	1	1	3.58	358	6	-	0 - 20	QC01672
MSD	Total Molybdenum (mg/L)	2.0	1	1	2.85	285	1	-	0 - 20	QC01672
MSD	Total Nickel (mg/L)	0.5	1	1	1.23	123	3	-	0 - 20	QC01672
MSD	Total Selenium (mg/L)	<0.01	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silica (mg/L)	34	1	1	*	0	0	-	0 - 20	QC01672
MSD	Total Silver (mg/L)	0.03	1	0.2	0.164	82	12	-	0 - 20	QC01672

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MSD Total Zinc (mg/L) 38 1 1 * 0 0 - 0 - 20 QC01672
 * Test Comments - No matrix spike recovery due to required dilution and matrix effects for Total Aluminum, Total Arsenic, Total Barium, Total Iron, Total Lead, Total Selenium, Total Silica and Total Zinc Use I.C.S/I.C.S.D for Extraction Accuracy.

Standard	Param	Sample Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		79 - 129	-	QC01715
MS	1,1-Dichloroethene (ug/L)	<2.00	1	100	123	123		80 - 120	-	QC01715
MS	Benzene (ug/L)	<2.00	1	100	107	107		77 - 130	-	QC01715
MS	Trichloroethene (TCE) (ug/L)	<2.00	1	100	108	108		83 - 108	-	QC01715
MS	Toluene (ug/L)	<2.00	1	100	105	105		85 - 114	-	QC01715
MS	Chlorobenzene (ug/L)	<2.00	1	100	103	103		87 - 114	-	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MS	Dibromofluoromethane (ug/L)	51.92	1	50	JG	104		72 - 128	PB01439	QC01715
MS	Toluene-d8 (ug/L)	50.22	1	50	JG	100		91 - 107	PB01439	QC01715
MS	4-Bromofluorobenzene (ug/L)	51.85	1	50	JG	104		74 - 106	PB01439	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	2	-	0 - 20	QC01715
MSD	Benzene (ug/L)	<2.00	1	100	107	107	0	-	0 - 20	QC01715
MSD	Trichloroethene (TCE) (ug/L)	<2.00	1	100	109	109	1	-	0 - 20	QC01715
MSD	Toluene (ug/L)	<2.00	1	100	106	106	1	-	0 - 20	QC01715
MSD	Chlorobenzene (ug/L)	<2.00	1	100	105	105	2	-	0 - 20	QC01715
Standard	Surrogate	Result	Dil.	Spike Amount	Analyst	% Rec.		% Rec. Limit	Prep Batch #	QC Batch #
MSD	Dibromofluoromethane (ug/L)	51.14	1	50	JG	102		72 - 128	PB01439	QC01715
MSD	Toluene-d8 (ug/L)	49.77	1	50	JG	100		91 - 107	PB01439	QC01715
MSD	4-Bromofluorobenzene (ug/L)	52.35	1	50	JG	105		74 - 106	PB01439	QC01715

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Quality Control Report

Lab Control Spikes and Duplicate Spike

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS 1,1-Dichloroethene (ug/L)	* <2.00	1	100	132	132		80 - 120	-	QC01715
LCS Benzene (ug/L)	<2.00	1	100	118	118		77 - 130	-	QC01715
LCS Trichloroethene (TCE) (ug/L)	<2.00	1	100	113	113		83 - 108	-	QC01715
LCS Toluene (ug/L)	<2.00	1	100	111	111		85 - 114	-	QC01715
LCS Chlorobenzene (ug/L)	<2.00	1	100	115	115		87 - 114	-	QC01715

* 1,1-Dichloroethene - recovery out of control limits due to prep analyst error.

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCS	Dibromofluoromethane (ug/L)	1	50	49.75	100	72 - 128	QC01715
LCS	Toluene-d8 (ug/L)	1	50	51.08	102	91 - 107	QC01715
LCS	4-Bromofluorobenzene (ug/L)	1	50	50.40	101	74 - 106	QC01715

LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD 1,1-Dichloroethene (ug/L)	<2.00	1	100	125	125	5	-	0 - 20	QC01715
LCSD Benzene (ug/L)	<2.00	1	100	112	112	5	-	0 - 20	QC01715
LCSD Trichloroethene (TCE) (ug/L)	<2.00	1	100	107	107	5	-	0 - 20	QC01715
LCSD Toluene (ug/L)	<2.00	1	100	107	107	4	-	0 - 20	QC01715
LCSD Chlorobenzene (ug/L)	<2.00	1	100	108	108	6	-	0 - 20	QC01715

Standard	Surrogate	Dil.	Spike Amount	Result	% Rec.	% Rec. Limit	QC Batch #
LCSD	Dibromofluoromethane (ug/L)	1	50	51.09	102	72 - 128	QC01715
LCSD	Toluene-d8 (ug/L)	1	50	50.42	101	91 - 107	QC01715
LCSD	4-Bromofluorobenzene (ug/L)	1	50	51.07	102	74 - 106	QC01715

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Mercury (mg/L)	<0.0002	1	0.001	0.00099	99		80 - 120	-	QC01664
LCSD Total Mercury (mg/L)	<0.0002	1	0.001	0.00102	102	3	-	0 - 20	QC01664

Param	Blank Result	Dil.	Spike Amount Added	Matrix Spike Result	% Rec.	RPD	% Rec. Limit	RPD Limit	QC Batch #
LCS Total Aluminum (mg/L)	<1.0	1	1	1.02	102		75 - 125	-	QC01672
LCS Total Arsenic (mg/L)	<0.05	1	1	0.934	93		75 - 125	-	QC01672
LCS Total Barium (mg/L)	<0.05	1	1	0.938	94		75 - 125	-	QC01672
LCS Total Boron (mg/L)	<0.01	1	1	0.898	90		75 - 125	-	QC01672
LCS Total Cadmium (mg/L)	<0.005	1	1	0.952	95		75 - 125	-	QC01672
LCS Total Chromium (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Cobalt (mg/L)	<0.01	1	1	0.968	97		75 - 125	-	QC01672
LCS Total Copper (mg/L)	<0.10	1	1	0.993	99		75 - 125	-	QC01672
LCS Total Iron (mg/L)	<0.10	1	1	1.04	104		75 - 125	-	QC01672

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LCS	Total Lead (mg/L)	<0.01	1	1	1.15	115	75 - 125	-	QC01672
LCS	Total Manganese (mg/L)	<0.10	1	1	0.971	97	75 - 125	-	QC01672
LCS	Total Molybdenum (mg/L)	<0.10	1	1	0.992	99	75 - 125	-	QC01672
LCS	Total Nickel (mg/L)	<0.10	1	1	0.985	99	75 - 125	-	QC01672
LCS	Total Selenium (mg/L)	<0.01	1	1	0.884	88	75 - 125	-	QC01672
LCS	Total Silica (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCS	Total Silver (mg/L)	<0.001	1	0.2	0.191	96	75 - 125	-	QC01672
LCS	Total Zinc (mg/L)	<0.10	1	1	1.01	101	75 - 125	-	QC01672
LCSD	Total Aluminum (mg/L)	<1.0	1	1	<1	96	6	-	0 - 20 QC01672
LCSD	Total Arsenic (mg/L)	<0.05	1	1	0.905	91	3	-	0 - 20 QC01672
LCSD	Total Barium (mg/L)	<0.05	1	1	0.993	99	6	-	0 - 20 QC01672
LCSD	Total Boron (mg/L)	<0.01	1	1	0.904	90	1	-	0 - 20 QC01672
LCSD	Total Cadmium (mg/L)	<0.005	1	1	0.932	93	2	-	0 - 20 QC01672
LCSD	Total Chromium (mg/L)	<0.01	1	1	0.950	95	2	-	0 - 20 QC01672
LCSD	Total Cobalt (mg/L)	<0.01	1	1	0.935	94	3	-	0 - 20 QC01672
LCSD	Total Copper (mg/L)	<0.10	1	1	0.976	98	2	-	0 - 20 QC01672
LCSD	Total Iron (mg/L)	<0.10	1	1	1.16	116	11	-	0 - 20 QC01672
LCSD	Total Lead (mg/L)	<0.01	1	1	1.17	117	2	-	0 - 20 QC01672
LCSD	Total Manganese (mg/L)	<0.10	1	1	0.962	96	1	-	0 - 20 QC01672
LCSD	Total Molybdenum (mg/L)	<0.10	1	1	0.944	94	5	-	0 - 20 QC01672
LCSD	Total Nickel (mg/L)	<0.10	1	1	0.951	95	4	-	0 - 20 QC01672
LCSD	Total Selenium (mg/L)	<0.01	1	1	0.858	86	3	-	0 - 20 QC01672
LCSD	Total Silica (mg/L)	<0.10	1	1	1.12	112	10	-	0 - 20 QC01672
LCSD	Total Silver (mg/L)	<0.001	1	0.2	0.190	95	1	-	0 - 20 QC01672
LCSD	Total Zinc (mg/L)	<0.10	1	1	1.06	106	5	-	0 - 20 QC01672

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 11 of 12

N/A

Guardian

1306 Broadway

Quality Control Report Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Vinyl Chloride (µg/L)		100	114	114	80 - 120	3/25/00	QC01715
CCV 1	1,1-Dichloroethene (µg/L)		100	113	113	80 - 120	3/25/00	QC01715
CCV 1	Chloroform (µg/L)		100	115	115	80 - 120	3/25/00	QC01715
CCV 1	1,2-Dichloropropane (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene (µg/L)		100	105	105	80 - 120	3/25/00	QC01715
CCV 1	Chlorobenzene (µg/L)		100	106	106	80 - 120	3/25/00	QC01715
CCV 1	Ethylbenzene (µg/L)		100	107	107	80 - 120	3/25/00	QC01715
CCV 1	Dibromofluoromethane (µg/L)		50	53.40	107	80 - 120	3/25/00	QC01715
CCV 1	Toluene-d8 (µg/L)		50	50.28	101	80 - 120	3/25/00	QC01715
CCV 1	4-Bromofluorobenzene (µg/L)		50	52.99	106	80 - 120	3/25/00	QC01715

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Mercury (mg/L)		0.001	0.00107	107	80 - 120	3/16/00	QC01664
CCV 1	Total Mercury (mg/L)		0.001	0.00110	110	80 - 120	3/16/00	QC01664

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
ICV	Total Aluminum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Arsenic (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
ICV	Total Boron (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
ICV	Total Cadmium (mg/L)		1	0.97	97	75 - 125	3/21/00	QC01672
ICV	Total Chromium (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Cobalt (mg/L)		1	0.96	96	75 - 125	3/21/00	QC01672
ICV	Total Copper (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Lead (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
ICV	Total Manganese (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Molybdenum (mg/L)		1	0.98	98	75 - 125	3/21/00	QC01672
ICV	Total Nickel (mg/L)		1	0.99	99	75 - 125	3/21/00	QC01672
ICV	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
ICV	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
ICV	Total Silver (mg/L)		0.2	0.195	98	75 - 125	3/21/00	QC01672
ICV	Total Zinc (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Aluminum (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Arsenic (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672
CCV 1	Total Barium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Boron (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672

Report Date: 4/4/00

Order ID Number: A00031516

Page Number: 12 of 12

N/A

Guardian

1306 Broadway

Quality Control Report Continuing Calibration Verification Standard

Standard	Param	Flag	CCVs TRUE Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed	QC Batch #
CCV 1	Total Cadmium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Chromium (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Cobalt (mg/L)		1	0.94	94	75 - 125	3/21/00	QC01672
CCV 1	Total Copper (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Iron (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Lead (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Manganese (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Molybdenum (mg/L)		1	0.95	95	75 - 125	3/21/00	QC01672
CCV 1	Total Nickel (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Selenium (mg/L)		1	0.93	93	75 - 125	3/21/00	QC01672
CCV 1	Total Silica (mg/L)		1	0.92	92	75 - 125	3/21/00	QC01672
CCV 1	Total Silver (mg/L)		0.2	0.189	95	75 - 125	3/21/00	QC01672
CCV 1	Total Zinc (mg/L)		1	0.91	91	75 - 125	3/21/00	QC01672

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296

TraceAnalysis, Inc.

4725 Ripley Dr., Ste A
El Paso, Texas 79922-1028
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # _____

Company Name: NM Oil Conservation Division Phone #: (505) 393-6161 x.113

Address: (Street, City, Zip) 1625 N. French Dr. Fax #: (505) 393-0720

Contact Person: Donna Williams

Invoice to: (If different from above) Bill Olson

Project #: Guardian Project Name: Guardian

Project Location: 1306 Broadway Sampler Signature: Donna Williams

ANALYSIS REQUEST

(Circle or Specify Method No.)

LAB (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX				PRESERVATIVE METHOD						SAMPLING		MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	PAH 8270C	Total Metals Ag As Ba	TCLP Metals Ag As Ba	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	Turn Around Time if different from standard	Hold	
				WATER	SOIL	AIR	SLUDGE	HCL	HNO3	NaHSO4	H2SO4	NaOH	ICE	NONE	DATE																		TIME
	0003141120	1	40 ml	X			X			X			03/14/00	11:20										X									
	0003141120	1	40 ml	X			X			X			3/14/00	11:20										X									
	0003141120	1	11:42	X			X						3/14/00	11:20										X									
	0003141120	1	11:02	X			X						3/14/00	11:20										X									

Relinquished by: Donna Williams Date: 3/14/00 Time: 1300

Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____

Received at Laboratory by: _____ Date: _____ Time: _____

LAB USE ONLY

Intact Y / NHeadspace Y / N

Temp _____ °

Log-in Review _____

REMARKS:

March 20 8:26 AM
item # 008

FedEx USA Airbill

Tracking
Number

4755724654

1689529

Sender's Copy
00031/00100**1 From (please print)**Date 03-14-2000 Sender's FedEx Account Number 2218-1797-4Sender's Name Donna Williams Phone (505) 393-6161
Dept./Floor/Suite/RoomCompany New Mexico Oil ConservationAddress 1625 N. French Dr.City HOBBS State NM Zip 88240**2 Your Internal Billing Reference Information**
(Optional) (First 24 characters will appear on invoice)**3 To (please print)**Recipient's Name Vicki Windham Phone (806) 794-1296
Dept./Floor/Suite/RoomCompany TRACE ANALYSIS INCAddress 6701 ABERDEEN

(To "HOLD" at FedEx location, print FedEx address here)

(We Cannot Deliver to P.O. Boxes or P.O. Zip Codes)

City LUBBOCK State TX Zip 79424

For HOLD at FedEx Location check here

☐ Hold Weekday

(Not available with FedEx First Overnight)

☐ Hold Saturday

(Not available with FedEx First Overnight or FedEx Standard Overnight)

For Saturday Delivery check here

☐ (Extra Charge. Not available to all locations)

(Not available with FedEx First Overnight or FedEx Standard Overnight)

Service Conditions, Declared Value, and Limit of Liability - By using this Airbill, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We will not be responsible for any claims in excess of \$100 per package whether the result of loss, damage, or delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your

actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of \$100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is \$500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

Questions?

Call 1-800-Go-FedEx (1-800-463-3339)

The World On Time®

4a Express Package Service Packages under 150 lbs.

Delivery commitment may be later in some areas.

☒ FedEx Priority Overnight
(Next business morning)☐ FedEx Standard Overnight
(Next business afternoon)☐ FedEx 2Day®
(Second business day)☐ NEW FedEx First Overnight(Earliest next business morning delivery to select locations)
(Higher rates apply)* FedEx Letter Rate not available.
Minimum charge:
One pound FedEx 2Day rate.**4b Express Freight Service Packages over 150 lbs.**

Delivery commitment may be later in some areas.

☐ FedEx Overnight Freight
(Next business-day service for any distance)☐ FedEx 2Day Freight
(Second business-day service for any distance)☐ FedEx Express Saver Freight
(Up to 3 business-day service based upon distance)

(Call for delivery schedule. See back for detailed descriptions of freight products.)

5 Packaging☐ FedEx Letter
Declared value limit \$500☐ FedEx Pak☐ FedEx Box☐ FedEx Tube☒ Other Pkg.**6 Special Handling**

Does this shipment contain dangerous goods?

☐ Yes (As per attached Shipper's Declaration)☐ Yes (Shipper's Declaration not required)☐ Dry IceDry Ice, s. UN 1845 III x kg. 904
(Dangerous Goods Shipper's Declaration not required)☐ Cargo Aircraft Only**7 Payment**Bill to: ☐ Sender
(Account no. in section 1 will be billed)☒ Recipient
(Enter FedEx account no. or Credit Card no. below)☐ Third Party☐ Credit Card☐ Cash/CheckFedEx Account No. 1597-2515-4

Credit Card No.

Exp. Date

Total Packages Total Weight Total Declared Value* Total Charges

15

\$

.00

\$

*When declaring a value higher than \$100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY section for further information.

8 Release Signature Sign to authorize delivery without obtaining signatureDonna Williams

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

272

WCSL 0037
Rev. Date 5/96
PART #147856
©1994-96 FedEx
PRINTED IN U.S.A.

LAWRENCE D. HANNA, P. A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

FAX (505) 391-9489

March 16, 2000

Penny McCart
1431 Katy Lane
Hobbs, NM 88240

Dear Penny:

This letter is to confirm your instructions to me to take no further action against Guardian Wellhead Protection, Inc., with regard to the commercial property owned by your father's estate at 1306 W. Broadway, Hobbs, New Mexico. You have told me that you have turned the matter over to the state authorities and are considering retaining an out of town attorney.

In light of your instructions, I have previously sent you a motion and order to dismiss the case pending in Magistrate Court for Forceable Entry and Detainer. As I explained to you that suit was strictly to regain possession of the building which Guardian surrendered on February 29, 2000.

I have been contacted by Mark Sanchez, the attorney for Guardian, who indicated his client recognized that removal of the hoist may have caused some cosmetic problems with the building and he has offered to grind down any exposed sharp metal surfaces and paint them. Guardian continues to deny any responsibility for the oil in the five foot deep sump located under the grate inside the building. They continue to offer to pay one half (1/2) of the cost to drain the sump and to dispose of the oil. Mr. Sanchez did indicate that this would be the extent of what Guardian would do and they accept no further responsibility for any environmental conditions. As you may have been told, the land owner and the occupier of the premises are both responsible for any environmental conditions. I trust you will seek the advice of another attorney in this regard.

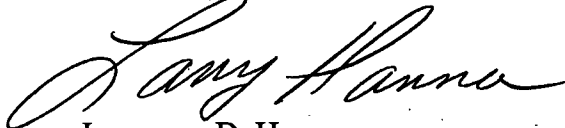
You have also instructed me to finalize the Probate. Currently the property is still held in the name of your father and Bula Powell. As I explained to you there is no simple way to clear the title to the property. A separate suit will have to be filed, called a Petition to Determine Heirship. This will have to be filed to get your mother's name off the property. It should not be difficult since you are the only heir. However, it will require filing the suit and publishing notice of your intent to claim the property. This will have to be done prior to the time the property is sold. This is necessary because your father never took any steps to have the property put in his name alone after your mother's death. As you will recall we were able to sidestep this problem with regard to your father's residence because of a provision of New Mexico law that allows a widower to clear up the title to a residence that is a homestead by filing an affidavit with the County Clerk. As I explained to you at that time, this does not apply to any real estate, other than a homestead.

March 16, 2000
page 2
McCart Letter

In any event, I advise that you not take the final step of having the property transferred into your name, until any potential environmental problems are taken care of. If you were to take title to the property now you and your husband could face personal liability for environmental cleanup if the problems are more extensive than presently known. You should discuss this with any attorney you hire with regard to the environmental issues.

If you have any additional questions or instructions, please contact me.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Larry Hanna".

Lawrence D. Hanna

LDH/jmb

LEA COUNTY SEPTIC TANK SERVICE

Federal I.D. #85-0305287

P.O. Box 703

HOBBS, NEW MEXICO 88241

(505) 397-2382

Mr. Taylor

- Called on 4-5-00 @ 9:20 A.M.
Left message for them to
call me.

NAME		DATE	
Rich McCart		3-3-00	
ADDRESS		PHONE	
1306 W. Broadway		HOBBS, NM 88241	
SOLD BY	CASH	C.O.D.	CHARGE
			ON ACCT.
			MDSE. RETD.
QTY.	DESCRIPTION	AMOUNT	
	Pumping		
	pils 1306		
	West Broadway		397.50
	We removed		
	approx. 25 barrels		
	mixing it with water include		
	EE Taylor 4/4/00		
	<i>(Signature)</i>		
RECEIVED BY		TAX	
		TOTAL	397.50

8800



To Reorder Call
1-800-225-6380

THANK YOU

All claims and returned goods MUST be accompanied by this bill.

STATE OF NEW MEXICO

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
JACK FORD	DONNA WILLIAMS
FAX NUMBER:	DATE:
1-505-827-8177	04-05-00
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER:
GUARDIAN	6
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:
	505-393-6161 EXT...113
DISCHARGE PLAN	

☐ URGENT	☐ FOR REVIEW	☐ PLEASE COMMENT
☐ PLEASE REPLY		☐ PLEASE RECYCLE

NOTES/COMMENTS:

Jack,

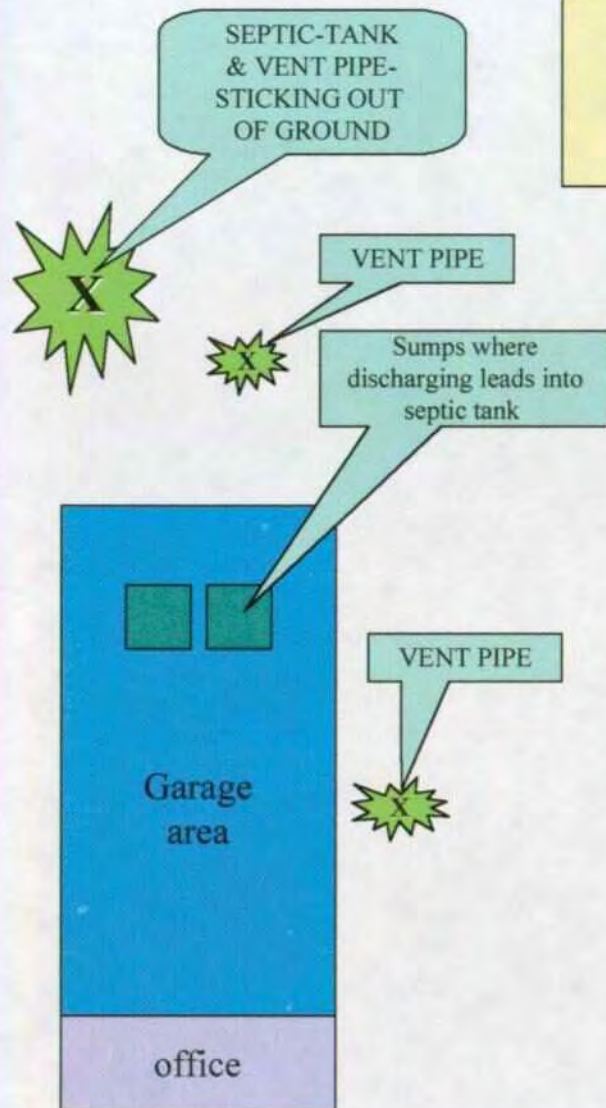
Here are the analyticals that were sent to me from Trace. You need to give me a call on these if you will. I have a few doubts about all of this. I appreciate it.

THANKS AGAIN.☺

IF YOU HAVE ANY QUESTIONS PLEASE DON'T HESITATE TO CALL (505)-
393-6161 EXT...113

DONNA WILLIAMS

GUARDIAN WELLHEAD PROTECTION
(505) 397-0514 OWNER: MURRY ERICKSON



Took
Samples
ON 03/14/00
D.W.
mailed
same day

CLAIM:

GUARDIAN FLUSHED OIL-SOLVENTS
& ect.. INTO SEPTIC TANK SUMPS FLOWS
INTO THE SEPTIC TANK. GUARDIAN UP
AND LEFT THIS FACILITY AS IS. NOW THE
OWNERS OF THE PROPERTY HAS COME TO US NOT
KNOWING HOW TO HANDLE THIS. THEY
ARE **RICK & PENNY McCART**

392-0661

****TWO VENT PIPES ARE STICKING OUT OF THE TOP OF
THE GROUND AND APPEAR TO BE FULL OF LIQUID.
LEA COUNTY SEPTIC SERVICE CO. HAS PUMPED THIS
LOCATION SEVERAL TIMES - THE McCARTS' STATE: (IT WAS
SAID BY THE OWNER THAT OIL HAS BEEN SO THICK THAT
IT WAS ALMOST IMPOSSIBLE TO PUMP.)**

1306 W. BROADWAY HOBBS, NEW MEXICO 88240
(OCCUPIED FACILITY FOR 6 YEARS) LEASE UP MARCH 1ST, 2000



Guardian Wellhead Protection,
mailing: (Phone: 392-0514)

P.O. Box 13188
Odessa, Tx 79768

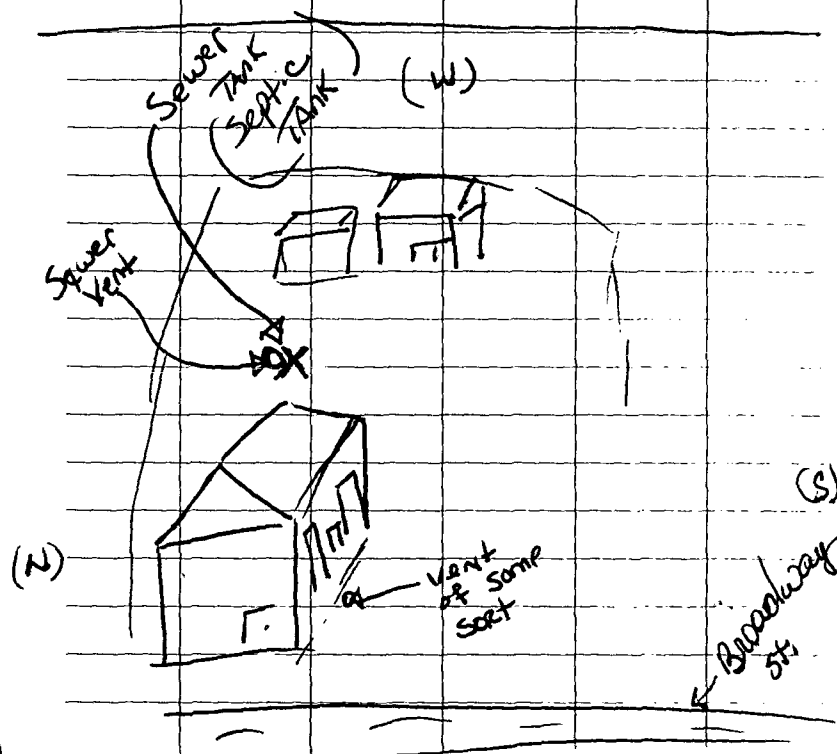
Shipping:

6907 East Commerce
Odessa, Tx 79762

New
Physical
ADD:

Hobbs: Currently being built
5606 Carlbad Hwy.

Currently Under Construction
Hobbs, New Mexico 88240



03-10-00

* Guardian
Wellhead Protection Service
(owner: Murry Erickson)

* Rick McCart
Penny " } owners
392-06661

old Facility

* 1306 W. Broadway
* Sec 33 - T18S - 38E

→ Guardian occupied facility
For past 6 years. They now
have another facility somewhere
on outside of Hobbs.

The claim: Guardian flushed
oil - solvents - ect...
into Sewer System.

System does not flow into
Hobbs city - it is one that
has to be pumped out (TANK)
→ has sumps inside facility
that pump into sewer

LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

FAX (505) 391-9489

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

January 31, 2000

Mark Sanchez, Esq.
P.O. Box 770
Hobbs, NM 88241-0770

BY FACSIMILE MACHINE
AND FIRST CLASS MAIL

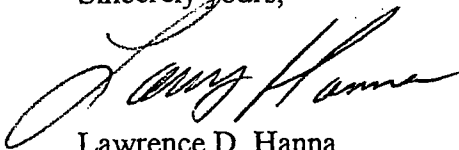
Re: Guardian Wellhead Protection, Inc.

Dear Mr. Sanchez:

This letter will follow up on our conversation of January 25, 2000. As I indicated, my client has no intention of allowing your client to remain upon the property located at 1306 W. Broadway, Hobbs, NM. My client has also informed me that she has observed no effort whatsoever on behalf of Guardian to vacate the premises. Please advise your client that I have prepared a suit for forcible entry and detainer which will be filed as soon as possible. Please let me know whether Mr. Reagan, is registered agent, or will accept service.

If you have any other questions, please do not hesitate to contact me.

Sincerely yours,



Lawrence D. Hanna

LDH/jmb

pc: Penny McCart

COPY

LAW OFFICES OF
GARY DON REAGAN, P.A.
 a professional corporation
 (505) 397-6551

GARY DON REAGAN
 MARK TERRENCE SANCHEZ

NM LegalNet No. LGREGAN
 Facsimile # (505) 393-2252
 P.O. Box 770
 501 NORTH LINAM
 HOBBS, NEW MEXICO 88241

December 8, 1999

Lawrence D. Hanna, Esq.
 Lawrence D. Hanna, P.A.
 P. O. Box 2733
 Hobbs, New Mexico 88241-2733

By Facsimile Machine Only

Re: Guardian Wellhead Protection, Inc.

Dear Larry:

My client accepts the proposal in your letter dated October 28, 1999, with the following changes:

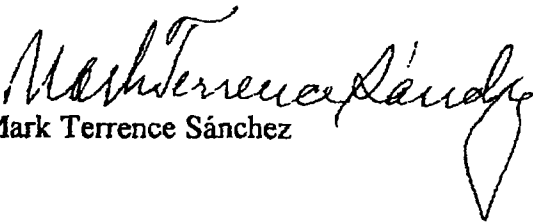
- (1) the premises would be vacated on January 31, 2000;
- (2) it does not understand what is meant by cement debris in the driveway; however, if your client is referring to posts, such posts will be removed before my client vacates the premises;
- (3) my client will permit inspection of the septic tank at your client's sole expense; during its tenancy, my client has disposed of no oil through the septic system; and
- (4) my client agrees to restore the door between the two access doors to its condition when my client took possession; note however that this will not constitute a complete repair inasmuch as when my client took possession the door was already in disrepair; my client is willing to reach a reasonable agreement as to what repairs will be undertaken.

Please ask your client or clients to indicate their assent by signing a copy of this letter and returning the copy with signatures to me.

Lawrence D. Hanna, Esq.
December 8, 1999
Page 2

With many thanks.

GARY DON REAGAN, P.A.

by 
Mark Terrence Sánchez

LAW OFFICES OF
GARY DON REAGAN, P.A.
 a professional corporation
 (505) 397-6551

GARY DON REAGAN
 MARK TERRENCE SANCHEZ

NM LegalNet No. LGREGAN
 Facsimile # (505) 393-2252
 P.O. Box 770
 501 NORTH LINAM
 HOBBS, NEW MEXICO 88241

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TELECOPY TRANSMITTAL SHEET

DATE TRANSMITTED December 8, 1999 TIME 3:35

PLEASE DELIVER THE FOLLOWING PAGES TO:

Larry Hanna, Esq.
 P. O. Box 2733
 Hobbs, NM 88241

FAX NUMBER: (505) 397-1205

You should receive 3 pages of copy, including this cover page. Please notify us immediately at (505) 397-6551 if not received properly.

☒ For your comments
☐ Please call me about this

☐ As you requested
☐ As we discussed

If checked, original will be forwarded to you by:

☐ Federal Express

☐ regular mail.

RE: Guardian Wellhead Protection, Inc.

MESSAGE: Please see attached letter.

Thank you.

GARY DON REAGAN, P.A.

by Marjorie
 Marjorie Patton
 Legal Assistant

LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

FAX (505) 391-9489

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

March 2, 2000

Mark Sanchez, Esq.
Gary Don Reagan, P.A.
P.O. Box 770
Hobbs, NM 88241-0770

BY FACSIMILE MACHINE
AND FIRST CLASS MAIL

Re: Guardian Wellhead Protection, Inc.

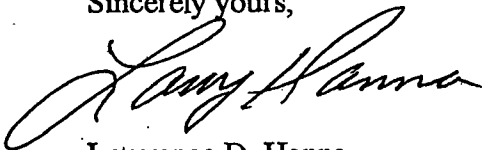
Dear Mark:

My clients have informed me that Guardian has removed a commercial hoist and the framework to support it. This fixture was in the building at the time they rented it from Mr. Powell and is now missing. The approximate value of this fixture is \$5,000.00. In addition, a commercial dumpster has been removed which was being paid for, as were all the water utilities, by my client. Demand is made for the return of these items immediately. In addition, my client informs me that there is oil floating on top of what I understand to be the disposal system. This will require remediation. As soon as I know the extent of the problem I will inform you.

If the above items are not returned or arraignments made to return them within five (5) days of the date of this letter. My client has instructed me to file suit.

If you have any questions, please to not hesitate to contact me.

Sincerely yours,



Lawrence D. Hanna

LDH/jmb

pc: Penny McCart

COPY

LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

FAX (505) 391-9489

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

January 31, 2000

Mark Sanchez, Esq.
P.O. Box 770
Hobbs, NM 88241-0770

BY FACSIMILE MACHINE
AND FIRST CLASS MAIL

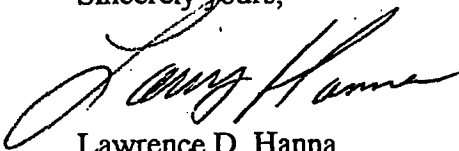
Re: Guardian Wellhead Protection, Inc.

Dear Mr. Sanchez:

This letter will follow up on our conversation of January 25, 2000. As I indicated, my client has no intention of allowing your client to remain upon the property located at 1306 W. Broadway, Hobbs, NM. My client has also informed me that she has observed no effort whatsoever on behalf of Guardian to vacate the premises. Please advise your client that I have prepared a suit for forcible entry and detainer which will be filed as soon as possible. Please let me know whether Mr. Reagan, is registered agent, or will accept service.

If you have any other questions, please do not hesitate to contact me.

Sincerely yours,



Lawrence D. Hanna

LDH/jmb

pc: Penny McCart

COPY

LAW OFFICES OF
GARY DON REAGAN, P.A.
 a professional corporation
 (505) 397-6551

GARY DON REAGAN
 MARK TERRENCE SANCHEZ

NM LegalNet No. LGREGAN
 Facsimile # (505) 393-2252
 P.O. Box 770
 501 NORTH LINAM
 HOBBS, NEW MEXICO 88241

December 8, 1999

Lawrence D. Hanna, Esq.
 Lawrence D. Hanna, P.A.
 P. O. Box 2733
 Hobbs, New Mexico 88241-2733

By Facsimile Machine Only

Re: Guardian Wellhead Protection, Inc.

Dear Larry:

My client accepts the proposal in your letter dated October 28, 1999, with the following changes:

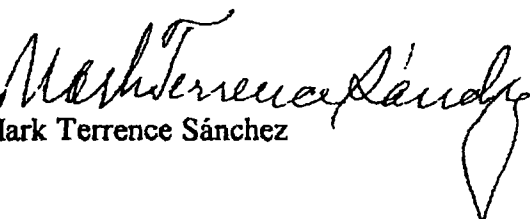
- (1) the premises would be vacated on January 31, 2000;
- (2) it does not understand what is meant by cement debris in the driveway; however, if your client is referring to posts, such posts will be removed before my client vacates the premises;
- (3) my client will permit inspection of the septic tank at your client's sole expense; during its tenancy, my client has disposed of no oil through the septic system; and
- (4) my client agrees to restore the door between the two access doors to its condition when my client took possession; note however that this will not constitute a complete repair inasmuch as when my client took possession the door was already in disrepair; my client is willing to reach a reasonable agreement as to what repairs will be undertaken.

Please ask your client or clients to indicate their assent by signing a copy of this letter and returning the copy with signatures to me.

Lawrence D. Hanna, Esq.
December 8, 1999
Page 2

With many thanks.

GARY DON REAGAN, P.A.

by 
Mark Terrence Sánchez



ARDINAL LABORATORIES

PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

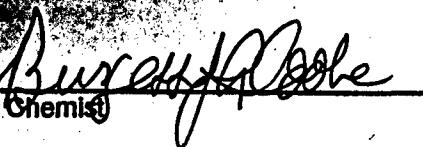
ANALYTICAL RESULTS FOR
GUARDIAN WELLHEAD
ATTN: LARRY RACKLEY
5606 CARLSBAD HWY.
HOBBS, NM 88240
FAX TO: (915) 368-0750

Receiving Date: 11/23/99
Reporting Date: 11/30/99
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/22/99
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC

LAB NO.	SAMPLE ID	TPH (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE:		11/24/99	11/24/99	11/24/99	11/24/99	11/24/99
H4473-1	TEST WELL	140	<0.002	<0.002	<0.002	<0.006
Quality Control		231	0.088	0.097	0.100	0.307
True Value QC		240	0.100	0.100	0.100	0.300
% Recovery		96.3	88.4	97.3	100	102
Relative Percent Difference		2.9	0.8	4.0	10.6	11.4

METHODS: TRPHC - EPA 600/4-78-020, 418.1; BTEX - EPA SW-846 8260


Chemist

11/30/99
Date

H4473.XLS

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 whatsoever 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

FAX (505) 391-9489

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

October 28, 1999

Mark Sanchez, Esq.
P.O. Box 770
Hobbs, NM 88241-0770

FACSIMILE MACHINE
AND REGULAR MAIL

Re: Guardian Wellhead Protection, Inc.

Dear Mark:

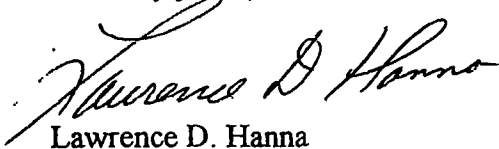
My clients have considered your client's request to continue to lease the commercial property located at 1306 West Broadway on a month to month basis through December 31, 1999. My client will agree to this request provided that we receive a letter signed by him agreeing to the following:

1. Rent of \$653.00 per month be paid prior to the first of each month.
2. That Guardian leave the property in clean condition and that they
 - A. Repair the driveway to remove the cement debris and fill in any holes with gravel.
 - B. That the septic tank be inspected to make sure that it is not clogged with oil and that it drains properly.
 - C. The walk in door between the two access doors is repaired as well as the sheet metal.

If this is acceptable please have your client sign a letter to this effect as soon as possible, but in no event later than ten (10) days from the date of this letter.

As always, should you have any questions, do not hesitate to contact me.

Sincerely yours,


Lawrence D. Hanna

LDH/jmb

cc: Penny McCart

COPY

LAWRENCE D. HANNA, P.A.

ATTORNEY AT LAW

TELEPHONE (505) 397-0977

FAX (505) 391-9489

518 NORTH SHIPP
POST OFFICE BOX 2733
HOBBS, NEW MEXICO 88241

Bought
into office 03/10/00
D.W.

August 30, 1999

Guardian Well Head Protection Inc.
1306 W. Broadway
Hobbs, NM 88240

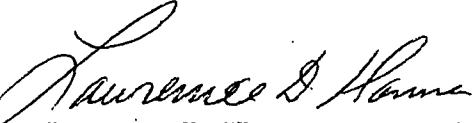
ATTN: JESSE

Dear Sir:

This office represents Penny McCart, Personal Representative of the estate of Bill Powell, the owner of the commercial property located at 1306 W. Broadway and leased on a month to month basis to Guardian Well Head Protection Inc. This letter is written notice that the lease is terminated effective October 1, 1999 and you have the month of September to move your business and clean and repair the property to its original condition wear and tear expected.

If you have any questions, don't hesitate to contact me and not Mr. & Mrs. McCart.

Sincerely yours,


Lawrence D. Hanna

LDH:cs

PLAINTIFF'S
EXHIBIT

A

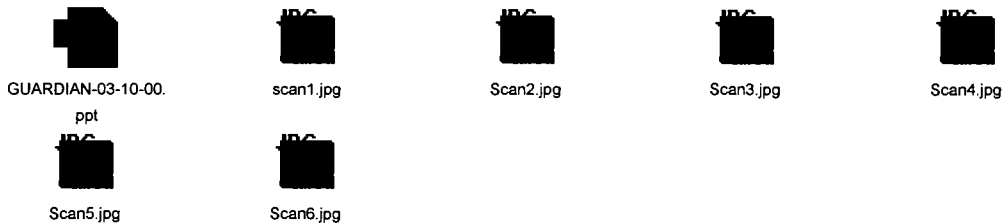
Ford, Jack

From: Williams, Donna
Sent: Tuesday, March 14, 2000 3:58 PM
To: Ford, Jack
Cc: Anderson, Roger; Kieling, Martyne; Olson, William; Price, Wayne; Williams, Chris; Wink, Gary; Martin, Ed
Subject: Guardian

Jack,

I finally got this bright **IDEA** that I would email you a copy of what I will be sending to you in the mail. Here are some pictures and a copy of the description of the facility. I thought I would go ahead and email it to the whole gang.....to catch everyone else up on the situation. Today I took samples and sent them to Lubbock. So the analysis will be to us in a few weeks. ? Right.©

Here they are; if any of you have any questions or suggestions let me know.



it is my understanding that the sump empties into the septic tank and it is a leach system. There are two vent pipes open and both are full, or are ground level. I was told by Murry Erickson today that one is not connected to the septic system????? Anyways. He showed up at location while I was there shortly after collecting the samples. Seems to want to be cooperative.

It looks as if I will be in your part of the country next week???? See ya
Donna

Oct. 4. 2005 10:29AM

HOLLMANN LYON PATTERSON DURELL

No. 5809 P. 26/30

Thomas C. Turney
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
STATE ENGINEER OFFICE**

Trn Nbr: 169730
File Nbr: L 11011

Nov. 18, 1999

MURRAY ERICKSON
GUARDIAN WELLHEAD
6907 E. COMMERCE
ODESSA, TX 79762

Greetings:

Enclosed is your copy of the 72-12-1 Permit which has been approved. Your attention is called to the Specific and the General Conditions of Approval of this permit.

In accordance with General Condition C, a well record shall be filed in this office within ten (10) days after completion of drilling. The well record is proof of completion of the well. IT IS YOUR RESPONSIBILITY TO ASSURE THAT THE WELL LOG BE FILED WITHIN 10 DAYS OF DRILLING THE WELL.

This permit will expire on or before 11/17/2000, unless the well has been drilled and the well log filed in this office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Johnny R. Hernandez".

Johnny R. Hernandez
(505) 622-6467

Enclosure

cc: Santa Fe Office

wr_01app



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT
Ground Water Quality Bureau

Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502
(505) 827-2918 phone
(505) 827-2965 fax



PETER MAGGIORE
SECRETARY

MEMORANDUM

TO: Bill Olsen
NM Energy, Minerals & Natural Resources Department
Oil Conservation Division

FROM: Mary Heather Noble
NM Environment Department
Ground Water Quality Bureau

DATE: November 12, 1999

SUBJECT: Notice of Intent for Guardian Wellhead Protection vehicle/equipment wash,
Hobbs New Mexico

RECEIVED
DEC 06 1999
Environmental Bureau
Oil Conservation Division

I have enclosed a Notice of Intent for the Guardian Wellhead Protection vehicle/equipment wash facility for your review. The facility is located at 1306 West Broadway in Hobbs, New Mexico. The contact for the facility is Larry Rackley at the Guardian headquarters in Odessa, Texas (phone: 505-397-0514).

I have also included my notes and prior correspondence for your information. If you have any questions, please contact me at 827-2782. Thank you for your assistance in this matter.

09/10/99 15:55 FAX 505827296

GROUND WATER BUREAU

RECEIVED 0002

OCT 07 1999

NOTICE OF INTENT

GROUND WATER BUREAU

1. Name and address of the person making the discharge.

GuardianTelephone: 505-397-05141306 W BroadwayWork No: 505-397-0149Hobbs N.M.

2. Location of the discharge (in township, range and section, 1/4, 1/4, 1/4, if available).

Section 36 T18S R37E Lea co n.m

3. The means of discharge (to a lagoon, flowing stream, water course, arroyo, septic tank-leachfield, other) - specify.

Septic Tank - Leach Field

4. The estimated concentration of contaminants in the discharge.

~ 10%RECEIVED
DEC 06 1999
Environmental Bureau
Oil Conservation Division

5. The type of operation from which the discharge is derived.

Washing Trucks

6. The estimated flow to be discharged per day.

~ 30 gallon per day

7. The estimated depth to ground water.

40 ftSigned: Larry RiedleyDate: 9-24-99

Return this form to:

Phone: (505) 827-2900

FAX: (505) 827-2965

New Mexico Environment Department
Ground Water Pollution Prevention Section
P.O. Box 26110
Santa Fe, NM 87502



GARY E. JOHNSON
GOVERNOR

State of New Mexico
ENVIRONMENT DEPARTMENT

Hobbs Field Office
726 East Michigan Suite 165
Hobbs, New Mexico 88240
Telephone (505) 393-4302
Fax (505) 393-0906



PETER MAGGIORE
SECRETARY

Fax Transmittal

To: <u>FRED KALISH</u>	Date: <u>10/6/99</u>
cc: _____	From: <u>DON BYRNE</u>
cc: _____	No. Pages: <u>2</u>
Fax #: <u>827-2965</u>	

☐ Urgent	☐ Reply ASAP	☒ Your Review
<u>Attached Notice of Intent</u> <u>for shop, office, & car</u> <u>wash. Will also be servicing</u> <u>high pressure valves & well</u> <u>head fittings for various</u> <u>oil field companies</u>		

(505)
393-4302

Guardian Wellhead Protection

1306 W. Broadway

Hobbs NM 88240-5565

- oil well Drilling
- oil well services.

MEMORANDUM OF MEETING OR PHONE CONVERSATION

☒ Telephone

☐ Meeting

Time

Date

10/22/99

Individuals Involved

Larry Rackley - Granddian Wellhead Protection
MH Noble

Subject

Operations at the Hobbs facility
(for clarification on the NOI Submitted 10/7/99)

Discussion

I called Mr. Rackley to get a better idea of what activities go on at the Hobbs office - They have a septic tank leach field that serves the Restroom facilities at the office (4 employees) - I told him to pursue a Liquid Waste Permit for that system and focus the NOI on the septic tank/leach field to be installed for the vehicle/equip. washbay. The washbay will be used to clean their vehicles that go out into oil fields - Right now they have 2 Trucks & 2 smaller pick-ups that are washed 2-3 times per week.

Conclusions

The steamer produces ~1.5 gallons per minute. Mr. Rackley figured about 20 min. of wash time per vehicle → worst case estimate of 30 gallons per day. Mr. Rackley said that he had talked to someone at OGD (a woman), But could not remember her name.

Distribution

Told me to call Joe Richards,
the contractor who will install the
system, for details → 393-0730

Initialed

MEMORANDUM OF MEETING OR PHONE CONVERSATION



Telephone



Meeting

Time

3¹⁵ pm

Date

11/5/99

Individuals Involved

Joe Richards - Contractor hired to install oil/water separator & leach field
M.H. Noble Guardian

Subject

Design for the waste water treatment system
for the Vehicle/Equipment wash at the Guardian
Wellhead Protection facility in Hobbs, NM.

Discussion

I called Mr. Richards to get an idea of the
waste water treatment system.

Washwater from the wash bays is collected in a 1,000-gallon septic
tank with skimmer. Oil is diverted to a 250-gallon Fiberglass
tank. Sand settles in the tank and water is then sent out
to a leachfield (sized for ~375 gallons per day).

Mr. Richards is not aware of any use of solvents/degreasers to
be used at the vehicle/equipment wash bay - just Steam & car wash

Conclusions

Soap. Vehicles are used in oil fields - probably
fall under OGD's jurisdiction.

Distribution

Initialed

JAN