Bratcher, Mike, EMNRD

From: Cliff P. Brunson [cbrunson@bbcinternational.com]

Sent: Saturday, September 17, 2011 4:18 PM

To: Bratcher, Mike, EMNRD

Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Subject: Oxy Winston Gas Com #4 SWD

Attachments: Oxy-Winston Gas Com #4 SWD-Site drawing and lab data.pdf; Oxy-Winston Gas Com #4

SWD-Site Pictures.pdf

Follow Up Flag: Follow up Flag Status: Flagged

Mike,

This e-mail is to confirm our discussion on September 13, 2011 concerning the remediation plan for the release that occurred at the Oxy Winston Gas Com #4 SWD. As agreed, Oxy will hand excavate 6 inches of the impacted soil in the spill area inside the building where possible due to multiple lines and equipment existing in the spill area in the building. The excavation will then be backfilled with clean soil. The depth to groundwater is this area is approximately 30 to 50 feet.

I have attached the site drawing and laboratory data and a few pictures that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone (575) 397-6388
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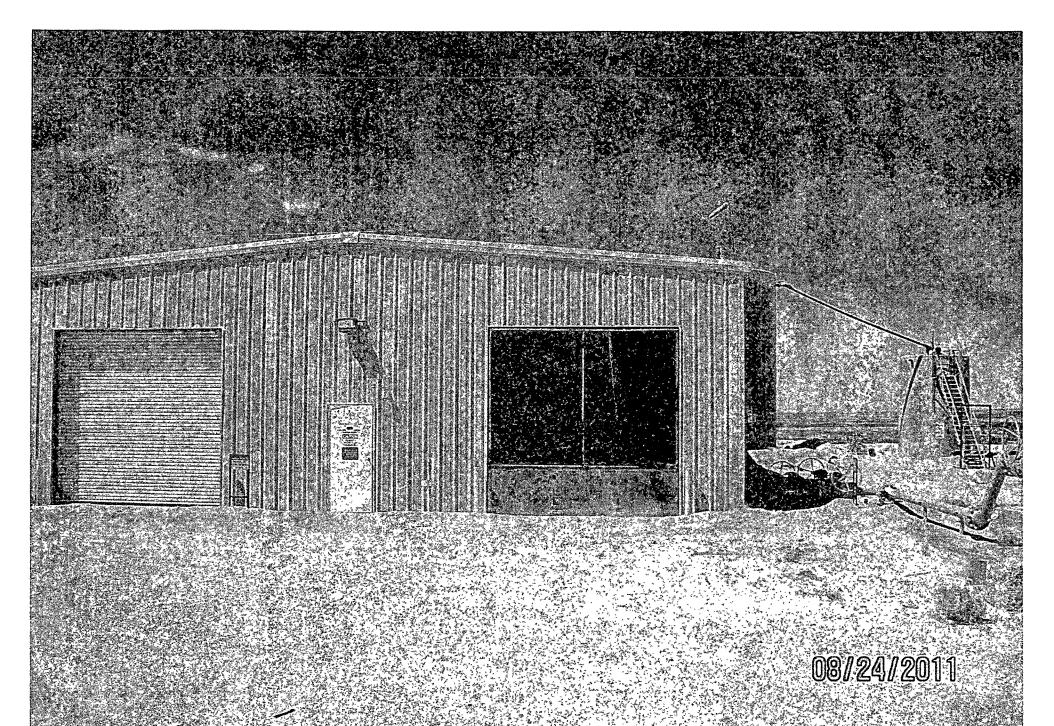
E-Mail. cbrunson@bbcinternational.com

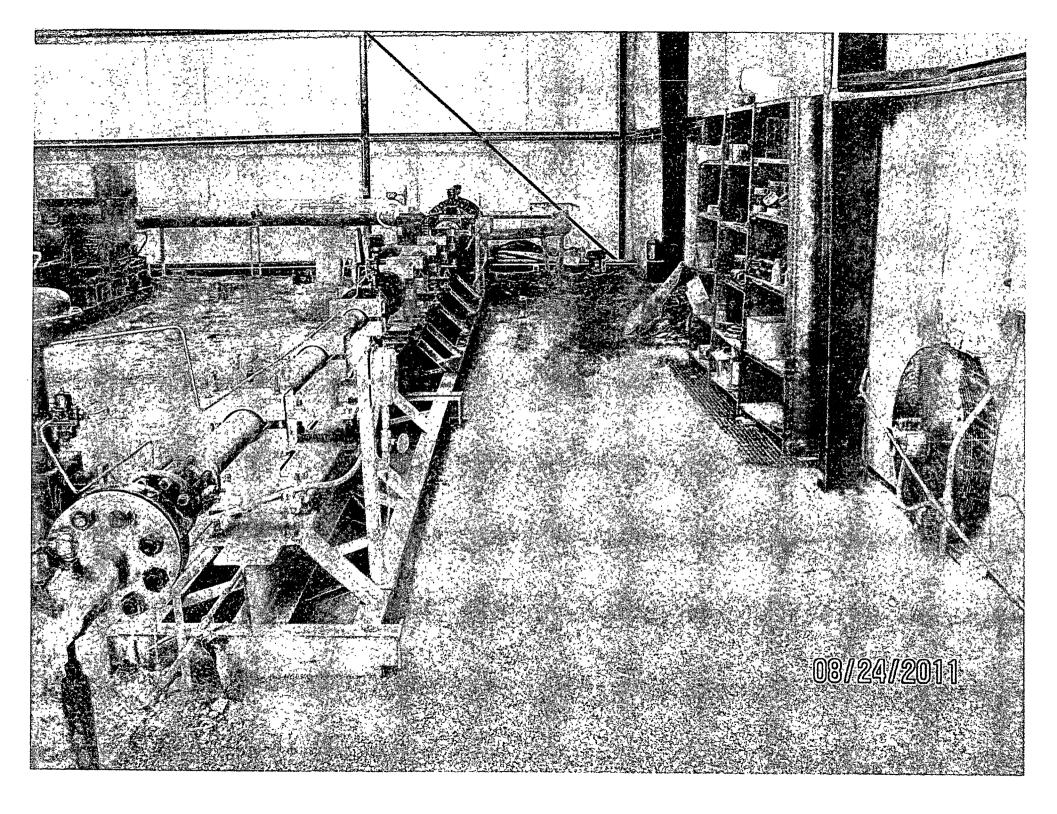
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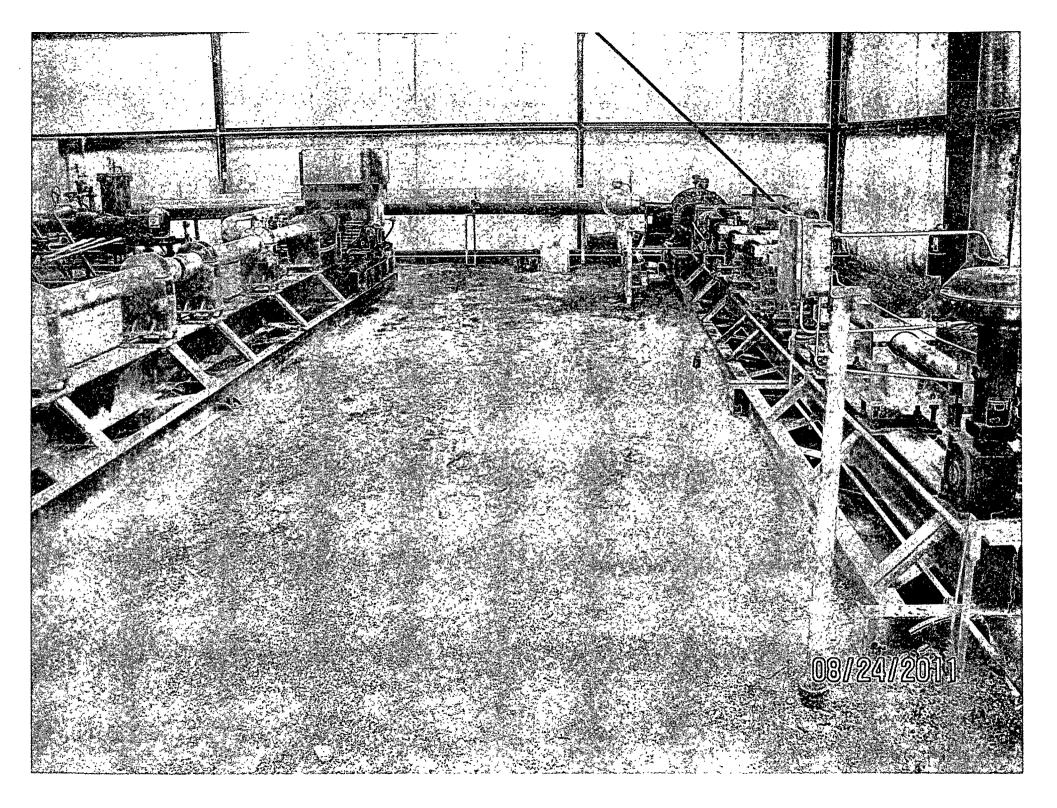
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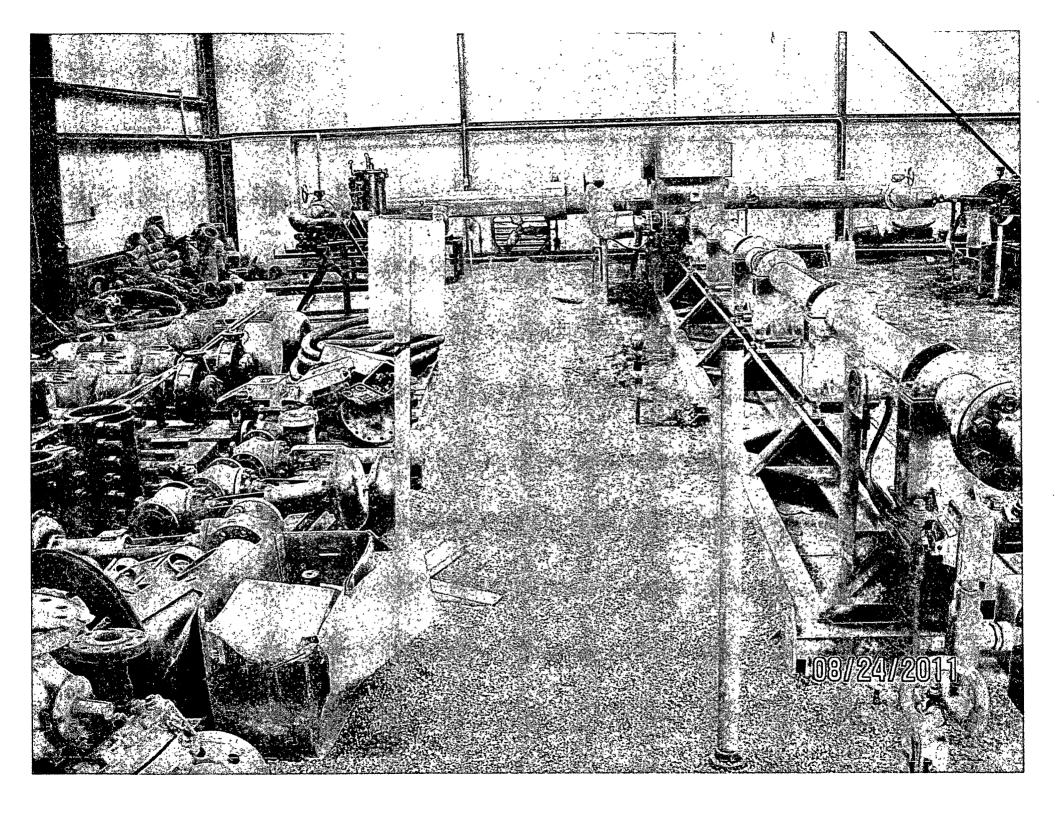


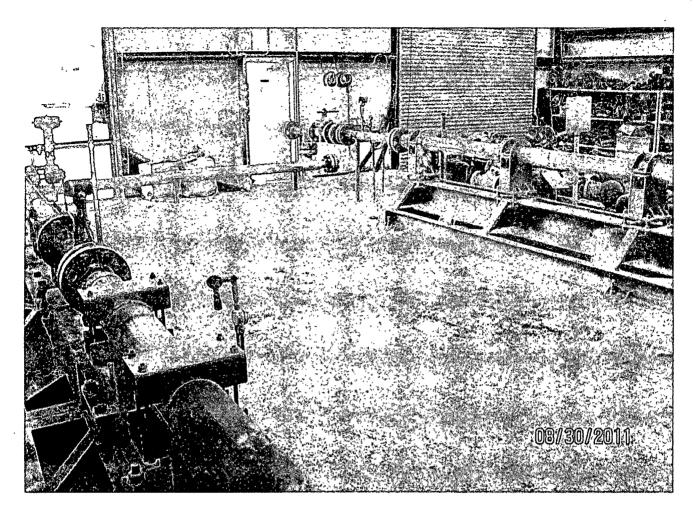
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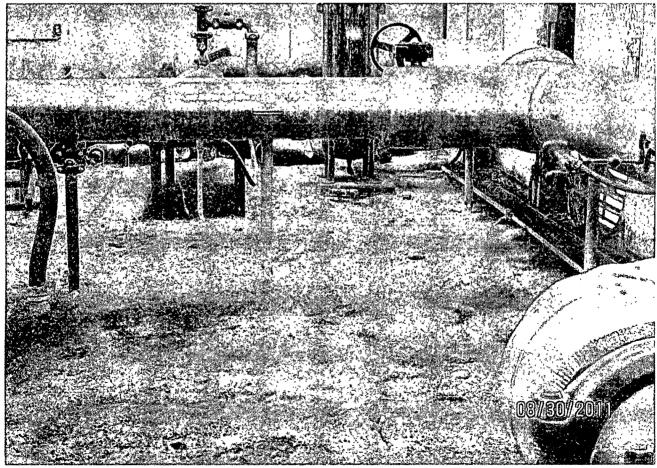












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September 02, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: WINSTON #4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 09/01/11 8:40.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260 Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005 Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

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

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (505) 397-0397

Received:

09/01/2011

Sampling Date:

08/30/2011

Reported:

09/02/2011

Sampling Type:

Soil

Project Name:

WINSTON #4 SWD

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 1 SURFACE (H101859-01)

| Çhloride, | SM4500CI-B |
|-----------|------------|
| | |

mg/kg

Analyzed By: HM

Analyte

Result 2280 Reporting Limit 16.0

Analyzed 09/01/2011 Method Blank ND

BS 416

BS

% Recovery 104

True Value QC 400

RPD

Qualifier

0.00

Sample ID: SP 1 @ 2FT (H101859-02)

Chloride, SM4500Cl-B

Analyte

Analyte

Analyte

Analyzed By: HM

104

400

Chloride

Chloride

Result 512

Analyzed 09/01/2011 Method Blank ND

% Recovery 416

True Value QC

RPD Qualifier

0.00

Sample ID: SP 1 @ 4FT (H101859-03)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

BS

% Recovery

True Value QC

Qualifier

Chloride

Chloride

Result 736

Result

336

Reporting Limit 16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed

09/02/2011

Method Blank ND

416

104

104

400

400

RPD

7.41

Sample ID: SP 1 @ 6 FT (H101859-04)

Chloride, SM4500Cl-8

Analyzed

09/02/2011

Analyzed By: HM

Method Blank

ND

BS 416 % Recovery

True Value QC

RPD

Qualifier 7.41

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 2 of 7



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (505) 397-0397

Received:

09/01/2011

Sampling Date:

08/30/2011

Reported:

09/02/2011

Sampling Type:

Soil

Project Name:

WINSTON #4 SWD

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN CARLSBAD, NM Sample Received By:

Jodi Henson

Sample ID: SP 2 SURFACE (H101859-05)

| Chlaride | SM4500CI-B |
|-----------|--------------------|
| CHIOH ME. | コ にキンひひてに B |

| mg/ | k |
|-----|---|
|-----|---|

Analyzed By: HM

| Analyte | |
|---------|--|
|---------|--|

Result

Reporting Limit Analyzed 16.0 09/02/2011 Method Blank ND

416

BS

104

% Recovery

True Value QC 400

RPD

7.41

Qualifier

11400

Result

Result

176

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

Analyte

Analyte

Analyte

Analyte

Analyzed By: HM

Chloride

Chloride

592 16.0

Reporting Limit

Reporting Limit

16.0

Analyzed 09/02/2011

Analyzed

09/02/2011

Method Blank ND

ВS 416

BS

416

% Recovery 104

True Value QC 400

RPD Qualifier

Sample ID: SP 2 @ 2 FT (H101859-07)

Sample ID: SP 2 @ 1 FT (H101859-06)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Method Blank

% Recovery

True Value OC

7.41

RPD Qualifier

Sample ID: SP 3 SURFACE (H101859-08)

Chloride, SM4500CI-B

Analyzed By: HM

ND

104

% Recovery

104

104

400

7.41

Chloride

Chloride

Chloride

Result 5680

Result

896

Reporting Limit 16.0

Reporting Limit

16.0

Analyzed 09/02/2011

Analyzed

09/02/2011

Method Blank ND

BS 416 % Recovery

True Value QC

RPD

Qualifier

Sample ID: SP 3 @ 2 FT (H101859-09)

Chloride, SM4500Cl-B

400

True Value QC

400

7.41

mg/kg

Analyzed By: HM

Method Blank

ND

BS

416

7 41

Qualifier RPD

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Celey D. Keine Celey D. Keene, Lab Director/Quality Manager

Page 3 of 7



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805

Hobbs NM, 88241

(505) 397-0397 Fax To:

Received:

09/01/2011

Sampling Date:

08/30/2011

Reported:

09/02/2011

Sampling Type:

Soil

Project Name:

WINSTON #4 SWD

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 3 @ 4 FT (H101859-10)

Chloride

Chloride

mg/kg

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed By: HM

Analyte

Analyte

Result

720

Result

544

Analyzed 09/02/2011 Method Blank ND

BS 416 % Recovery 104

% Recovery

True Value QC 400

400

Qualifier

RPD 7.41

Sample ID: SP 3 @ 7 FT (H101859-11)

Analyzed By: HM

Qualifier

Chloride, SM4500Cl-B

Analyzed 09/02/2011 Method Blank ND

BS 416

104

True Value QC

RPD

7.41

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Celey D. Kens Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: BBC International, Inc. | | | | | BILL TO ANALYSIS REQUEST | | | | | | | | | | | | |
|---|--|---------------------------------|---|---|--------------------------|----------------|---|-------|---------------|-------|-------------------------|--|-------------|-----|---|-----|---|
| | : Cliff Brunson | | | P.O. #: | | | | | | | 7 | | | Ť | | | |
| Address: P.O. Box 805 | | | | | Company: | | | ļ | } | ľ | | | | | Ì | | |
| City: Hobbs State: NM zip: 88241 | | | | | | | | 1 | 1 | | | | | i | | | |
| Phone #: 575- | 397-6388 Fax #: 575 | -397-0 | 397 | Address: | | | | | | ŀ | | | 1 1 | , | ļ | | |
| Project#: | Project Owner | $: \mathcal{O}_{\Sigma}$ | К Ч | City: | | | | 1 | | | | | | . ! | Ì | - 1 | |
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| Project Location | | | | Phone #: | | | | - 1 | | | | | | | | 1 | |
| Sampler Name: | JORDAN WOODF | 111 | | Fax #: | | |] | | | | | | 1 | . 1 | | | |
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| and alesian repressors arisis | n-dirul be hable for inculental or consequental damages includary na out of or related to the nerformance of significal be runder by (| | | | | | - | | | | | | | | | | |
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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| Company Name: BBC International, Inc. | | | | | BILL TO ANALYSIS REQUEST | | | | | | | | | | | | |
| <u> </u> | | | | | P.O. #: | | | | | | | | | | İ | | |
| | | | | | Company: | | | 1 | | | | | | | | | |
| | | | | | Attn: | | | 1 | | | İ | | | | | | |
| Phone #: 575-397-638 | | -397 - 0 | | Address: | | | | - 1 | | | | | | | İ | | |
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| | arlabad Nh | | | Phone #: | | | | 1 | İ | | | | | į | ı | 1 | |
| Sampler Name: | JERDAN WOOD | =114 | | Fax #: | | | | 1 | | | | | | | | | |
| FOR LABUSE ONLY | | [.] | MATRIX | PRESERV. | SAMPL | ING | ١, ١ | | | ļ | | | | | 1 | [| |
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| Lab I.D. | Sample I.D. | TAIR | NDOV EW | 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3 | | | U | | | | | | ĺ | | Ì | 1 | |
| 1120 10200 | | (G)RAB OR (C)OMP # CONTAINERS | GROUNDWATER WASTEWATER SOIL OIL SLUDGE | ACIDIBASE: ICE / COOIL | D.4.T.F. | | | | | | | | | | | | |
| H101957 | 3 67 F. F | <u>a</u> . | S S S S S S S S S S S S S S S S S S S | 0 8,019 | DATE | TIME | 4 | | -+- | | | | | | | | |
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| | 'e fla victoental or consequental damages, including lated to the performance of services herconder by C | | | | | aso is of others s | ę | | | | | | | | | | |
| Belinquished By: | Date: 31 11 | Receiv | ved By: | | | Phone Res | sult: | ☐ Yes | O No | Add'l | Phone ! Fax #: | 4: | | | | | |
| Man New Time TOD | | | | 5 | | REMARKS | 3: | | | | | | | | | | |
| | | | | | | | Ei | V. Al | L A | KL | | | | | | | Ì |
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| Delivered By: (Circle | Coner - 1 3 76. | -11-12 | Sample Conditi | on CHECK | ED BY: | | • | | | | | | | | | | |
| Sampler - UPS - Bus - | | o o | . Cool Intact. | . Ant | jals) | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: Yes 3 Yes No No No | | | | | <i>!</i> | <u> </u> | | | | | | | | | | | |

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