

**GW - 028**

**712 Waste**

**YEAR(S):**

**2008 - Present**

**Jones, Brad A., EMNRD**


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**From:** Price, Wayne, EMNRD  
**Sent:** Friday, February 08, 2008 2:54 PM  
**To:** Moore, Darrell; Jim Wilson  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** RE: Possible improper waste disposal

Thank you Darrell.

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**From:** Moore, Darrell [mailto:Darrell.Moore@hollycorp.com]  
**Sent:** Friday, February 08, 2008 2:29 PM  
**To:** Price, Wayne, EMNRD; Jim Wilson  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** RE: Possible improper waste disposal

Wayne,

Navajo stopped the shipment of Dissolved Air Flotation (DAF) to Artesia Aeration as soon as you called me Wednesday. It is my understanding after discussions with Jim Wilson at Artesia Aeration that the material has been isolated and we will send trucks to the landfarm to pick it up and dispose of it at Controlled Recovery, Inc. We will complete that next week.

Attached to this email are the following:

- 1) Paperwork, non-hazardous waste manifests, and sample analysis that we sent to Artesia Aeration to get this material approved. We were given a verbal approval from Artesia Aeration to send the waste.
- 2) Approved C-138 from Controlled Recovery, Inc. dated August 20, 2007 to dispose of DAF.

As I mentioned on the phone, we have only sent this waste to Artesia Aeration since January 14, 2008 a total of 8 loads to our knowledge. The reason I say that is that our secretary is out recovering from surgery and we searched the files and found 8 manifests. I don't believe there are any more. If we find any new manifests we will forward those to you.

If there are any further questions concerning this matter, please don't hesitate to call me at 575-746-5281.

---

**From:** Price, Wayne, EMNRD [mailto:wayne.price@state.nm.us]  
**Sent:** Wednesday, February 06, 2008 11:36 AM  
**To:** Jim Wilson; Moore, Darrell  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** Possible improper waste disposal

Dear Mr. Wilson:

It has come to OCD's attention that possible RCRA listed DAF (dissolved air floatation waste normally know as K-048) waste

2/11/2008

generated at the Navajo Artesia Refinery has been disposed of at the Artesia Aeration land farm OCD permit # NM1-30. Please be aware your permit or the regulations do not allow such waste to be disposed of at your facility. You are hereby ordered to stop receiving such waste and perform the following actions:

1. Provide all paperwork, manifest, sample analysis concerning the waste in question to Mr. Brad Jones who will be on site tomorrow morning.
2. Also make arrangements so Mr. Jones may inspect all records during his inspection.
3. Isolate the waste in question until a final determination has been made by this agency for proper disposal.

Dear Mr. Moore:

Pursuant to our telephone conversation this morning you are hereby directed to stop disposing of the DAF waste generated at the Navajo Artesia Refinery at the Artesia Aeration landfarm OCD permit #NM1-30. You indicated this material is predominately dirt, scale, rust and is virtually oil free after it has gone thru the treatment process. You also indicated it is has been deemed non-hazardous. Please note landfarms are for remediating soils that have been contaminated with oilfield hydrocarbons. Since you indicated this material has already gone thru treatment it cannot be disposed of in the landfarm but must go to an OCD permitted landfill or another approved facility. You are hereby ordered to stop sending such waste to Artesia Aeration and perform the following actions today:

1. Provide a copy to this office of all of the paperwork, manifests, sample analysis, waste determinations concerning the waste in question.
2. Provide a copy or point out in your current discharge plan where this waste is approved to be disposed of.
3. Provide this agency a plan for approval to pick-up and properly dispose of the waste in question.

Wayne Price-Environmental Bureau Chief  
Oil Conservation Division  
1220 S. Saint Francis  
Santa Fe, NM 87505  
E-mail [wayne.price@state.nm.us](mailto:wayne.price@state.nm.us)  
Tele: 505-476-3490  
Fax: 505-476-3462

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This inbound email has been scanned by the MessageLabs Email Security System.

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2/11/2008

**Jones, Brad A., EMNRD**


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**From:** Moore, Darrell [Darrell.Moore@hollycorp.com]  
**Sent:** Friday, February 08, 2008 2:29 PM  
**To:** Price, Wayne, EMNRD; Jim Wilson  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** RE: Possible improper waste disposal  
**Attachments:** DAF Application Profile.pdf; DAF Disposal Final.pdf; 2 DAF Disposal Final.pdf

Wayne,

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- 1) Paperwork, non-hazardous waste manifests, and sample analysis that we sent to Artesia Aeration to get this material approved. We were given a verbal approval from Artesia Aeration to send the waste.
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**Sent:** Wednesday, February 06, 2008 11:36 AM  
**To:** Jim Wilson; Moore, Darrell  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** Possible improper waste disposal

Dear Mr. Wilson:

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2/11/2008

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2. Provide a copy or point out in your current discharge plan where this waste is approved to be disposed of.
3. Provide this agency a plan for approval to pick-up and properly dispose of the waste in question.

Wayne Price-Environmental Bureau Chief  
Oil Conservation Division  
1220 S. Saint Francis  
Santa Fe, NM 87505  
E-mail [wayne.price@state.nm.us](mailto:wayne.price@state.nm.us)  
Tele: 505-476-3490  
Fax: 505-476-3462

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2/11/2008

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-138  
Revised March 12, 2007

\*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.

**REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE**

1. Generator Name and Address: NAVAJO REFINERY
2. Originating Site: ARTESIA FACILITY
3. Location of Material (Street Address, City, State or ULSTR): 501 E. MAIN, ARTESIA NM 88211
4. Source and Description of Waste: 08-20-07 (RENEWAL OF PREVIOUS C-138 07-25-06B) DISSOLVED AIR FLOATATION (DAF) FLOAT. ENCLOSED PREVIOUS C-138, NON-EXEMPT WASTE CERTIFICATE, ANALYTICAL, CHAIN OF CUSTODY AND LETTER STATING PROCESS HAS NOT CHANGED.
Estimated Volume 60 yd <sup>3</sup> / WEEK / bbls Known Volume (to be entered by the operator at the end of the haul) yd <sup>3</sup> / bbls
5. <b>GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS</b> I, DARRELL MOORE, representative or authorized agent for NAVAJO REFINERY do hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification) <input type="checkbox"/> RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency <input type="checkbox"/> Monthly <input type="checkbox"/> Weekly <input type="checkbox"/> Per Load XX RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items) <input type="checkbox"/> MSDS Information <input checked="" type="checkbox"/> RCRA Hazardous Waste Analysis <input type="checkbox"/> Process Knowledge <input type="checkbox"/> Other (Provide description in Box 4)
<b>GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS</b> I, _____, representative for _____ do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: S BROTHERS

**OCD Permitted Surface Waste Management Facility**

Name and Facility Permit #: CONTROLLED RECOVERY, INC. R-9166

Address of Facility: P.O. BOX 388, HOBBS, NM 88241

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfarm ☒ Landfill ☐ Other

Waste Acceptance Status:

☒ APPROVED

☐ DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: John Q. Barnidge

TITLE: REP. CEO + PRES DATE: 08-20-07

SIGNATURE: JOHN Q. BARNIDGE  
Surface Waste Management Facility Authorized Agent

TELEPHONE NO.: 505-393-1079



## REFINING COMPANY, L.P.

FAX

(505) 746-5283 DIV. ORDERS  
(505) 746-5481 TRUCKING  
(505) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159  
ARTESIA, NEW MEXICO 88211-0159  
TELEPHONE (505) 746-3311

FAX

(505) 746-5419 ACCOUNTING  
(505) 746-5451 EXEC/MKTG  
(505) 746-5421 ENGINEERING  
(505) 746-5480 PIPELINE

August 30, 2007

Mr. Jim Wilson  
Artesia Aeration, Inc

**RE: Approval of DAF for Disposal at Artesia Aeration**

Dear Jim,

Navajo recently sent you a TCLP analysis of our DAF waste stream. Also included in that analysis were readings for chlorides and paint filter. Based on the analysis from this grab sample, I certify by my signature below that this waste stream is non-hazardous and can be landfarmed under the limits set by the New Mexico Oil Conservation Division in NMAC 19.15.36.15.

Sincerely,  
NAVAJO REFINING COMPANY

Darrell Moore  
Environmental Manager for Water and Waste

*An Independent Refinery Serving . . .*  
**NEW MEXICO • ARIZONA • WEST TEXAS • NORTHERN MEXICO**

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

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

Form C-138  
Revised June 10, 2003

Submit Original  
Plus 1 Copy  
to Appropriate  
District Office

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/>   Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator <u>Navajo Refining Co.</u>
2. Management Facility Destination <u>Artesia Aeration</u>	5. Originating Site <u>Artesia NM</u>
3. Address of Facility Operator	6. Transporter <u>S Brothers</u>
7. Location of Material (Street Address or ULSTR) <u>501 E Main Artesia</u>	8. State <u>NM</u>
9. <u>Circle One:</u> A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL: Dissolved Air Float from petroleum refining.

Estimated Volume 80 cyl/week Known Volume (to be entered by the operator at the end of the haul) \_\_\_\_\_ cy

SIGNATURE \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

APPROVED BY: _____	TITLE: _____	DATE: _____
APPROVED BY: _____	TITLE: _____	DATE: _____



<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NEPC0010017</b>	Manifest Doc. No.	2. Page 1 of 1			
3. Generator's Name and Mailing Address <b>ARTESIA AERATION, L.L.C. PO Box 150 Artesia, NM 87211-0150</b>			<b>NE 8723</b>				
4. Generator's Phone ( 505 ) <b>748-4310</b>							
5. Transporter 1 Company Name <b>S. BROCKERS</b>		6. US EPA ID Number .....		A. Transporter's Phone			
7. Transporter 2 Company Name		8. US EPA ID Number .....		B. Transporter's Phone			
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>		10. US EPA ID Number .....		C. Facility's Phone			
11. Waste Shipping Name and Description			12. Containers		13. Total Quantity		
			No.	Type	14. Unit Wt/Vol		
			a. <b>DEW</b>			<b>10 yds</b>	
			b.				
			c.				
d.							
Additional Descriptions for Materials listed Above			E. Handling Codes For Wastes Listed Above				
15. Special Handling Instructions and Additional Information							
16. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Printed/Typed Name <b>David Gonzalez</b>		Signature <i>David Gonzalez</i>		Month Day Year <b>1 2 16</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature <i>[Signature]</i>		Month Day Year <b>1 2 16</b>			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name		Signature		Month Day Year . . .			
19. Discrepancy Indication Space							
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.							
Printed/Typed Name		Signature		Month Day Year . . .			

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of		
3. Generator's Name and Mailing Address				<b>NE 8757</b>		
4. Generator's Phone ( ) <i>Albuquerque</i>						
5. Transporter 1 Company Name <i>S. Brothers</i>		6. US EPA ID Number	A. Transporter's Phone			
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter's Phone			
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>		10. US EPA ID Number	C. Facility's Phone			
11. Waste Shipping Name and Description			12. Containers		13. Total Quantity	
			No.	Type		
			a.			
			b.			
			c.			
d.						
Additional Descriptions for Materials listed Above			E. Handling Codes For Wastes Listed Above			
15. Special Handling Instructions and Additional Information						
16. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Printed/Typed Name			Signature		Month Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>Chris Murray</i>			Signature <i>[Signature]</i>		Month Day Year <i>01 19 02</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Month Day Year	

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>MTX40018017</b>	Manifest Doc. No.	2. Page 1 of 1
3. Generator's Name and Mailing Address <b>Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159</b>			<b>NE 8713</b>	
4. Generator's Phone (575) 746-3311				
5. Transporter 1 Company Name <b>S Brothers</b>	6. US EPA ID Number .....	A. Transporter's Phone		
7. Transporter 2 Company Name	8. US EPA ID Number .....	B. Transporter's Phone		
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>	10. US EPA ID Number .....	C. Facility's Phone		
11. Waste Shipping Name and Description  a. <del>Controlled Waste Soil</del> <b>DAF</b>  b.  c.  d.		12. Containers		13. Total Quantity
		No.	Type	Unit Wt/Vol
				<b>10 yds</b>
D. Additional Descriptions for Materials listed Above		E. Handling Codes For Wastes Listed Above		
15. Special Handling Instructions and Additional Information  <div style="text-align: right;"><i>[Signature]</i></div>				
16. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name <b>Mark Hernandez</b>		Signature <i>[Signature]</i>		Month Day Year <b>11 28 08</b>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <b>DA Brian D. BAY</b>		Signature <i>[Signature]</i>		Month Day Year <b>11 28 08</b>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.				
Printed/Typed Name		Signature		Month Day Year

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. NM0046913617		Manifest Doc. No.		2. Page 1 of 1		
3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 154 Shiprock, NM 86711-0154 4. Generator's Phone ( 575 ) 748-3311						NE 8711		
5. Transporter 1 Company Name S Brothers			6. US EPA ID Number .....		A. Transporter's Phone			
7. Transporter 2 Company Name			8. US EPA ID Number .....		B. Transporter's Phone			
9. Designated Facility Name and Site Address  ARTESIA AERATION, L.L.C. MALJAMAR, NM			10. US EPA ID Number 1.....		C. Facility's Phone			
11. Waste Shipping Name and Description					12. Containers		13. Total Quantity	14. Unit Wt/Vol
					No.	Type		
a. <i>Waste Water</i>							10 yds	
b. <i>CPH</i>								
c.								
d.								
D. Additional Descriptions for Materials listed Above						E. Handling Codes For Wastes Listed Above		
15. Special Handling Instructions and Additional Information								
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.								
Printed/Typed Name <i>Paul M. ...</i>				Signature <i>Paul M. ...</i>		Month Day Year 1 28 05		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed Name <i>Paul M. ...</i>				Signature <i>Paul M. ...</i>		Month Day Year 1 28 05		
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed/Typed Name				Signature		Month Day Year		
19. Discrepancy Indication Space								
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.								
Printed/Typed Name				Signature		Month Day Year		

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. 1001040810017	Manifest Doc. No.	2. Page 1 of 1		
3. Generator's Name and Mailing Address PO Box 159 Artesia, NM 88411-0159			NE 8780			
4. Generator's Phone ( 505 ) 748-3111						
5. Transporter 1 Company Name D. Brochero		6. US EPA ID Number	A. Transporter's Phone			
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter's Phone			
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>		10. US EPA ID Number	C. Facility's Phone			
11. Waste Shipping Name and Description			12. Containers		13. Total Quantity	
			No.	Type	14. Unit Wt/Vol	
			a. 548		16 yds	
			b.			
			c.			
d.						
D. Additional Descriptions for Materials listed Above			E. Handling Codes For Wastes Listed Above			
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Printed/Typed Name Carmie Hernandez			Signature <i>Carmie Hernandez</i>		Month Day Year 6 6 98	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature <i>[Signature]</i>		Month Day Year 6 6 98	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year . . .	
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Month Day Year . . .	

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NE20046915017</b>	Manifest Doc. No.	2. Page 1 of 3							
3. Generator's Name and Mailing Address <b>Bayco Refining Co., LLC</b> <b>PO Box 150</b> <b>Artesia, NM 88211-0150</b>			<div style="display: flex; justify-content: space-between;"> <span><b>NE</b></span> <span><b>8778</b></span> </div>								
4. Generator's Phone ( <b>505</b> ) <b>748-3311</b>											
5. Transporter 1 Company Name <b>S Brothers</b>		6. US EPA ID Number .....		A. Transporter's Phone							
7. Transporter 2 Company Name		8. US EPA ID Number .....		B. Transporter's Phone							
9. Designated Facility Name and Site Address  <b>ARTESIA AERATION, L.L.C.</b> <b>MALJAMAR, NM</b>		10. US EPA ID Number .....		C. Facility's Phone							
11. Waste Shipping Name and Description				12. Containers		13. Total		14. Unit			
				No. Type		Quantity		Wt/Vol			
				a. <b>DAF</b>				<b>10 yds</b>			
				b.							
				c.							
d.											
D. Additional Descriptions for Materials listed Above						E. Handling Codes For Wastes Listed Above					
15. Special Handling Instructions and Additional Information											
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.											
Printed/Typed Name <b>Carrie Hernandez</b>					Signature <i>Carrie Hernandez</i>			Month Day Year <b>12 10 11</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name <i>[Signature]</i>					Signature <i>[Signature]</i>			Month Day Year <b>12 10 11</b>			
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name					Signature			Month Day Year			
19. Discrepancy Indication Space											
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.											
Printed/Typed Name					Signature			Month Day Year			

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. NM0000010017	Manifest Doc. No.	2. Page 1 of 1	
3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159			8779		
4. Generator's Phone ( 575 ) 748-3311					
5. Transporter 1 Company Name S Brothers		6. US EPA ID Number		A. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter's Phone	
9. Designated Facility Name and Site Address ARTESIA AERATION, L.L.C. MALJAMAR, NM		10. US EPA ID Number		C. Facility's Phone	
11. Waste Shipping Name and Description				12. Containers No. Type	13. Total Quantity
a. DAF					10 yds
b. CELL 4					
c.					
d.					
D. Additional Descriptions for Materials listed Above				E. Handling Codes For Wastes Listed Above	
15. Special Handling Instructions and Additional Information					
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Printed/Typed Name Carrie Hernandez		Signature Carrie Hernandez		Month Day Year 12 9 16	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name DANIELA...		Signature		Month Day Year 12 9 16	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.					
Printed/Typed Name		Signature		Month Day Year	

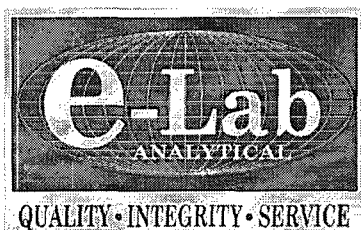
GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM00048910817	Manifest Doc. No.	2. Page 1 of 1		
3. Generator's Name and Mailing Address WASTE REMEDIATION CO. LLC PO Box 159 Artesia, NM 88211-0159			NO 8777			
4. Generator's Phone ( 575 ) 760-3311						
5. Transporter 1 Company Name S Brothers		6. US EPA ID Number		A. Transporter's Phone		
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter's Phone		
9. Designated Facility Name and Site Address ARTESIA AERATION, L.L.C. MALJAMAR, NM		10. US EPA ID Number		C. Facility's Phone		
11. Waste Shipping Name and Description				12. Containers		
				No. Type		
a. DREF				13. Total Quantity		
				14. Unit Wt/Vol		
b.						
c.						
d.						
D. Additional Descriptions for Materials listed Above				E. Handling Codes For Wastes Listed Above		
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Printed/Typed Name Carrie Hernandez		Signature Carrie Hernandez		Month Day Year		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		





**e-Lab Analytical, Inc.**

10450 Standliff Rd, Suite 210 Houston, Texas 77099-4338 (281) 530-5656 Fax (281) 530-5887

August 24, 2007

Jeff Byrd  
Navajo Refining Company  
PO Box 159  
Artesia, NM 88211

Tel: (505) 746-5468  
Fax: (505) 746-5421

Re: DAF Disposal

Work Order : **0708424**

Dear Jeff Byrd,

e-Lab Analytical, Inc. received 1 sample on 8/14/2007 09:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by e-Lab Analytical, Inc. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

*Jeffrey L Croston*

Electronically approved by: Rebecca L. Hunt

Jeffrey L Croston  
Project Manager



Certificate No: T104704231-06-TX

**e-Lab Analytical, Inc.**

**Date:** August 24, 2007

**CLIENT:** Navajo Refining Company  
**Project:** DAF Disposal  
**Work Order:** 0708424

**Work Order Sample Summary**

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0708424-01	DAF	Solid		8/13/2007 15:00	8/14/2007 09:00	<input type="checkbox"/>

**e-Lab Analytical, Inc.**

Date: August 24, 2007

**CLIENT:** Navajo Refining Company  
**Work Order:** 0708424  
**Project:** DAF Disposal  
**Lab ID:** 0708424-01

**Client Sample ID:** DAF  
**Collection Date:** 8/13/2007 3:00:00 PM  
**Matrix:** SOLID

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>ANIONS BY ION CHROMATOGRAPHY - SOIL</b>			<b>E300</b>		Prep Date: 8/23/2007	Analyst: LMD
Chloride	280		4.74	mg/Kg	1	8/23/2007 8:20:00 PM
Surr: Selenate (surr)	96.3		85-115	%REC	1	8/23/2007 8:20:00 PM
<b>PAINT FILTER TEST</b>			<b>SW9095A</b>			Analyst: LMD
Free Liquid	No Free Liquid			Pos/Neg	1	8/20/2007

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
P - Dual Column results percent difference > 40%  
E - Value above quantitation range  
H - Analyzed outside of Hold Time

## e-Lab Analytical, Inc.

Date: Aug 24 2007

CLIENT: Navajo Refining Company

Work Order: 0708424

Project: DAF Disposal

## QC BATCH REPORT

Batch ID: 25205 Instrument ID ICS3000 Method: E300

MBLK Sample ID: WBLKS1-082307 Units: mg/Kg Analysis Date: 08/23/07 19:26

Client ID: Run ID: ICS3000\_070823A SeqNo: 1195750 Prep Date: 8/23/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	5.0	0	0	0	0-0	0			
Surr: Selenate (surr)	48.66	1.0	50	0	97.3	85-115	0			

LCS Sample ID: WLCSS1-082307 Units: mg/Kg Analysis Date: 08/23/07 19:48

Client ID: Run ID: ICS3000\_070823A SeqNo: 1195751 Prep Date: 8/23/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	202.4	5.0	200	0	101	90-110	0			
Surr: Selenate (surr)	50.53	1.0	50	0	101	85-115	0			

MS Sample ID: 0708365-01AMS Units: mg/Kg Analysis Date: 08/24/07 13:40

Client ID: Run ID: ICS3000\_070823A SeqNo: 1196296 Prep Date: 8/23/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	104.8	4.8	97.07	8.62	99	75-125	0			
Surr: Selenate (surr)	47.03	0.97	48.54	0	96.9	80-120	0			

MSD Sample ID: 0708365-01AMSD Units: mg/Kg Analysis Date: 08/24/07 14:05

Client ID: Run ID: ICS3000\_070823A SeqNo: 1196297 Prep Date: 8/23/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	104.7	4.8	97.07	8.62	99	75-125	104.8	0.0742	20	
Surr: Selenate (surr)	47.02	0.97	48.54	0	96.9	80-120	47.03	0.0206	20	

DUP Sample ID: 0708365-01ADUP Units: mg/Kg Analysis Date: 08/23/07 23:10

Client ID: Run ID: ICS3000\_070823A SeqNo: 1196293 Prep Date: 8/23/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	8.64	4.8	0	0	0	0-0	8.62	0.225	20	
Surr: Selenate (surr)	47.23	0.97	48.54	0	97.3	85-115	47.13	0.206	20	

The following samples were analyzed in this batch:

0708424-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is &gt; 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference &gt; 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

**CLIENT:** Navajo Refining Company  
**Work Order:** 0708424  
**Project:** DAF Disposal

## QC BATCH REPORT

Batch ID: **R53543** Instrument ID **WetChem** Method: **SW9095A (Dissolve)**

**DUP** Sample ID: **0708424-01ADUP** Units: **Pos/Neg** Analysis Date: **08/20/07 0:00**

Client ID: **DAF** Run ID: **WETCHEM\_070820I** SeqNo: **1192730** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Free Liquid	ND	0	0	0	0		0	0	100	

The following samples were analyzed in this batch:

0708424-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

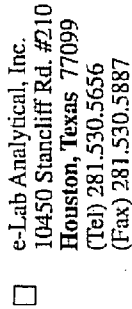
R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range



☐ e-Lab Analytical, Inc.  
3352 128th Avenue  
**Holland, Michigan 49424**  
(Tel) 616.399.6070  
(Fax) 616.399.6185

**The Chain of Custody is a Legal Document. All information must be completed accurately.**

Customer Information				Project Information				Parameter/Method Request for Analysis				
Purchase Order	Project Name	Project Name	Project Name	Project Name	Project Name	Project Name	Project Name	Project Name	Project Name	Project Name	Project Name	Project Name
Work Order	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal	DAF Disposal
Company Name	Navaja	Navaja	Navaja	Navaja	Navaja	Navaja	Navaja	Navaja	Navaja	Navaja	Navaja	Navaja
Send Report To	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd
Address												
City/State/Zip												
Phone												
Fax												
E-Mail Address												
Sample Description	DAF	DAF	DAF	DAF	DAF	DAF	DAF	DAF	DAF	DAF	DAF	DAF
Date	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07	8/13/07
Time	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300
Matrix	S	S	S	S	S	S	S	S	S	S	S	S
Pres.	9	9	9	9	9	9	9	9	9	9	9	9
# Bottles	1	1	1	1	1	1	1	1	1	1	1	1
A	X	X	X	X	X	X	X	X	X	X	X	X
B												
C												
D												
E												
F												
G												
H												
I												
J												
Shipment Method	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex	Fed Ex
Required Turnaround Time: (Check Box)	<input checked="" type="checkbox"/> STD-10 Wk Days	<input type="checkbox"/> 2 Wk Days	<input type="checkbox"/> 3 Wk Days	<input type="checkbox"/> 4 Wk Days	<input type="checkbox"/> 5 Wk Days	<input type="checkbox"/> 6 Wk Days	<input type="checkbox"/> 7 Wk Days	<input type="checkbox"/> 8 Wk Days	<input type="checkbox"/> 9 Wk Days	<input type="checkbox"/> 10 Wk Days	<input type="checkbox"/> 11 Wk Days	<input type="checkbox"/> 12 Wk Days
Results Due Date:	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07	8/16/07
Relinquished by:	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd
Relinquished by:	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd	J. Byrd
Logged by (Laboratory):												
Preservative Key:	1-HCl	2-HNO3	3-H2SO4	4-NaOH	5-Na2S2O3	6-NaHSO3	7-Other	8-4 C	9-5035			

**Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.**

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

Copyright 2006 by e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name: NAVAJO REFINING

Date/Time Received: 8/14/2007 9:00:00 AM

Work Order Number 0708282

Received by: RSZ

Checklist completed by [Signature]  
Signature

8/14/07  
Date

Reviewed by [Signature] 8/14/07  
Initials Date

Matrix: S

Carrier name: FedEx

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Container/Temp Blank temperature in compliance? Yes ☒ No ☐

Temperature(s)/Thermometer(s): 4.2c 1002

Water - VOA vials have zero headspace? Yes ☐ No ☐ No VOA vials submitted ☒

Water - pH acceptable upon receipt? Yes ☐ No ☐ N/A ☒

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Login Notes:

Client contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted: \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

0108582



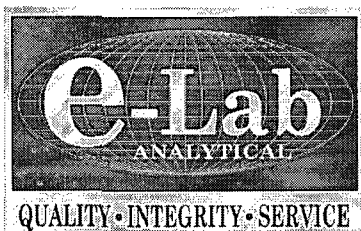
**e-Lab Analytical, Inc.**  
10450 Stancilff Rd., Suite 210  
Houston, Texas 77099  
Tel. 281.530.5656  
Fax. 218.530.6887

**CUSTODY SEAL**

Date: 8/13/07 Time: 1610  
Name: JEFF Byrd  
Company: Alaska

Seal Broken By: [Signature]  
Date: 8-14-07





**e-Lab Analytical, Inc.**

10450 Standliff Rd, Suite 210 Houston, Texas 77099-4338 (281) 530-5656 Fax (281) 530-5887

August 16, 2007

Jeff Byrd  
Navajo Refining Company  
PO Box 159  
Artesia, NM 88211

Tel: (505) 746-5468  
Fax: (505) 746-5421

Re: DAF Disposal

Work Order : **0708282**

Dear Jeff Byrd,

e-Lab Analytical, Inc. received 1 sample on 8/14/2007 09:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by e-Lab Analytical, Inc. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 26.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

*Jeffrey L Croston*

Electronically approved by: Rebecca L. Hunt

Jeffrey L Croston  
Project Manager



Certificate No: T104704231-06-TX

**e-Lab Analytical, Inc.**

**Date:** August 16, 2007

**CLIENT:** Navajo Refining Company  
**Project:** DAF Disposal  
**Work Order:** 0708282

**Work Order Sample Summary**

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0708282-01	DAF	Soil		8/13/2007 15:00	8/14/2007 09:00	<input type="checkbox"/>

## e-Lab Analytical, Inc.

Date: August 16, 2007

CLIENT: Navajo Refining Company

Client Sample ID: DAF

Work Order: 0708282

Collection Date: 8/13/2007 3:00:00 PM

Project: DAF Disposal

Lab ID: 0708282-01

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>TCLP MERCURY</b>			<b>SW7470</b>		Prep Date: <b>8/15/2007</b>	Analyst: <b>JCJ</b>
Mercury	ND		0.000200	mg/L	1	8/15/2007 1:47:46 PM
<b>TCLP METALS, ICP</b>			<b>SW1311/6020</b>		Prep Date: <b>8/15/2007</b>	Analyst: <b>ALR</b>
Arsenic	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
<b>Barium</b>	<b>0.183</b>		<b>0.0500</b>	<b>mg/L</b>	10	8/15/2007 5:47:00 PM
Cadmium	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Chromium	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Lead	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Selenium	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Silver	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
<b>TCLP SEMIVOLATILES</b>			<b>SW1311/8270</b>		Prep Date: <b>8/15/2007</b>	Analyst: <b>ACN</b>
2,4,5-Trichlorophenol	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
2,4,6-Trichlorophenol	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
2,4-Dinitrotoluene	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
<b>Cresols, Total</b>	<b>61</b>		<b>30</b>	<b>µg/L</b>	1	8/16/2007 3:16:00 PM
Hexachlorobenzene	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
Hexachlorobutadiene	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
Hexachloroethane	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
Nitrobenzene	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
Pentachlorophenol	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
Pyridine	ND		5.0	µg/L	1	8/16/2007 3:16:00 PM
Surr: 2,4,6-Tribromophenol	64.0		42-124	%REC	1	8/16/2007 3:16:00 PM
Surr: 2-Fluorobiphenyl	67.0		48-120	%REC	1	8/16/2007 3:16:00 PM
Surr: 2-Fluorophenol	58.7		20-120	%REC	1	8/16/2007 3:16:00 PM
Surr: 4-Terphenyl-d14	65.6		51-135	%REC	1	8/16/2007 3:16:00 PM
Surr: Nitrobenzene-d5	68.7		41-120	%REC	1	8/16/2007 3:16:00 PM
Surr: Phenol-d6	63.0		20-120	%REC	1	8/16/2007 3:16:00 PM
<b>TCLP VOLATILES</b>			<b>SW1311/8260B</b>		Prep Date: <b>8/14/2007</b>	Analyst: <b>PC</b>
1,1-Dichloroethene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
1,2-Dichloroethane	ND		100	µg/L	20	8/15/2007 1:40:00 PM
1,4-Dichlorobenzene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
2-Butanone	ND		200	µg/L	20	8/15/2007 1:40:00 PM
Benzene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Carbon tetrachloride	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Chlorobenzene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Chloroform	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Tetrachloroethene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Trichloroethene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Vinyl chloride	ND		100	µg/L	20	8/15/2007 1:40:00 PM

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 P - Dual Column results percent difference > 40%  
 E - Value above quantitation range  
 H - Analyzed outside of Hold Time

**e-Lab Analytical, Inc.**

Date: August 16, 2007

**CLIENT:** Navajo Refining Company  
**Work Order:** 0708282  
**Project:** DAF Disposal  
**Lab ID:** 0708282-01

**Client Sample ID:** DAF  
**Collection Date:** 8/13/2007 3:00:00 PM

**Matrix:** SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	102		70-125	%REC	20	8/15/2007 1:40:00 PM
Surr: 4-Bromofluorobenzene	105		72-125	%REC	20	8/15/2007 1:40:00 PM
Surr: Dibromofluoromethane	103		71-125	%REC	20	8/15/2007 1:40:00 PM
Surr: Toluene-d8	106		75-125	%REC	20	8/15/2007 1:40:00 PM
<b>CYANIDE, REACTIVE</b>			<b>SW-846</b>			Analyst: <b>MAG</b>
Reactive Cyanide	ND		40.0	mg/Kg	1	8/13/2007
<b>SULFIDE, REACTIVE</b>			<b>SW-846</b>			Analyst: <b>MAG</b>
Reactive Sulfide	ND		40.0	mg/Kg	1	8/13/2007
<b>IGNITABILITY FOR SOLIDS</b>			<b>SW846, CHPT. 7.1.2</b>			Analyst: <b>RPM</b>
Burns vigorously and persistently	No				1	8/15/2007
Ignites spontaneously	No				1	8/15/2007
Ignites through friction	No				1	8/15/2007
Ignites under std. temp and pressure	No				1	8/15/2007
Ignites with moisture	No				1	8/15/2007
<b>PH IN SOLID</b>			<b>SW9045B</b>			Analyst: <b>TH</b>
pH	7.19		0.100	pH Units	1	8/15/2007

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
P - Dual Column results percent difference > 40%  
E - Value above quantitation range  
H - Analyzed outside of Hold Time

## e-Lab Analytical, Inc.

Date: Aug 16 2007

CLIENT: Navajo Refining Company

## QC BATCH REPORT

Work Order: 0708282

Project: DAF Disposal

Batch ID: 25068 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKT1-081507 Units: mg/L Analysis Date: 08/15/07 13:14

Client ID: Run ID: MERCURY\_070815A SeqNo: 1189823 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

MBLK Sample ID: GBLKW1-081507 Units: mg/L Analysis Date: 08/15/07 12:55

Client ID: Run ID: MERCURY\_070815A SeqNo: 1189834 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

LCS Sample ID: GLCSW1-081507 Units: mg/L Analysis Date: 08/15/07 12:57

Client ID: Run ID: MERCURY\_070815A SeqNo: 1189835 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00516	0.00020	0.005	0	103	80-120	0			

LCSD Sample ID: GLCSDW1-081507 Units: mg/L Analysis Date: 08/15/07 12:59

Client ID: Run ID: MERCURY\_070815A SeqNo: 1189836 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00492	0.00020	0.005	0	98.4	80-120	0.00516	4.76	25	

MS Sample ID: 0708254-01BMS Units: mg/L Analysis Date: 08/15/07 13:06

Client ID: Run ID: MERCURY\_070815A SeqNo: 1189816 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00493	0.00020	0.005	-0.000016	98.9	75-125	0			

MSD Sample ID: 0708254-01BMSD Units: mg/L Analysis Date: 08/15/07 13:08

Client ID: Run ID: MERCURY\_070815A SeqNo: 1189819 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00482	0.00020	0.005	-0.000016	96.7	75-125	0.00493	2.26	20	

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in assoc. Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

U - Analyzed for but not detected

O - Referenced analyte value is &gt; 4 times amount spiked

P - Dual Column results percent difference &gt; 40%

E - Value above quantitation range

CLIENT: Navajo Refining Company  
Work Order: 0708282  
Project: DAF Disposal

## QC BATCH REPORT

Batch ID: 25068 Instrument ID Mercury Method: SW7470

DUP Sample ID: 0708254-01BDUP Units: mg/L Analysis Date: 08/15/07 13:03

Client ID: Run ID: MERCURY\_070815A SeqNo: 1189815 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	-0.000016	0	20	

The following samples were analyzed in this batch: 0708282-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

**CLIENT:** Navajo Refining Company  
**Work Order:** 0708282  
**Project:** DAF Disposal

## QC BATCH REPORT

Batch ID: **25074**      Instrument ID **ICPMS02**      Method: **SW1311/6020**

**MBLK**      Sample ID: **MBLKT1-081407**      Units: **mg/L**      Analysis Date: **08/15/07 17:15**

Client ID:      Run ID: **ICPMS02\_070815A**      SeqNo: **1190263**      Prep Date: **8/15/2007**      DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050								
Barium	ND	0.050								
Cadmium	ND	0.050								
Chromium	ND	0.050								
Lead	ND	0.050								
Selenium	ND	0.050								
Silver	ND	0.050								

**MBLK**      Sample ID: **MBLKW3-081507**      Units: **mg/L**      Analysis Date: **08/15/07 17:21**

Client ID:      Run ID: **ICPMS02\_070815A**      SeqNo: **1190264**      Prep Date: **8/15/2007**      DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050								
Barium	ND	0.050								
Cadmium	ND	0.050								
Chromium	ND	0.050								
Lead	ND	0.050								
Selenium	ND	0.050								
Silver	ND	0.050								

**LCS**      Sample ID: **MLCSW3-081507**      Units: **mg/L**      Analysis Date: **08/15/07 17:28**

Client ID:      Run ID: **ICPMS02\_070815A**      SeqNo: **1190265**      Prep Date: **8/15/2007**      DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1807	0.050	0.2	0	90.4	80-120	0			
Barium	0.1939	0.050	0.2	0	97	80-120	0			
Cadmium	0.1976	0.050	0.2	0	98.8	80-120	0			
Chromium	0.1906	0.050	0.2	0	95.3	80-120	0			
Lead	0.2057	0.050	0.2	0	103	80-120	0			
Selenium	0.2032	0.050	0.2	0	102	80-120	0			
Silver	0.1866	0.050	0.2	0	93.3	80-120	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

**CLIENT:** Navajo Refining Company  
**Work Order:** 0708282  
**Project:** DAF Disposal

## QC BATCH REPORT

Batch ID: **25074**      Instrument ID **ICPMS02**      Method: **SW1311/6020**

<b>MS</b>		Sample ID: <b>0708293-01AMS</b>				Units: <b>mg/L</b>		Analysis Date: <b>08/15/07 18:43</b>		
Client ID:		Run ID: <b>ICPMS02_070815A</b>				SeqNo: <b>1190276</b>		Prep Date: <b>8/15/2007</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.193	0.050	0.2	0.0004601	96.3	75-125	0			
Barium	0.9508	0.050	0.2	0.7502	100	75-125	0			
Cadmium	0.197	0.050	0.2	0.001594	97.7	75-125	0			
Chromium	0.2012	0.050	0.2	0.01973	90.7	75-125	0			
Lead	0.2013	0.050	0.2	0.005644	97.8	75-125	0			
Selenium	0.2181	0.050	0.2	0.009863	104	75-125	0			
Silver	0.1717	0.050	0.2	-0.002527	87.1	75-125	0			

<b>MSD</b>		Sample ID: <b>0708293-01AMSD</b>				Units: <b>mg/L</b>		Analysis Date: <b>08/15/07 18:49</b>		
Client ID:		Run ID: <b>ICPMS02_070815A</b>				SeqNo: <b>1190277</b>		Prep Date: <b>8/15/2007</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1918	0.050	0.2	0.0004601	95.7	75-125	0.193	0.624	25	
Barium	0.9347	0.050	0.2	0.7502	92.2	75-125	0.9508	1.71	25	
Cadmium	0.1959	0.050	0.2	0.001594	97.2	75-125	0.197	0.56	25	
Chromium	0.1957	0.050	0.2	0.01973	88	75-125	0.2012	2.77	25	
Lead	0.2006	0.050	0.2	0.005644	97.5	75-125	0.2013	0.348	25	
Selenium	0.2191	0.050	0.2	0.009863	105	75-125	0.2181	0.457	25	
Silver	0.1644	0.050	0.2	-0.002527	83.5	75-125	0.1717	4.34	25	

<b>DUP</b>		Sample ID: <b>0708293-01ADUP</b>				Units: <b>mg/L</b>		Analysis Date: <b>08/15/07 18:31</b>		
Client ID:		Run ID: <b>ICPMS02_070815A</b>				SeqNo: <b>1190274</b>		Prep Date: <b>8/15/2007</b>		DF: <b>10</b>
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.050	0	0	0	0-0	0.0004601	0	25	
Barium	0.7598	0.050	0	0	0	0-0	0.7502	1.27	25	
Cadmium	ND	0.050	0	0	0	0-0	0.001594	0	25	
Chromium	0.01939	0.050	0	0	0	0-0	0.01973	0	25	J
Lead	0.004559	0.050	0	0	0	0-0	0.005644	0	25	J
Selenium	ND	0.050	0	0	0	0-0	0.009863	0	25	
Silver	ND	0.050	0	0	0	0-0	-0.002527	0	25	

The following samples were analyzed in this batch: 0708282-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range



**CLIENT:** Navajo Refining Company  
**Work Order:** 0708282  
**Project:** DAF Disposal

## QC BATCH REPORT

Batch ID: **25077**      Instrument ID **SV-3**      Method: **SW8270**

**MBLK**      Sample ID: **SBLKT1-070815**      Units: **µg/L**      Analysis Date: **08/16/07 13:54**

Client ID:      Run ID: **SV-3\_070816A**      SeqNo: **1190903**      Prep Date: **8/15/2007**      DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	ND	5.0								
2,4,6-Trichlorophenol	ND	5.0								
2,4-Dinitrotoluene	ND	5.0								
Cresols, Total	ND	5.0								
Hexachlorobenzene	ND	5.0								
Hexachlorobutadiene	ND	5.0								
Hexachloroethane	ND	5.0								
Nitrobenzene	ND	5.0								
Pentachlorophenol	ND	5.0								
Pyridine	ND	5.0								
Surr: 2,4,6-Tribromophenol	70.22	0	100	0	70.2	42-124	0			
Surr: 2-Fluorobiphenyl	75.53	0	100	0	75.5	48-120	0			
Surr: 2-Fluorophenol	68.54	0	100	0	68.5	20-120	0			
Surr: 4-Terphenyl-d14	79.46	0	100	0	79.5	51-135	0			
Surr: Nitrobenzene-d5	80.11	0	100	0	80.1	41-120	0			
Surr: Phenol-d6	73.01	0	100	0	73	20-120	0			

**LCS**      Sample ID: **SLCST1-070815**      Units: **µg/L**      Analysis Date: **08/16/07 14:22**

Client ID:      Run ID: **SV-3\_070816A**      SeqNo: **1190904**      Prep Date: **8/15/2007**      DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	87.64	5.0	100	0	87.6	52-115	0			
2,4,6-Trichlorophenol	81.31	5.0	100	0	81.3	56-115	0			
2,4-Dinitrotoluene	41.25	5.0	50	0	82.5	56-115	0			
Cresols, Total	202.3	5.0	200	0	101	48-115	0			
Hexachlorobenzene	44.78	5.0	50	0	89.6	54-115	0			
Hexachlorobutadiene	45.31	5.0	50	0	90.6	51-115	0			
Hexachloroethane	42.5	5.0	50	0	85	54-115	0			
Nitrobenzene	44.78	5.0	50	0	89.6	40-124	0			
Pentachlorophenol	83.93	5.0	100	0	83.9	45-125	0			
Pyridine	31.65	5.0	50	0	63.3	34-115	0			
Surr: 2,4,6-Tribromophenol	80.57	0	100	0	80.6	42-124	0			
Surr: 2-Fluorobiphenyl	78.86	0	100	0	78.9	48-120	0			
Surr: 2-Fluorophenol	73.94	0	100	0	73.9	20-120	0			
Surr: 4-Terphenyl-d14	80.66	0	100	0	80.7	51-135	0			
Surr: Nitrobenzene-d5	84.11	0	100	0	84.1	41-120	0			
Surr: Phenol-d6	76.29	0	100	0	76.3	20-120	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company  
 Work Order: 0708282  
 Project: DAF Disposal

## QC BATCH REPORT

Batch ID: 25077 Instrument ID SV-3 Method: SW8270

LCSD Sample ID: SLCSDT1-070815 Units: µg/L Analysis Date: 08/16/07 14:49

Client ID: Run ID: SV-3\_070816A SeqNo: 1190905 Prep Date: 8/15/2007 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	83.3	5.0	100	0	83.3	52-115	87.64	5.08	30	.
2,4,6-Trichlorophenol	81.91	5.0	100	0	81.9	56-115	81.31	0.731	30	
2,4-Dinitrotoluene	38.28	5.0	50	0	76.6	56-115	41.25	7.48	30	
Cresols, Total	193.9	5.0	200	0	97	48-115	202.3	4.22	30	
Hexachlorobenzene	44.33	5.0	50	0	88.7	54-115	44.78	1.02	30	
Hexachlorobutadiene	41.47	5.0	50	0	82.9	51-115	45.31	8.84	30	
Hexachloroethane	41.33	5.0	50	0	82.7	54-115	42.5	2.77	30	
Nitrobenzene	43.72	5.0	50	0	87.4	40-124	44.78	2.39	30	
Pentachlorophenol	83.14	5.0	100	0	83.1	45-125	83.93	0.951	30	
Pyridine	30.15	5.0	50	0	60.3	34-115	31.65	4.83	30	
Surr: 2,4,6-Tribromophenol	79.29	0	100	0	79.3	42-124	80.57	1.61	30	
Surr: 2-Fluorobiphenyl	78.23	0	100	0	78.2	48-120	78.86	0.806	30	
Surr: 2-Fluorophenol	72.85	0	100	0	72.8	20-120	73.94	1.49	30	
Surr: 4-Terphenyl-d14	80.29	0	100	0	80.3	51-135	80.66	0.465	30	
Surr: Nitrobenzene-d5	82.54	0	100	0	82.5	41-120	84.11	1.89	30	
Surr: Phenol-d6	74.73	0	100	0	74.7	20-120	76.29	2.07	30	

The following samples were analyzed in this batch:

0708282-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

**CLIENT:** Navajo Refining Company  
**Work Order:** 0708282  
**Project:** DAF Disposal

## QC BATCH REPORT

Batch ID: **R53443**      Instrument ID **VOA1**      Method: **SW1311/8260**

**MBLK**      Sample ID: **VBLKW-081507**      Units: **µg/L**      Analysis Date: **08/15/07 11:31**

Client ID:      Run ID: **VOA1\_070815B**      SeqNo: **1190701**      Prep Date:      DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,4-Dichlorobenzene	ND	5.0								
2-Butanone	ND	10								
Benzene	ND	5.0								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroform	ND	5.0								
Tetrachloroethene	ND	5.0								
Trichloroethene	ND	5.0								
Vinyl chloride	ND	5.0								
Surr: 1,2-Dichloroethane-d4	49.44	5.0	50	0	98.9	70-125	0			
Surr: 4-Bromofluorobenzene	51.61	5.0	50	0	103	72.4-125	0			
Surr: Dibromofluoromethane	51.92	5.0	50	0	104	71.2-125	0			
Surr: Toluene-d8	50.51	5.0	50	0	101	75-125	0			

**MBLK**      Sample ID: **VBLKTK1-081007**      Units: **µg/L**      Analysis Date: **08/15/07 11:57**

Client ID:      Run ID: **VOA1\_070815B**      SeqNo: **1190702**      Prep Date: **8/10/2007**      DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	100								
1,2-Dichloroethane	ND	100								
1,4-Dichlorobenzene	ND	100								
2-Butanone	ND	200								
Benzene	ND	100								
Carbon tetrachloride	ND	100								
Chlorobenzene	ND	100								
Chloroform	ND	100								
Tetrachloroethene	ND	100								
Trichloroethene	ND	100								
Vinyl chloride	ND	100								
Surr: 1,2-Dichloroethane-d4	970.1	100	1000	0	97	70-125	0			
Surr: 4-Bromofluorobenzene	1055	100	1000	0	106	72.4-125	0			
Surr: Dibromofluoromethane	993.4	100	1000	0	99.3	71.2-125	0			
Surr: Toluene-d8	1032	100	1000	0	103	75-125	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company  
 Work Order: 0708282  
 Project: DAF Disposal

## QC BATCH REPORT

Batch ID: **R53443** Instrument ID **VOA1** Method: **SW1311/8260**

**MBLK** Sample ID: **VLKTK2-081407** Units: **µg/L** Analysis Date: **08/15/07 12:23**

Client ID: Run ID: **VOA1\_070815B** SeqNo: **1190703** Prep Date: **8/14/2007** DF: **20**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	ND	100								
1,2-Dichloroethane	ND	100								
1,4-Dichlorobenzene	ND	100								
2-Butanone	ND	200								
Benzene	ND	100								
Carbon tetrachloride	ND	100								
Chlorobenzene	ND	100								
Chloroform	ND	100								
Tetrachloroethene	ND	100								
Trichloroethene	ND	100								
Vinyl chloride	ND	100								
Surr: 1,2-Dichloroethane-d4	1015	100	1000	0	102	70-125	0			
Surr: 4-Bromofluorobenzene	1020	100	1000	0	102	72.4-125	0			
Surr: Dibromofluoromethane	1023	100	1000	0	102	71.2-125	0			
Surr: Toluene-d8	1037	100	1000	0	104	75-125	0			

**LCS** Sample ID: **VLCSW-081507** Units: **µg/L** Analysis Date: **08/15/07 10:40**

Client ID: Run ID: **VOA1\_070815B** SeqNo: **1190700** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	49.96	5.0	50	0	99.9	73-124	0			
1,2-Dichloroethane	52.01	5.0	50	0	104	76-120	0			
1,4-Dichlorobenzene	48.57	5.0	50	0	97.1	70-130	0			
2-Butanone	102.8	10	100	0	103	70-130	0			
Benzene	49.68	5.0	50	0	99.4	70-128	0			
Carbon tetrachloride	54.52	5.0	50	0	109	70-130	0			
Chlorobenzene	48.42	5.0	50	0	96.8	72-127	0			
Chloroform	50.28	5.0	50	0	101	70-130	0			
Tetrachloroethene	50.24	5.0	50	0	100	70-130	0			
Trichloroethene	48.39	5.0	50	0	96.8	72-129	0			
Vinyl chloride	45.21	5.0	50	0	90.4	70-130	0			
Surr: 1,2-Dichloroethane-d4	51.8	5.0	50	0	104	70-125	0			
Surr: 4-Bromofluorobenzene	52.18	5.0	50	0	104	72-125	0			
Surr: Dibromofluoromethane	52.53	5.0	50	0	105	71-125	0			
Surr: Toluene-d8	53.15	5.0	50	0	106	75-125	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company  
 Work Order: 0708282  
 Project: DAF Disposal

## QC BATCH REPORT

Batch ID: R53443 Instrument ID VOA1 Method: SW1311/8260

MS		Sample ID: 0708206-01AMS		Units: µg/L		Analysis Date: 08/15/07 14:05				
Client ID:		Run ID: VOA1_070815B		SeqNo: 1190707		Prep Date: 8/14/2007		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	856	100	1000	0	85.6	73-124	0			
1,2-Dichloroethane	1078	100	1000	0	108	76-120	0			
1,4-Dichlorobenzene	930.3	100	1000	0	93	70-130	0			
2-Butanone	2232	200	2000	0	112	70-130	0			
Benzene	965.4	100	1000	0	96.5	70-128	0			
Carbon tetrachloride	951.3	100	1000	0	95.1	70-130	0			
Chlorobenzene	910.5	100	1000	0	91	72-127	0			
Chloroform	955.1	100	1000	0	95.5	70-130	0			
Tetrachloroethene	875.4	100	1000	0	87.5	70-130	0			
Trichloroethene	905	100	1000	0	90.5	72-129	0			
Vinyl chloride	744.7	100	1000	0	74.5	70-130	0			
Surr: 1,2-Dichloroethane-d4	1049	100	1000	0	105	70-125	0			
Surr: 4-Bromofluorobenzene	1027	100	1000	0	103	72-125	0			
Surr: Dibromofluoromethane	1049	100	1000	0	105	71-125	0			
Surr: Toluene-d8	1012	100	1000	0	101	75-125	0			

MSD		Sample ID: 0708206-01AMS		Units: µg/L		Analysis Date: 08/15/07 14:31				
Client ID:		Run ID: VOA1_070815B		SeqNo: 1190709		Prep Date: 8/14/2007		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethene	872.4	100	1000	0	87.2	73-124	856	1.9	20	
1,2-Dichloroethane	1060	100	1000	0	106	76-120	1078	1.66	20	
1,4-Dichlorobenzene	933.3	100	1000	0	93.3	70-130	930.3	0.327	20	
2-Butanone	2197	200	2000	0	110	70-130	2232	1.57	20	
Benzene	960.9	100	1000	0	96.1	70-128	965.4	0.465	20	
Carbon tetrachloride	921.8	100	1000	0	92.2	70-130	951.3	3.15	20	
Chlorobenzene	952.6	100	1000	0	95.3	72-127	910.5	4.52	20	
Chloroform	970.2	100	1000	0	97	70-130	955.1	1.56	20	
Tetrachloroethene	880.1	100	1000	0	88	70-130	875.4	0.541	20	
Trichloroethene	906	100	1000	0	90.6	72-129	905	0.112	20	
Vinyl chloride	804.4	100	1000	0	80.4	70-130	744.7	7.71	20	
Surr: 1,2-Dichloroethane-d4	1060	100	1000	0	106	70-125	1049	1.1	20	
Surr: 4-Bromofluorobenzene	1022	100	1000	0	102	72-125	1027	0.482	20	
Surr: Dibromofluoromethane	1049	100	1000	0	105	71-125	1049	0.038	20	
Surr: Toluene-d8	1053	100	1000	0	105	75-125	1012	3.99	20	

The following samples were analyzed in this batch:

0708282-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company  
Work Order: 0708282  
Project: DAF Disposal

## QC BATCH REPORT

Batch ID: **R53385** Instrument ID **WetChem** Method: **SW846, Chpt.**

**DUP** Sample ID: **0708311-02D DUP** Units: Analysis Date: **08/15/07 0:00**

Client ID: Run ID: **WETCHEM\_070815E** SeqNo: **1189790** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Burns vigorously and persistently	ND	0	0	0	0	0-0	0	0	0	
Ignites spontaneously	ND	0	0	0	0	0-0	0	0	0	
Ignites through friction	ND	0	0	0	0	0-0	0	0	0	
Ignites under std. temp and pressur	ND	0	0	0	0	0-0	0	0	0	
Ignites with moisture	ND	0	0	0	0	0-0	0	0	0	

The following samples were analyzed in this batch:

0708282-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

**CLIENT:** Navajo Refining Company  
**Work Order:** 0708282  
**Project:** DAF Disposal

## QC BATCH REPORT

Batch ID: **R53395** Instrument ID **WetChem** Method: **SW9045B**

**LCS** Sample ID: **WLCSS-081507** Units: **pH Units** Analysis Date: **08/15/07 0:00**

Client ID: Run ID: **WETCHEM\_070815H** SeqNo: **1189915** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.03	0.10	6	0	100	90-110	0			

**DUP** Sample ID: **0708282-01ADUP** Units: **pH Units** Analysis Date: **08/15/07 0:00**

Client ID: **DAF** Run ID: **WETCHEM\_070815H** SeqNo: **1189928** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.22	0.10	0	0	0	0-0	7.19	0.416	20	

The following samples were analyzed in this batch:

0708282-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range



☐ e-Chain Analytical, Inc.  
10450 Stancliff Rd. #210  
Houston, Texas 77099  
(Tel) 281.530.5656  
(Fax) 281.530.5887

## Chain of Custody Form

Page      of     

☐ e-Chain Analytical, Inc.  
3352 128th Avenue  
Holland, Michigan 49424  
(Tel) 616.399.6070  
(Fax) 616.399.6185

The Chain of Custody is a Legal Document. All information must be completed accurately.

Customer Information				Project Information				Parameter/Method Request for Analysis											
Project Name				DAF Disposal				TCLP VOA											
Project Number								" Semi VOA											
Bill To Company								" Metals											
Invoice Attn								RCI											
Address																			
City/State/Zip																			
Phone																			
Fax																			
e-Mail Address																			
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold		
1	DAF	8/13/07	1500	S	P	1	X	X	X	X									
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Sampler(s) Please Print & Sign		Shipment/Method		Required Turnaround Time: (Check Box)		Results Due Date	
[Signature]		Fed Ex		<input checked="" type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour		8/16/07	
Relinquished by:	Date: 8/13/07 Time: 1615	Received by (Laboratory):	Date: 8/14/07 Time: 0900	Notes: Recd Complete Report			
Relinquished by:	Date: [Blank] Time: [Blank]	Checked by (Laboratory):	Date: [Blank] Time: [Blank]	QC Package: (Check One Box Below)			
Logged by (Laboratory):		Time: [Blank]		<input type="checkbox"/> Level II Std QC <input type="checkbox"/> TRAP Checklist			
Preservative Key: HCl 2-HNO <sub>3</sub> 3-H <sub>2</sub> SO <sub>4</sub> 4-NaOH 5-Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 6-NaHSO <sub>4</sub> 7-Other 8-4 C 9-5035		Time: [Blank]		<input type="checkbox"/> Level III Std QC/Raw Data <input type="checkbox"/> TRAP Level IV			
				<input type="checkbox"/> Level IV SW46/CLP <input type="checkbox"/> Other			

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Chain Analytical, Inc.  
2. Unless otherwise agreed in a formal contract, services provided by e-Chain Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.



Sample Receipt Checklist

Client Name: NAVAJO REFINING

Date/Time Received: 8/14/2007 9:00:00 AM

Work Order Number 0708282

Received by: RSZ

Checklist completed by

[Signature]  
Signature

8/14/07  
Date

Reviewed by

[Signature] 8/14/07  
Initials Date

Matrix:

S

Carrier name: FedEx

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☒ No ☐ Not Present ☐

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Container/Temp Blank temperature in compliance? Yes ☒ No ☐

Temperature(s)/Thermometer(s): 4.2c 002

Water - VOA vials have zero headspace? Yes ☐ No ☐ No VOA vials submitted ☒

Water - pH acceptable upon receipt? Yes ☐ No ☐ N/A ☒

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

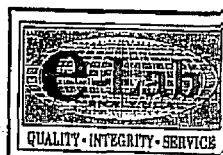
Login Notes:

Client contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted: \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_

**e-Lab Analytical, Inc.**

10450 Stancilff Rd., Suite 210  
Houston, Texas 77099  
Tel. 281.530.5656  
Fax. 218.530.5887

**CUSTODY SEAL**

Date: 8/15/07 Time: 1610  
Name: JEFF Byrd  
Company: Alaska

Seal Broken By:

RG  
Date: 8-14-07

**e-Lab Analytical, Inc**

**Date:** August 16, 2007

---

**CLIENT:** e-Lab Analytical, Inc

**Project:** 0708282

**Work Order:** 0708365

**Work Order Sample Summary**

---

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0708365-01	0708282-01B	Soil		8/13/2007 15:00	8/15/2007 09:50	<input type="checkbox"/>

**e-Lab Analytical, Inc****Date:** *August 16, 2007*

---

**CLIENT:** e-Lab Analytical, Inc  
**Project:** 0708282  
**Work Order:** 0708365

---

**Case Narrative**

Batch R51624 Reactive Cyanide LCS/LCSD and MS/MSD RPDs were above control limits. The individual recoveries were in control.

**e-Lab Analytical, Inc**

Date: August 16, 2007

CLIENT: e-Lab Analytical, Inc

Client Sample ID: 0708282-01B

Work Order: 0708365

Collection Date: 8/13/2007 3:00:00 PM

Project: 0708282

Lab ID: 0708365-01

Matrix: SOIL

Analyses	Result	Report Limit	Qual	Units	Dilution Factor	Date Analyzed
<b>CYANIDE, REACTIVE</b>						Analyst: ED
Cyanide, Reactive	ND	40.0		mg/Kg	1	8/13/2007
<b>SULFIDE, REACTIVE</b>						Analyst: ED
Sulfide, Reactive	ND	40.0		mg/Kg	1	8/13/2007

**Qualifiers:** ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
P - Dual Column results percent difference > 40%  
E - Value above quantitation range  
H - Analyzed outside of Hold Time

# e-Lab Analytical, Inc

CLIENT: e-Lab Analytical, Inc

Work Order: 0708365

Project: 0708282

Date: Aug 16 2007

## QC BATCH REPORT

Batch ID: R51623 Instrument ID WETCHEM Method: EPA 7.3.4.2

MBLK Sample ID MB-R51623 Units: mg/Kg Analysis Date: 08/13/07 0:00

Client ID: Run ID: WETCHEM\_070813M SeqNo: 839935 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
---------	--------	-----	---------	---------------	------	---------------	---------------	------	-----------	------

Sulfide, Reactive	ND	40								
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The following samples were analyzed in this batch:

0708365-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: e-Lab Analytical, Inc  
Work Order: 0708365  
Project: 0708282

## QC BATCH REPORT

Batch ID: **R51624** Instrument ID **WETCHEM** Method: **EPA 7.3.3.2**

**MBLK** Sample ID **WBLKW1081307** Units: **mg/Kg** Analysis Date: **08/13/07 0:00**  
Client ID: Run ID: **WETCHEM\_070813N** SeqNo: **839943** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	ND	40								

**LCS** Sample ID **WLCSW1081307** Units: **mg/Kg** Analysis Date: **08/13/07 0:00**  
Client ID: Run ID: **WETCHEM\_070813N** SeqNo: **839944** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	352.3	40	620	0	56.8	2.8-70	0			

**LCSD** Sample ID **WLCSDW1081307** Units: **mg/Kg** Analysis Date: **08/13/07 0:00**  
Client ID: Run ID: **WETCHEM\_070813N** SeqNo: **839954** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	146.8	40	620	0	23.7	2.8-70	352.3	82.4	35	R

**MS** Sample ID **0708253-02A MS** Units: **mg/Kg** Analysis Date: **08/13/07 0:00**  
Client ID: Run ID: **WETCHEM\_070813N** SeqNo: **839952** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	411	40	620	0	66.3	2.8-70	0			

**MSD** Sample ID **0708253-02A MSD** Units: **mg/Kg** Analysis Date: **08/13/07 0:00**  
Client ID: Run ID: **WETCHEM\_070813N** SeqNo: **839953** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Reactive	146.8	40	620	0	23.7	2.8-70	411	94.7	35	R

The following samples were analyzed in this batch:

0708365-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

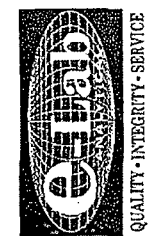
P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

0708365



Subcontractor:  
e-Lab Analytical, Inc.  
3352 128th Ave.  
Holland, MI 49424

TEL: (616) 399-6070  
FAX: (616) 399-6185  
Acct #:

# CHAIN-OF-CUSTODY RECORD

Date: Aug 14, 2007  
COC ID: 5412  
Due Date 8/16/2007

Page 1 of 1

Customer Information		Project Information		Parameter/Method Request for Analysis												
Purchase Order	Work Order	Project Name	Project Number	A	B	C	D	E	F	G	H	I	J			
Company Name	e-Lab Analytical, Inc.	Bill To Company	e-Lab Analytical, Inc.													
Send Report To	Jeffrey L Croston	Inv Attn	Accounts Payable													
Address	10450 Stanciliff Rd, Suite 210	Address	10450 Stanciliff Rd, Suite 210													
City/State/Zip	Houston, Texas 77099-4338	City/State/Zip	Houston, Texas 77099-4338													
Phone	(281) 530-5656	Phone	(281) 530-5656													
Fax	(281) 530-5887	Fax	(281) 530-5887													
eMail Address	jcroston@elabi.com	eMail CC	oelliston@elabi.com													
Sample ID	0708282-01B (DAF)	Collection Date	8/13/2007 15:00	A	B	C	D	E	F	G	H	I	J			
Matrix	Soil	Bottle	(1) 20ZGNEAT	X	X											

## Comments:

Please analyze for Reactive Cyanide & Reactive Sulfide.

Relinquished by:

8/14/07 UPS  
8/15/07 0950

Date/Time

Received by:

8/14/07 UPS  
8/15/07 0950

Date/Time

Cooler IDs

Report/QC Level

Std



e-Lab Analytical, Inc

Sample Receipt Checklist

Client Name ELAB-HOU

Date/Time Received: 8/15/2007 9:50:00 AM

Work Order Number 0708365

Received by: AJK

Checklist completed by



8/15/07  
Date

Reviewed by



8/15/07  
Date

Matrix: Soil

Carrier name: UPS

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>1.6°C</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Login Notes:

Client contacted \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: \_\_\_\_\_

Corrective Action \_\_\_\_\_



WEIGHT 10	DIMENSIONAL WEIGHT	LARGE AIR PACKAGE <input checked="" type="checkbox"/>
--------------	-----------------------	---

SHIPPER RELEASE <input type="checkbox"/>
--

The shipper authorizes UPS to act as forwarding agent for export control and customs purposes.  
The shipper certifies that these commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations, Division 1, Part 1, Section 1.1 of the Code of Federal Regulations.



SHIPMENT FROM UPS ACCOUNT NO.	698174
--	--------

REFERENCE NUMBER

SUB

RICHARD SANCHEZ

TELEPHONE  
281-530-5656

E-LAB, INC.

1450 STANCLIFF RD STE #210

HOUSTON

TX 77099

DELIVERY TO	TELEPHONE
-------------	-----------

RECEIVING

616-399-6070

E-LAB, INC.

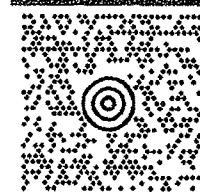
3352 128TH AVE

HOLLAND

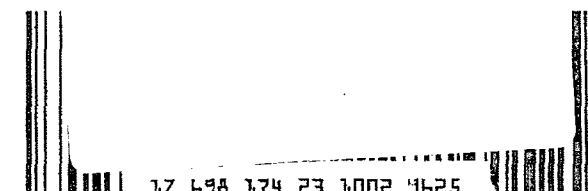
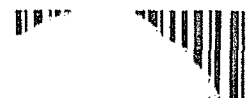
MI 49424

(URC v. 48.0A 10/2005)  
0201952542609 1/05 S

United Parcel Service, Louisville, KY



MI 495 9-04



1Z 698 174 23 1002 1625

TRACKING NUMBER

SHIPMENT ID NUMBER	6981 478 40K
-----------------------	--------------

DWS ID Label

1Z6981742310029625



**e-Lab Analytical, Inc.**  
10450 Stancliff Rd., Suite 210  
Houston, Texas 77099  
Tel. 281.530.5656  
Fax. 218.530.5887

CUSTOMER

Date: 8/15/04  
Name: RICHARD SANCHEZ  
Company: e-Lab

By: [Signature]  
Date: 8/15/04  
1P

0708365

## Jones, Brad A., EMNRD

---

**From:** Moore, Darrell [Darrell.Moore@hollycorp.com]  
**Sent:** Wednesday, February 06, 2008 2:38 PM  
**To:** Price, Wayne, EMNRD; Jim Wilson; Lackey, Johnny  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** RE: Possible improper waste disposal

This waste is NOT a listed RCRA waste at Navajo Refining-Artesia Plant.

The issue went thru a listing determination and was signed off on by NMED in a letter from Dave Cobrain to Darrell Moore dated July 19, 2000.

This letter was Cc'ed to Wayne Price, among others. The legal issue is that at Navajo Refining our DAF Unit is DOWNSTREAM of ABT (Agressive Biological Treatment) in our wastewater tanks. Therefore, by rule, it is non-hazardous. As an added precaution, we have sampled this waste numerous times and it has always passed the TCLP. The last test was done in the last quarter of 2007. The waste is NON-HAZARDOUS!

-----Original Message-----

**From:** Price, Wayne, EMNRD [mailto:wayne.price@state.nm.us]  
**Sent:** Wednesday, February 06, 2008 11:36 AM  
**To:** Jim Wilson; Moore, Darrell  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** Possible improper waste disposal

Dear Mr. Wilson:

It has come to OCD's attention that possible RCRA listed DAF (dissolved air floatation waste normally know as K-048) waste generated at the Navajo Artesia Refinery has been disposed of at the Artesia Aeration land farm OCD permit # NM1-30. Please be aware your permit or the regulations do not allow such waste to be disposed of at your facility.

You are hereby ordered to stop receiving such waste and perform the following actions:

1. Provide all paperwork, manifest, sample analysis concerning the waste in question to Mr. Brad Jones who will be on site tomorrow morning.
2. Also make arrangements so Mr. Jones may inspect all records during his inspection.
3. Isolate the waste in question until a final determination has been made by this agency for proper disposal.

Dear Mr. Moore:

Pursuant to our telephone conversation this morning you are hereby directed to stop disposing of the DAF waste generated at the Navajo Artesia Refinery at the Artesia Aeration landfarm OCD permit #NM1-30. You indicated this material is predominately dirt, scale, rust and is virtually oil free after it has gone thru the treatment process. You also indicated it is has been deemed non-hazardous. Please note landfarms are for remediating soils that have been contaminated with oilfield hydrocarbons. Since you indicated this material has already gone thru treatment it cannot be disposed of in the landfarm but must go to an OCD permitted landfill or another approved facility. You are hereby ordered to stop sending such waste to Artesia Aeration and perform the following actions today:

1. Provide a copy to this office of all of the paperwork, manifests, sample analysis, waste determinations concerning the waste in question.
2. Provide a copy or point out in your current discharge plan where this waste is approved to be disposed of.
3. Provide this agency a plan for approval to pick-up and properly dispose of the waste in question.

Wayne Price-Environmental Bureau Chief

Oil Conservation Division

1220 S. Saint Francis

Santa Fe, NM 87505

E-mail [wayne.price@state.nm.us](mailto:wayne.price@state.nm.us) <mailto:wayne.price@state.nm.us>

Tele: 505-476-3490

Fax: 505-476-3462

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

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This inbound email has been scanned by the MessageLabs Email Security System.

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**Jones, Brad A., EMNRD**

---

**From:** Price, Wayne, EMNRD  
**Sent:** Wednesday, February 06, 2008 11:36 AM  
**To:** Jim Wilson; darrell.moore@navajo-refining.com  
**Cc:** Jones, Brad A., EMNRD; Williams, Chris, EMNRD; Gum, Tim, EMNRD; Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD; VonGonten, Glenn, EMNRD  
**Subject:** Possible improper waste disposal  
**Contacts:** Jim Wilson

Dear Mr. Wilson:

It has come to OCD's attention that possible RCRA listed DAF (dissolved air floatation waste normally know as K-048) waste generated at the Navajo Artesia Refinery has been disposed of at the Artesia Aeration land farm OCD permit # NM1-30. Please be aware your permit or the regulations do not allow such waste to be disposed of at your facility. You are hereby ordered to stop receiving such waste and perform the following actions:

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Wayne Price-Environmental Bureau Chief  
 Oil Conservation Division  
 1220 S. Saint Francis  
 Santa Fe, NM 87505  
 E-mail [wayne.price@state.nm.us](mailto:wayne.price@state.nm.us)  
 Tele: 505-476-3490  
 Fax: 505-476-3462

2/11/2008

**REFINING COMPANY, L.P.****FAX**

(505) 746-5283 DIV. ORDERS  
(505) 746-5481 TRUCKING  
(505) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159  
ARTESIA, NEW MEXICO 88211-0159  
TELEPHONE (505) 748-3311

**FAX**

(505) 746-5419 ACCOUNTING  
(505) 746-5451 EXEC/MKTG  
(505) 746-5421 ENGINEERING  
(505) 746-5480 PIPELINE

August 30, 2007

Mr. Jim Wilson  
Artesia Aeration, Inc

**RE: Approval of DAF for Disposal at Artesia Aeration**

Dear Jim,

Navajo recently sent you a TCLP analysis of our DAF waste stream. Also included in that analysis were readings for chlorides and paint filter. Based on the analysis from this grab sample, I certify by my signature below that this waste stream is non-hazardous and can be landfarmed under the limits set by the New Mexico Oil Conservation Division in NMAC 19.15.36.15.

Sincerely,  
NAVAJO REFINING COMPANY

Darrell Moore  
Environmental Manager for Water and Waste

*Don't worry  
about DAF  
(sample)*

*An Independent Refinery Serving . . .*  
**NEW MEXICO • ARIZONA • WEST TEXAS • NORTHERN MEXICO**

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-138  
Revised June 10, 2003

Submit Original  
Plus 1 Copy  
to Appropriate  
District Office

### REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. RCRA Exempt: <input type="checkbox"/> Non-Exempt: <input checked="" type="checkbox"/> Verbal Approval Received: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Generator <u>Navajo Refining Co</u>
2. Management Facility Destination <u>Artesia Aeration</u>	5. Originating Site <u>Artesia NM</u>
3. Address of Facility Operator	6. Transporter <u>S Brothers</u>
7. Location of Material (Street Address or ULSTR) <u>501 E Main Artesia</u>	8. State <u>NM</u>
9. Circle One: A. All requests for approval to accept oilfield exempt wastes will be accompanied by a certification of waste from the Generator; one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by necessary chemical analysis to PROVE the material is not-hazardous and the Generator's certification of origin. No waste classified hazardous by listing or testing will be approved. All transporters must certify the wastes delivered are only those consigned for transport.	

BRIEF DESCRIPTION OF MATERIAL: Dissolved Air Float from petroleum refining.

Estimated Volume 80 cy/week Known Volume (to be entered by the operator at the end of the haul) \_\_\_\_\_ cy

SIGNATURE \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Waste Management Facility Authorized Agent

TYPE OR PRINT NAME: \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

(This space for State Use)		
APPROVED BY: _____	TITLE: _____	DATE: _____
APPROVED BY: _____	TITLE: _____	DATE: _____



## e-Lab Analytical, Inc.

Date: August 16, 2007

CLIENT: Navajo Refining Company

Client Sample ID: DAF

Work Order: 0708282

Collection Date: 8/13/2007 3:00:00 PM

Project: DAF Disposal

Lab ID: 0708282-01

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<b>TCLP MERCURY</b>			<b>SW7470</b>			
Mercury	ND		0.000200	mg/L	Prep Date: 8/15/2007 1	Analyst: JCJ 8/15/2007 1:47:46 PM
<b>TCLP METALS, ICP</b>			<b>SW1311/6020</b>			
Arsenic	ND		0.0500	mg/L	Prep Date: 8/15/2007 10	Analyst: ALR 8/15/2007 5:47:00 PM
Barium	0.183		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Cadmium	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Chromium	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Lead	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Selenium	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
Silver	ND		0.0500	mg/L	10	8/15/2007 5:47:00 PM
<b>TCLP SEMIVOLATILES</b>			<b>SW1311/8270</b>			
2,4,5-Trichlorophenol	ND		5.0	µg/L	Prep Date: 8/15/2007 1	Analyst: ACN 8/15/2007 3:16:00 PM
2,4,6-Trichlorophenol	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
2,4-Dinitrotoluene	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
Cresols, Total	61		30	µg/L	1	8/15/2007 3:16:00 PM
Hexachlorobenzene	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
Hexachlorobutadiene	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
Hexachloroethane	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
Nitrobenzene	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
Pentachlorophenol	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
Pyridine	ND		5.0	µg/L	1	8/15/2007 3:16:00 PM
Surr: 2,4,6-Tribromophenol	64.0		42-124	%REC	1	8/15/2007 3:16:00 PM
Surr: 2-Fluorobiphenyl	67.0		48-120	%REC	1	8/15/2007 3:16:00 PM
Surr: 2-Fluorophenol	58.7		20-120	%REC	1	8/15/2007 3:16:00 PM
Surr: 4-Terphenyl-d14	65.8		51-135	%REC	1	8/15/2007 3:16:00 PM
Surr: Nitrobenzene-d5	68.7		41-120	%REC	1	8/15/2007 3:16:00 PM
Surr: Phenol-d6	63.0		20-120	%REC	1	8/15/2007 3:16:00 PM
<b>TCLP VOLATILES</b>			<b>SW1311/8260B</b>			
1,1-Dichloroethene	ND		100	µg/L	Prep Date: 8/14/2007 20	Analyst: PC 8/15/2007 1:40:00 PM
1,2-Dichloroethane	ND		100	µg/L	20	8/15/2007 1:40:00 PM
1,4-Dichlorobenzene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
2-Butanone	ND		200	µg/L	20	8/15/2007 1:40:00 PM
Benzene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Carbon tetrachloride	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Chlorobenzene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Chloroform	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Tetrachloroethene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Trichloroethene	ND		100	µg/L	20	8/15/2007 1:40:00 PM
Vinyl chloride	ND		100	µg/L	20	8/15/2007 1:40:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 P - Dual Column results percent difference > 40%  
 E - Value above quantitation range  
 H - Analyzed outside of Hold Time

AR Page 1 of 2

## e-Lab Analytical, Inc.

Date: August 16, 2007

CLIENT: Navajo Refining Company  
 Work Order: 0708282  
 Project: DAF Disposal  
 Lab ID: 0708282-01

Client Sample ID: DAF  
 Collection Date: 8/13/2007 3:00:00 PM

Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 1,2-Dichloroethane-d4	102		70-125	%REC	20	8/15/2007 1:40:00 PM
Surr: 4-Bromofluorobenzene	108		72-125	%REC	20	8/15/2007 1:40:00 PM
Surr: Dibromofluoromethane	103		71-125	%REC	20	8/15/2007 1:40:00 PM
Surr: Toluene-d8	106		75-125	%REC	20	8/15/2007 1:40:00 PM
CYANIDE, REACTIVE			SW-846			Analyst: MAG
Reactive Cyanide	ND		40.0	mg/Kg	1	8/13/2007
SULFIDE, REACTIVE			SW-846			Analyst: MAG
Reactive Sulfide	ND		40.0	mg/Kg	1	8/13/2007
IGNITABILITY FOR SOLIDS			SW846, CHPT. 7.1.2			Analyst: RPM
Burns vigorously and persistently	No				1	8/15/2007
Ignites spontaneously	No				1	8/15/2007
Ignites through friction	No				1	8/15/2007
Ignites under std. temp and pressure	No				1	8/15/2007
Ignites with moisture	No				1	8/15/2007
PH IN SOLID			SW8045B			Analyst: TH
pH	7.19		0.100	pH Units	1	8/15/2007

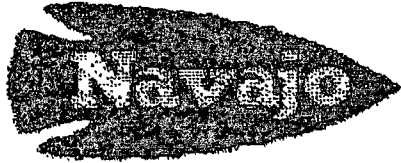
Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
 P - Dual Column results percent difference > 40%  
 E - Value above quantitation range  
 H - Analyzed outside of Hold Time

AR Page 2 of 2



**ENVIRONMENTAL DEPARTMENT**  
**PHONE: (505) 748-6733**  
**FAX: (505) 746-5451**



**NAVAJO REFINING COMPANY**  
**P.O. BOX 159**  
**501 E. MAIN STREET**  
**ARTESIA, NEW MEXICO 88210**

**SENDING TO: NAME: Jim Wilson**

**COMPANY NAME: Artesia Aeration**

**FAX: 505-3923085**

**SENDING FROM: NAME: Darrell Moore**

**DATE: 8/17/07**

**NO. OF PAGES: 6**

(Including cover page)

**IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL CARRIE AT THE NUMBER ABOVE.**  
**Waste Status non-exempt waste material.**

**COMMENTS:**

**NOTE:** Unless otherwise indicated or obvious from the nature of transmittal, the information contained in this facsimile message is privileged and confidential information intended for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error or are not sure whether it is privileged, please immediately notify us by telephone and return the original message to us at the above address via the U.S. Postal Service. Thank you!

**CERTIFICATE OF WASTE STATUS  
NON-EXEMPT WASTE MATERIAL**COMPANY / GENERATOR: Navajo RefiningADDRESS: 501 E Main Artesia NM 88211GENERATING SITE: Artesia PlantCOUNTY Eddy STATE NM  
TYPE OF WASTE: Dissolved Air FloatESTIMATED VOLUME: 80 cy/weekGENERATING PROCESS: Petroleum Refining

REMARKS: \_\_\_\_\_

NMOCD FACILITY: Artesia AerationTRUCKING COMPANY: S Brothers

As a condition of acceptance for disposal, I hereby certify that this waste is A non-exempt waste as defined by the Environmental Protection Agency's (EPA) July 1988 Regulatory Determination. To my knowledge, this waste will be analyzed pursuant to the provisions of 40 CFR Part 261 to verify the nature as non-hazardous. I further certify that to my knowledge "hazardous or listed waste" pursuant to the provisions of 40 CFR, Part 261, Subparts C and D, has not been added or mixed with the waste so as to make the resultant mixture a "hazardous waste" pursuant to the provisions of 40 CFR, Sections 2613.

AGENT: Darrell Moore  
SIGNATURENAME: Darrell Moore  
PRINTEDADDRESS: P.O. Box 159 Artesia NM 88211DATE: 8/17/07

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No.		Manifest Doc. No.		2. Page 1 of							
3. Generator's Name and Mailing Address						<b>Nº 8757</b>							
4. Generator's Phone (      ) <i>Navajo</i>													
5. Transporter 1 Company Name <i>S Brothers</i>			6. US EPA ID Number		A. Transporter's Phone								
7. Transporter 2 Company Name			8. US EPA ID Number		B. Transporter's Phone								
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>			10. US EPA ID Number		C. Facility's Phone								
11. Waste Shipping Name and Description						12. Containers		13. Total		14. Unit			
						No.		Type		Quantity		Wt/Vol	
						a.							
						b.							
						c.							
D. Additional Descriptions for Materials listed Above						E. Handling Codes For Wastes Listed Above							
15. Special Handling Instructions and Additional Information													
16. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.													
Printed/Typed Name						Signature			Month   Day   Year				
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <i>Chris Murray</i>						Signature <i>[Signature]</i>			Month   Day   Year <i>01/19/08</i>				
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name						Signature			Month   Day   Year				
19. Discrepancy Indication Space  <i>Non HAZ</i>													
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.													
Printed/Typed Name						Signature			Month   Day   Year				

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMD048918817	Manifest Doc. No.	2. Page 1 of 1		
3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159			No 8722			
4. Generator's Phone ( 575 ) 748-3311		6. US EPA ID Number		A. Transporter's Phone		
5. Transporter 1 Company Name S Brothers		7. Transporter 2 Company Name		B. Transporter's Phone		
8. US EPA ID Number		9. Designated Facility Name and Site Address ARTESIA AERATION, L.L.C. MALJAMAR, NM		C. Facility's Phone		
10. US EPA ID Number		11. Waste Shipping Name and Description		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. DAF					10 yds	
b.						
c.						
d.						
D. Additional Descriptions for Materials listed Above				E. Handling Codes For Wastes Listed Above		
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Printed/Typed Name Carrie Hernandez			Signature Carrie Hernandez		Month	Day Year
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed/Typed Name Chris Murray		Signature Chris Murray	
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed/Typed Name		Signature	
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name			Signature		Month	Day Year

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMD048918817	Manifest Doc. No.	2. Page 1 of 1		
3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159				No 8723		
4. Generator's Phone ( 575 ) 748-3311						
5. Transporter 1 Company Name S Brothers		6. US EPA ID Number		A. Transporter's Phone		
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter's Phone		
9. Designated Facility Name and Site Address ARTESIA AERATION, L.L.C. MALJAMAR, NM		10. US EPA ID Number		C. Facility's Phone		
11. Waste Shipping Name and Description				12. Containers No.	Type	13. Total Quantity
a. DAF						10 yds
b. CELL 4						
c.						
d.						
D. Additional Descriptions for Materials listed Above				E. Handling Codes For Wastes Listed Above		
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Printed/Typed Name Carrie Hernandez				Signature Carrie Hernandez		Month Day Year 11/21/08
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name NAVJO REFINING CO				Signature [Signature]		Month Day Year 11/21/08
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name				Signature		Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name				Signature		Month Day Year

GENERATOR

TRANSPORTER

FACILITY



<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NMD048918817</b>		Manifest Doc. No.		2. Page 1 of 1					
3. Generator's Name and Mailing Address <b>Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159</b>						<b>Nº 8724</b>					
4. Generator's Phone ( <b>575</b> ) <b>748-3311</b>											
5. Transporter 1 Company Name <b>S Brothers</b>				6. US EPA ID Number		A. Transporter's Phone					
7. Transporter 2 Company Name				8. US EPA ID Number		B. Transporter's Phone					
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>				10. US EPA ID Number		C. Facility's Phone					
11. Waste Shipping Name and Description						12. Containers		13. Total Quantity		14. Unit	
						No. Type		Quantity		Wt/Vol	
a. <b>DAF</b>								<b>10 yds</b>			
b.											
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Printed/Typed Name <b>Carrie Hernandez</b>						Signature <i>Carrie Hernandez</i>			Month Day Year . . .		
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name <i>Chris Murray</i>						Signature <i>Chris Murray</i>			Month Day Year <b>01/22/08</b>		
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name						Signature			Month Day Year . . .		
19. Discrepancy Indication Space											
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Printed/Typed Name						Signature			Month Day Year . . .		

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMD048918817	Manifest Doc. No.	2. Page 1 of 1		
3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159			No 8733			
4. Generator's Phone ( 575 ) 749-3311						
5. Transporter 1 Company Name S Brothers		6. US EPA ID Number		A. Transporter's Phone		
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter's Phone		
9. Designated Facility Name and Site Address ARTESIA AERATION, L.L.C. MALJAMAR, NM		10. US EPA ID Number		C. Facility's Phone		
11. Waste Shipping Name and Description			12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
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Printed/Typed Name Carrie Hernandez		Signature Carrie Hernandez		Month Day Year		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Chris Murray		Signature Chris Murray		Month Day Year 01/22/08
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMD048918817	Manifest Doc. No.	2. Page 1 of 1		
3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159			No 8732			
4. Generator's Phone ( 575 ) 748-3311						
5. Transporter 1 Company Name S Brothers		6. US EPA ID Number		A. Transporter's Phone		
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter's Phone		
9. Designated Facility Name and Site Address ARTESIA AERATION, L.L.C. MALJAMAR, NM		10. US EPA ID Number		C. Facility's Phone		
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a. DAF				10 yds		
b.						
c.						
d.						
D. Additional Descriptions for Materials listed Above			E. Handling Codes For Wastes Listed Above			
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Printed/Typed Name Carrie Hernandez		Signature Carrie Hernandez		Month	Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Chris Murray		Month	Day Year	
Printed/Typed Name Chris Murray		Signature		01	23 08	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Day Year	
Printed/Typed Name		Signature		Month	Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month	Day Year	

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NMD048918817</b>	Manifest Doc. No.	2. Page 1 of <b>1</b>		
3. Generator's Name and Mailing Address <b>Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159</b>			Nº <b>8731</b>			
4. Generator's Phone ( <b>575</b> ) <b>742-3311</b>						
5. Transporter 1 Company Name <b>S Brothers</b>		6. US EPA ID Number	A. Transporter's Phone			
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter's Phone			
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>		10. US EPA ID Number	C. Facility's Phone			
11. Waste Shipping Name and Description			12. Containers	13. Total Quantity	14. Unit Wt/Vol	
a. <b>DAF</b>			No.	Type	<b>10 yds</b>	
b.						
c.						
d.						
D. Additional Descriptions for Materials listed Above			E. Handling Codes For Wastes Listed Above			
15. Special Handling Instructions, and Additional Information						
16. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Printed/Typed Name <b>Carrie Hernandez</b>		Signature <i>Carrie Hernandez</i>		Month	Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Chris Murray</i>		Month	Day Year	
Printed/Typed Name <b>Chris Murray</b>		Signature <i>Chris Murray</i>		<b>01</b>	<b>23</b> <b>08</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Day Year	
Printed/Typed Name		Signature				
19. Discrepancy Indication Space						
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month	Day Year	

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NMD048918817</b>		Manifest Doc. No.		2. Page 1 of <b>1</b>							
3. Generator's Name and Mailing Address <b>Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159</b>						<b>Nº 8713</b>							
4. Generator's Phone ( <b>575</b> ) <b>748-3311</b>													
5. Transporter 1 Company Name <b>S Brothers</b>			6. US EPA ID Number			A. Transporter's Phone							
7. Transporter 2 Company Name			8. US EPA ID Number			B. Transporter's Phone							
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>			10. US EPA ID Number			C. Facility's Phone							
11. Waste Shipping Name and Description  a. <del>CONFIDENTIAL</del> <b>DAF</b>  b.  c.  d.						12. Containers		13. Total		14. Unit			
						No.		Type		Quantity		Wt/Vol	
										<b>10 yds</b>			
D. Additional Descriptions for Materials listed Above						E. Handling Codes For Wastes Listed Above							
15. Special Handling Instructions, and Additional Information													
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.													
Printed/Typed Name <b>CARRIE HERNANDEZ</b>					Signature <i>Carrie Hernandez</i>			Month Day Year <b>1 28 08</b>					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name <b>DAVID MONTEZ</b>					Signature <i>David Montez</i>			Month Day Year <b>1 28 08</b>					
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name					Signature			Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.													
Printed/Typed Name					Signature			Month Day Year					

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NMD048918817</b>		Manifest Doc. No.		2. Page 1 of <b>1</b>					
3. Generator's Name and Mailing Address <b>Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159</b>						<b>No 8711</b>					
4. Generator's Phone ( <b>575</b> ) <b>748-3311</b>											
5. Transporter 1 Company Name <b>S Brothers</b>			6. US EPA ID Number		A. Transporter's Phone						
7. Transporter 2 Company Name			8. US EPA ID Number		B. Transporter's Phone						
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>			10. US EPA ID Number		C. Facility's Phone						
11. Waste Shipping Name and Description						12. Containers		13. Total		14. Unit	
						No. Type		Quantity		Wt/Vol	
a. <del>200 155 155 155 155 155</del> <b>DAF</b>								<b>10 yds</b>			
b. <b>CELL #4</b>											
c. <b>NPF</b>											
d.											
D. Additional Descriptions for Materials listed Above								E. Handling Codes For Wastes Listed Above			
15. Special Handling Instructions and Additional Information											
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.											
Printed/Typed Name <b>CARRIE HERNADEZ</b>						Signature <i>Carrie Hernandez</i>			Month Day Year <b>1 28 08</b>		
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name <b>DAVID MENDOZA</b>						Signature <i>David Mendo</i>			Month Day Year <b>1 28 08</b>		
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name						Signature			Month Day Year		
19. Discrepancy Indication Space											
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.											
Printed/Typed Name						Signature			Month Day Year		

GENERATOR

TRANSPORTER

FACILITY

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No.		Manifest Doc. No.		2. Page 1 of			
3. Generator's Name and Mailing Address <b>NAOIAJU ARTESIA NEMEXICO PO BOX 159</b>						Nº <b>8798</b>			
4. Generator's Phone ( <b>575</b> ) <b>748-3311</b>									
5. Transporter 1 Company Name <b>SIBROTAFERS</b>				6. US EPA ID Number		A. Transporter's Phone			
7. Transporter 2 Company Name				8. US EPA ID Number		B. Transporter's Phone			
9. Designated Facility Name and Site Address <b>ARTESIA AERATION, L.L.C. MALJAMAR, NM</b>				10. US EPA ID Number		C. Facility's Phone			
11. Waste Shipping Name and Description						12. Containers		13. Total Quantity	14. Unit Wt/Vol
						No.	Type		
a. <b>DAF</b> <del>CEP</del> <del>SPD</del>								<b>10 YDS</b>	
b. <b>NPFL</b>									
c. <b>CELL 4</b>									
d.									
D. Additional Descriptions for Materials listed Above							E. Handling Codes For Wastes Listed Above		
15. Special Handling Instructions and Additional Information									
16. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Printed/Typed Name					Signature			Month Day Year <b>1 30 08</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name <b>DIA/MOAIN 1307</b>					Signature <i>[Signature]</i>			Month Day Year <b>1 30 08</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name					Signature			Month Day Year	
19. Discrepancy Indication Space									
20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.									
Printed/Typed Name					Signature			Month Day Year	

GENERATOR

TRANSPORTER

FACILITY