NM1 - 30

DAF Waste



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

February 28, 2008

Mr. Jim Wilson Artesia Aeration, LLC PO Box 310 Hobbs, New Mexico 88240

RE: February 7, 2008 - Complaint Investigation of Acceptance of Navajo Refinery

Dissolved Air Flotation (DAF) Material

Artesia Aeration Landfarm: Permit NM-01-0030

Location: Section7, Township 17 South, Range 32 East, NMPM

Eddy County, New Mexico

Dear Mr. Wilson:

The New Mexico Oil Conservation Division (OCD) received a complaint against Artesia Aeration, LLC (Artesia Aeration) surface waste management facility operations in regard to the acceptance and disposal of DAF material generated by Navajo Refining Company, LP (Navajo) Navajo Refinery of Artesia. OCD's initial concerns were the RCRA classification and listing (K048) of the DAF material and the possible disposal of such waste material at a permitted surface waste management facility restricted to the operation of landfarming. OCD initiated an investigation into the complaint during a pre-planned February 7, 2008 site visit to Artesia Aeration. The investigation included the inspection and review of documents provided by Navajo.

During the February 7, 2008 site visit, Mr. Brad Jones, an OCD representative, observed the DAF material placed in a landfarm cell dedicated for waste from Navajo. At the time, Mr. Jones recommended that the DAF material be isolated and berm be placed around the material until further instructions were provided. Mr. Jones obtained copies of available delivery manifest from the landfarm office and traveled to Artesia Aeration's Hobbs office to inspect and obtain copies of any additional records regarding this matter. According to the available copies obtained during the February 7, 2008 visit and copies provided by Navajo, approximately 15 tencubic yards of DAF material were delivered to the Artesia Aeration landfarm — an approximate total of 150- cubic yards of DAF material. Artesia Aeration was unable to produce or provide Mr. Jones a signed C-138 form approving the acceptance of the DAF material.

Mr. Wilson Artesia Aeration Permit NM-1-30 February 28, 2008 Page 2 of 3

The OCD wishes to take this opportunity to remind Artesia Aeration that the following regulatory requirements apply to the landfarm operations and the permit:

In accordance with Paragraph (3) of Subsection A of Section 7 of 19.15.36 NMAC, a landfarm is defined as

"a discrete area of land designated and used for the remediation of petroleum hydrocarboncontaminated soils and drill cuttings."

Pursuit to Subsection A of Section 20 of 19.15.36 NMAC, the transitional provisions of the new surface waste management facility regulations,

"existing surface waste management facilities shall comply with the operational, waste acceptance and closure requirements provided in 19.15.36 NMAC, except as otherwise specifically provided in the applicable permit or order, or in a specific waiver, exception or agreement that the division has granted in writing to the particular surface waste management facility."

Pursuit to Subsection F of Section 13 of 19.15.36 NMAC, operational requirements applicable to all permitted surface waste management facilities,

"Surface waste management facilities shall accept only exempt or non-hazardous waste, except as provided in Paragraph (3) of Subsection F of 19.15.36.13 NMAC. The operator shall not accept hazardous waste at a surface waste management facility. The operator shall not accept wastes containing regulated naturally occurring radioactive material (NORM) at a surface waste management facility except as provided in Subsection C of 19.15.9.714 NMAC. The operator shall require the following documentation for accepting oil field wastes, and both the operator and the generator shall maintain and make the documentation available for division inspection.

- (1) Exempt oil field wastes. The operator shall require a certification on form C-138, signed by the generator or the generator's authorized agent, that represents and warrants that the oil field wastes are generated from oil and gas exploration and production operations, are exempt waste and are not mixed with non-exempt waste. The operator shall have the option to accept such certifications on a monthly, weekly or per load basis. The operator shall maintain and shall make the certificates available for the division's inspection.
- (2) Non-exempt, non-hazardous, oil field wastes. The operator shall require a form C-138, oil field waste document, signed by the generator or its authorized agent. This form shall be accompanied by acceptable documentation to determine that the oil field waste is non-hazardous."

In accordance with Subsection A of Section 15 of 19.15.36 NMAC, operational requirements for landfarms,

"The person tendering oil field waste for treatment at a landfarm *shall certify, on form C-138*, 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 these requirements. The landfarm's operator shall not accept oil field waste for landfarm treatment unless accompanied by this certification."

In order to close this complaint, OCD requires the removal of the DAF and submittal of a DAF removal report within 15 days of receipt of this letter. The report shall include the protocols,

Mr. Wilson Artesia Aeration Permit NM-1-30 February 28, 2008 Page 3 of 3

procedures and methods implemented and applied to adequately remove the DAF material from the landfarm facility and supporting documentation that demonstrates the proper disposal of the DAF material.

To ensure and prevent any future issues in regards to this matter, please submit an operational and waste acceptance plan to the OCD for review and approval within 15 days of receipt of this letter. The operational and waste acceptance plan shall propose protocols, procedures and methods that Artesia Aeration will implement to prevent the acceptance of prohibited material at the landfarm facility. In accordance with the provisions of Subsections C and D of Section 12 of 19.15.36 NMAC, the OCD may impose additional conditions to the existing surface waste management facility permit based upon the approved operational and waste acceptance plan.

OCD anticipates the submittal of the DAF removal report and the operational and waste acceptance plan. If you have any questions regarding this matter, please do not hesitate to contact Brad A. Jones of my staff at (505) 476-3487 or brad.a.jones@state.nm.us.

Sincerely,

Wayne Price

Environmental Bureau Chief

LWP/baj

Cc: OCD District I Office, Hobbs

Jones, Brad A., EMNRD

From:

Moore, Darrell [Darrell.Moore@hollycorp.com]

Sent:

Friday, February 08, 2008 2:29 PM Price, Wayne, EMNRD: Jim Wilson

To: 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,

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.

IFrom: 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

Tele: Fax: 505-476-3490 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.

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

District I
1625 N. French Dr., Hebbs, 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., Suntu Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

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

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

Form C-138 Revised March 12, 2007

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, CHA LETTER STATING PROCESS HAS NOT CHANGED.	IN OF CUSTODY AND
Estimated Volume 60 40 WKIY d3 / bbls Known Volume (to be entered by the operator at the end of	the haul) yd ³ / bbls
5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATE I, DARRELL MOORE representative or authorized agent for NAVAJO REFINERY certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environment regulatory determination, the above described waste is: (Check the appropriate classification)	I US
RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operation exempt waste. Operator Use Only: Waste Acceptance Frequency Monthly Weekly	ons and are not mixed with non-
XX RCRA Non-Exempt. Oil field waste which is non-hazardous that does not exceed the minimum characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste a subpart D, as amended. The following documentation is attached to demonstrate the above-describe the appropriate items)	s defined in 40 CFR, part 261
☐ MSDS Information XX☐X RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Othe	r (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR	•
, representative for	do hereby cartify that
representative samples of the oil field waste have been subjected to the paint filter test and tested for chic have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of the representative samples are attached to demonstrate the above-described waste conform to the requirements. Section 15 of the representative samples are attached to demonstrate the above-described waste conform to the requirements.	oride content and that the samples of 19.15.36 NMAC. The results
5. Transporter: S BROTHERS	
OCD Permitted Surface Waste Management Facility	A STATE OF THE STA
Name and Facility Permit #: CONTROLLED RECOVERY, INC. R-9166	of Graduit Africa
Address of Facility: P.O. BOX 388, HOBBS, NM 88241	in the proper
Method of Treatment and/or Disposal:	
☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfarm 🕱 Landfill ☐	Other
Vaste Acceptance Status:	
	intained As Permanent Record)
RINT NAME: TITLE: REP. CEO+ PRES	DATE:
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) 748-3311 (505) 748-5419 ACCOUNTING (505) 748-5451 EXEC/MKTG (505) 748-5421 ENGINEERING (505) 746-5480 PIPELINE

August 30, 2007

Mr. Jim Wilson Artesia Acration, 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 1
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1600 RD Brazos Road, Azteo, 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 I Copy
to Appropriate
District Office

REQUEST FOR APPROVAL TO ACCEP	1 SOUTH MASTE
1. RCRA Exempt: Non-Exempt: X	4. Generator Navajo Retining C. 5. Originating Site Affesia NM
2. Management Facility Destination Artesia Aeration	6. Transporter S Brothers
3. Address of Facility Operator	8. State NM
7. Location of Material (Street Address or ULSTR) Sol E Main Artesia	, xive
9. Circle One:	
A. All requests for approval to accept oilfield exempt wastes will be accompanied be one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by a material is not-hazardous and the Generator's certification of origin. No waste clapproved	necessary chemical analysis to PROVE the lassified hazardous by listing or testing will be
All transporters must certify the wastes delivered are only those consigned for trans	
BRIEF DESCRIPTION OF MATERIAL: Dissolved Air Float refining.	trom petroleum
J	
	·• •
Estimated Volume 80 my Week Known Volume (to be entered by the ope SIGNATURE	
TYPE OR PRINT NAME: TELE	PHONE NO.
B-MAIL ADDRESS	
APPROVED BY:	DATBr
APPROVEDBY	
	DATE:

	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.		No. 2. Page of	2				
3. (WEATOON SOUL			& <u> </u>				
	Generator's Name and Mailing Address			R 24	e.	872) {}		
\	erucela, No 38211-0159			* 海田	÷.		e triff		
<i>4.</i> (Generator's Phone(875) 768+3333	•							
	Transporter 1 Company Name	6.	US EPA ID Number	A. Trans	porter s P	hone			
	S Americans	l							
7.	Transporter 2 Company Name	8.	US EPA ID Number		porter s P	hone			
	•	1							
9. (Designated Facility Name and Site Address	, 10.	US EPA ID Number	C. Facili	y s Phone)			
	ARTESIA AERATION, L.L.C. MALJAMAR, NM	·							
11. '	Waste Shipping Name and Description				12. Con	tainers	13.		14
	on production and accompany			-	No.	Туре	Total Quantity		Un Vt/\
a.	D468						20 3	rde .	
b.	, grand								
								•	
c.		*****							
						•		•	
d.			•				Y		
	Additional Descriptions for Materials listed Above			E. Hand	ning Code	S FUI VVA	stes Listed Abo	JV6	
				E. Hand	ming code	s roi wa	sies Listed Abc	3 46	
		nation		E. Hand	ming Code	s For Was	sies Listed Abc		
		nation		E. Hand	ming Code	S FOI Was	sies Listed Aoc		
		nation		E. Hand	amy Code	S FOI Was	Sies Listed Acc		
		nation .	,	E. Hand	ang Coue	S FOI Was	Sies Listed Acc		
		nation		E. Hand		S FOI Was	Sies Listed Acc		
		nation		E. Hand	ming code	S FOI Wes	sies Listed Abc		
		nation	,	E. Hand	ining Code	S FOI Wes	sies Listed Abc		
15.	Special Handling Instructions and Additional Information of the second sec		nanifest are not subject to federa				oosal of Hazard	dous Wa	ıstı
15.	Special Handling Instructions and Additional Information of the Inform	naterials described above on this n	nature	I regulations for	reporting		oosal of Hazard	dous Wa	_
15.	Special Handling Instructions and Additional Information of the Information	naterials described above on this n	nature		reporting		oosal of Hazard	dous Wa	
15.	Special Handling Instructions and Additional Information of Information	naterials described above on this n	nature Garrage (1)	I regulations for	reporting		posal of Hazard Month	fous Wa	Ye
16.	Special Handling Instructions and Additional Information GENERATOR'S CERTIFICATION: I certify the moderate for a certification of the certify the moderate for a certification of the certificatio	naterials described above on this n	nature	I regulations for	reporting		posal of Hazard Month	fous Wa	Y
16.	Special Handling Instructions and Additional Information GENERATOR'S CERTIFICATION: I certify the moderate for a certific for a certif	naterials described above on this n Sig terials	nature Garrage (1)	I regulations for	reporting		posal of Hazard Month	fous Wa	Y
15. 16.	Special Handling Instructions and Additional Information of Information	naterials described above on this n Sig terials Sig	nature	I regulations for	reporting		Month	lous Wa Day	Ye
15. 16.	Special Handling Instructions and Additional Information GENERATOR'S CERTIFICATION: I certify the moderate for a certific for a certif	naterials described above on this n Sig terials Sig	nature Garrage (1)	I regulations for	reporting		Month	lous Wa Day Day	Y
15. 16.	Special Handling Instructions and Additional Information of Information	naterials described above on this n Sig terials Sig	nature	I regulations for	reporting		Month	lous Wa Day	Ye
15. 16. 17.	Special Handling Instructions and Additional Information GENERATOR'S CERTIFICATION: I certify the reprinted/Typed Name America Constanting Transporter 1 Acknowledgement of Receipt of Ma Printed/Typed Name Transporter 2 Acknowledgement of Receipt of Ma Printed/Typed Name	naterials described above on this n Sig terials Sig	nature	ا regulations for	reporting		Month	lous Wa Day	Y
16. 17. 18.	Special Handling Instructions and Additional Information of Printed/Typed Name Transporter 1 Acknowledgement of Receipt of Ma Printed/Typed Name Transporter 2 Acknowledgement of Receipt of Ma Printed/Typed Name Discrepancy Indication Space	naterials described above on this notice is seen in the seen is seen in the seen is seen in the seen in the seen is seen in the seen in th	nature	ا regulations for	reporting		Month Month Month	Day	Ye

	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID) No.	Manifest Doc. No.	of			
3.	Generator's Name and Mailing Address	- 1 · · · · · · · · · · · · · · · · · ·		<u> </u>	\$ 7 %	875	57	
	Generator's Phone ()	South to						
5.	Transporter 1 Company Name	6.	US EPA ID N		A. Transport	ers Phone	,	
7.	Transporter 2 Company Name	8. I	US EPA ID N	umber	B. Transport	ers Phone		
9.	Designated Facility Name and Site Address	10.	US EPA ID N	umber	C. Facility s	Phone	,	.,. .,
	ARTESIA AERATION, L.L.C. MALJAMAR, NM	l						
11.	. Waste Shipping Name and Description				12.	Containers	13. Total	14. Unit
					<u> </u>	io. Type	Quantity	Wt/Vo
a.	KAE							
b.				· · · · · · · · · · · · · · · · · · ·		•	. ,	-
b.								
c.								
۱_								
d.					ŀ			
	Additional Descriptions for Materials listed Above				E Handling	Codes For Was	stes Listed Above	
				·				
15	. Special Handling Instructions and Additional Info	rmation .					,	
		sļ.						
							Tavi,	er Roje
16.	GENERATOR S CERTIFICATION: 1 certify the	materials described above on		subject to federal reg	ulations for repo	orting proper disp		
	Printed/Typed Name		Signature			** -	Month Day	∕ Yea I
17.	. Transporter 1 Acknowledgement of Receipt of M	laterials	- !			<u> </u>	:	<u> </u>
	Printed/Typed Name		Signature	1-1	L	and the second	Month Day	Yea
18.	. Transporter 2 Acknowledgement of Receipt of M	laterials	Const					
	Printed/Typed Name		Signature			And the second	Month Day	Yea l.
1	Discrepancy Indication Space				·			
	i de la companya de l							
1	Facility Owner or Operator. Certification of rece	ipt of wasted material covered	d by this manifest exc	cept as noted in Iten	า 19.			
	Printed/Typed Name		Signature				Month Day	Yea

NON-HAZARDOUS	1. Generator s US EPA ID N	U. [M	anifest Doc. No.	l <u>.</u> '	·			
WASTE MANIFEST 3. Generator's Name and Mailing Address	12:12:4:02:02:17	:		of 1				
Nevajo Reffuing Co. LLC				4.50	£	74	5	
PO Tex 159					•	171:	3	
Accesse, W. 80211-0159 4. Generator's Phone (375) 746-3313								_,
5. Transporter 1 Company Name	6.	US EPA ID Num	ber	A. Transpor	ters Phor	ne		
a recthore								
7. Transporter 2 Company Name	8.	US EPA ID Num		B. Transpor	ter s Phor	e		
	[
Designated Facility Name and Site Address	10.	US EPA ID Num		C. Facility s	Phone			
ARTESIA AERATION, L.L.C. MALJAMAR, NM	1	.ss.						
11. Waste Shipping Name and Description			· · · · · · · · · · · · · · · · · · ·	12	2. Contair	ers	13.	14.
Tr. Waste Shipping Name and Description				ŀ	No. 1	Туре	Total Quantity	Unit Wt/V
	· · · · · · · · · · · · · · · · · · ·				-	.,,,,,	Guariety	1
a. Confession Confessi							16 yes	
4 4					1			
(h		·		- +	+			-
b.								
						.		
					-		· · ·	+-
С.								1
1			•					1
<u> </u>	· · · · · · · · · · · · · · · · · · ·				• •,			
d.								İ
				ļ.				
D. Additional Descriptions for Materials listed Above			1.2				es Listed Above	
15. Special Handling Instructions and Additional Info	mation							<u></u>
J. J								
				**************************************	李			
16. GENERATOR S CERTIFICATION: I certify the	e materials described above on th	is manifest are not su		ulations for rep	porting pro	per dispo	sal of Hazardou	s Waste
		nis manifest are not su Signaturë		julations for rep	porting pro	oer dispo	sal of Hazardou Month Da	
16. GENERATOR S CERTIFICATION: I certify the		Signature		ulations for rep	porting pro	per dispo		
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name	Ny L	Signature	bject to federal reg	ulations for rep	porting pro	per dispo	Month Da	
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name	laterials.	Signature	bject to federal reg	ulations for rep	porting pro	per dispo	Month Da	y Ye Ç ∴
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of M	laterials.	Signature Co.	bject to federal reg	ulations for rep	porting pro	per dispo	Month Da	y Ye Ç ∴
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of M Printed/Typed Name	laterials.	Signature Co.	bject to federal reg	ulations for rep	porting pro	per dispo	Month Da	y Ye
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of M Printed/Typed Name	laterials faterials	Signature Co.	bject to federal reg	ulations for rep	porting pro	per dispo	Month Da	y Ye
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of M Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of M	laterials faterials	Signature Signature	bject to federal reg	ulations for rep	porting pro	per dispo	Month Da	y Ye
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of M Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of M	laterials faterials	Signature Signature	bject to federal reg	ulations for rep	porting pro	per dispo	Month Da	y Ye
16. GENERATOR S CERTIFICATION: I certify the Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of M Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of M Printed/Typed Name	laterials laterials	Signature Signature	bject to federal reg	t sand	porting pro	per dispo	Month Da	y Yea
16. GENERATOR'S CERTIFICATION: I certify the Printed/Typed Name 17. Transporter 1 Acknowledgement of Receipt of M Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of M Printed/Typed Name 19. Discrepancy Indication Space	laterials laterials	Signature Signature	bject to federal reg	t sand	porting pro	oer dispo	Month Da	y Yea

,

	ויטוויזוואבאווטטט	1. Generator s US EPA		Manifest Doc. N	1	I			
	WASTE MANIFEST 3. Generator's Name and Mailing Address	N/1004893/383	.7 ·	<u></u>	of	£			
	1. 1. 1. 1. 1. 1. 1. 1.					M A M	671	****	
	5. Transporter 1 Company Name S. Scotteets	6.	US EPA ID	Number	A. Trans	porter s Ph	one ·		
	7. Transporter 2 Company Name	8.	US EPA ID	Number	B. Trans	porter s Ph	none		
	Designated Facility Name and Site Address	10.		Number	C. Facilit	y s Phone			
	ARTESIA AERATION, L.L.C. MALJAMAR, NM	-1							
	11. Waste Shipping Name and Description					12. Conta	ainers	13. Total	14. Unit
						No.	Туре	Quantity	Wt/Vol
	a	· .				•.		To Age	
GENE	b.	Accorded to							
RAT	c.	, , , , , , , , , , , , , , , , , , ,						-	
O R					,				
	d.	`							
	D. Additional Descriptions for Materials listed Above	,			F Hand	ling Codes	For Was	tes Listed Above	
						.4-	1.3		
	15. Special Handling Instructions and Additional Inform	ation							
	16. GENERATOR S CERTIFICATION: I certify the ma	iterials described above	on this manifest are no	t subject to federal	regulations for	reporting p	roper disp	osal of Hazardous	Waste.
↓	Printed/Typed Name		Signature CE	Cara Sign	عيرا أن المساريان			Month Day	Year
Ţ	17. Transporter 1 Acknowledgement of Receipt of Mate	rials				i.	,		
TRANSP	Printed/Typed Name	¥.,	Signature	Care Company	Jan Jan Jan	Jan .		Month Day	Year
10	18. Transporter 2 Acknowledgement of Receipt of Mate	rials		e garage (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
RTER	Printed/Typed Name		Signature	·	,			Month Day	Year
FACI	19. Discrepancy Indication Space								
LIT	20. Facility Owner or Operator. Certification of receipt	of wasted material cove	ered by this manifest e	xcept as noted in	Item 19.				
Y	Printed/Typed Name		Signature		· · · · · · · · · · · · · · · · · · ·			Month Day	Year

Ī	NON-HAZARDOUS	Generator's US EPA ID	No.	Manifest Doc. No.					
	WASTE MANIFEST	refusconder?			of 🗼				
A	3. Generator's Name and Mailing Address				A Post		CNP S	k 27%	
	FO How 159 Artenia, No Secul-gase						78	U	
	4.0	•							
i h	4. Generator's Phone (375) 768-3323								·
l	5. Transporter 1 Company Name © Executes	6. I	US EPA ID N	umber	A. Transport	ers Pho	one		
		<u> </u>	<u> </u>						
H	7. Transporter 2 Company Name	8. 1	US EPA ID Ni	umber	B. Transport	ers Pho	one		
۱	Designated Facility Name and Site Address			<u> </u>	0.5	DI		·	
		.10.	US EPA ID N	umber	C. Facility s	Pnone			
1	ARTESIA AERATION, L.L.C.								
	MALJAMAR, NM	1							
	At Wests Official Name of Decision	1			12	. Conta	iners	13.	14.
Ц	11. Waste Shipping Name and Description					vio.	Туре	Total	Unit Wt/Vo
	_					10.	1,100	Quantity	74000
	a. _{nat}							10 yds	
						.			
) }	b.								
Ξ	.								
1	1,77 yr - 1,27				.	.			
! \	C.				-				
r	c.								·
Ŕ					.		.		
	d.								
1					.		.		
	D. Additional Descriptions for Materials listed Above				E. Handling	Codes	For Was	ites Listed Above)
l					İ				
l									
l				•					
l	15. Special Handling Instructions and Additional Inform	nation							
	70. Opecial Fightaning manufactors and Additional mion	nation							
l									
l									
	/								
l									
l									
	16. GENERATOR S CERTIFICATION: I certify the r	naterials described above on	this manifest are not	subject to federal rec	ulations for ren	ortina pr	oper disc	osal of Hazardou	s Waste.
l		Table and a decorate	Signature	1 1	1			Month Da	
ļ	Printed/Typed Name			ensis 111	MXUKL	√,		$-1 \le 1$ (193
T	17. Transporter 1 Acknowledgement of Receipt of Ma	terials				-2			المنابعة المالية
Ŕ	Printed/Typed Name	ioneio	Signature		 			Month Da	y Year
N S				<u> (f. 6.2)</u>	No.			1314	
P	18. Transporter 2 Acknowledgement of Receipt of Ma	terials	1,			,			
RANSPORTER	Printed/Typed Name		Signature	-	· · · · · · · · · · · · · · · · · · ·			Month Da	ay Yea
Ė								1 . 1 .	1 .
•	19. Discrepancy Indication Space		1	· ·					
F									
A C I									
L	20. Facility Owner or Operator. Certification of receip	t of wasted material covered	d by this manifest ex	cept as noted in Ite	m 19.				
T	or a partie of the parties of								
Ý	Printed/Typed Name		Signature				*·************************************	Month D	ay Yea
	,							1.1.	
			1						

4.

	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA I	D No.	Manifest Doc. No.	2. Page 1					
1	3. Generator's Name and Mailing Address		. X	,		8	778			
	Artemia, No SB211-0159				4 11 112					
	4. Generator's Phone(5万5) 74分+33	11.								
	5. Transporter 1 Company Name	6.	US EPA ID Nun	nber	A. Transpor	ters Phon	ө			
ı	S Drothers	.								
	7. Transporter 2 Company Name	8.	US EPA ID Nun		B. Transpor	ters Phon	e			
	9. Designated Facility Name and Site Address	10.	US EPA ID Nun		C. Facility 8	Phone		·		
	ARTESIA AERATION, L.L.C. MALJAMAR, NM									
	11. Waste Shipping Name and Description		·		12	. Contain	ers	13.		14.
١	The state of the s					No.	Гуре	Total Quantit	у	Unit Wt/Vol
	a									
1	PAP .							10	अप्रक	
							. .			}
i G	b.									$\neg \neg$
GENER										
E								:	•	
R							-	- :		
A	С.					1				
O R										
ı		 					<u> </u>		•	
	d.									
١		•			1					
	D. Additional Descriptions for Materials listed Abo					<u> </u>	<u> </u>		•	
						-				
1	15. Special Handling Instructions and Additional In	formation							٠,	
	,	•								•
									•	
	16. GENERATOR S CERTIFICATION: I certify the	e materials described above o	n this manifest are not su	bject to federal reg	ulations for rep	orting prop	er disposa	I of Haza	rdous V	Vaste.
	Printed/Typed Name		Signature	<u> </u>			·····	Month	Day	Year
\	Carrie Nervander		Can	J. 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	North Control of the Control	in.		1.1	5 to 5.	1.
Т	17. Transporter 1 Acknowledgement of Receipt of	Materials	The state of the s					<u> </u>		·
TRANSP	Printed/Typed Name		Signature					Month	Day	Year
N		12.00 12.00	100	The same of the sa					- 5	ا جر ا
P			The state of the s	<u></u>		•		لــــــــــــــــــــــــــــــــــــــ		L.C.
Ř	Printed/Typed Name	viacoliais	Cionatura					14	D	
ORTER	Tantour Types Hame		Signature					Month I	Day	Year
K	19. Discrepancy Indication Space	<u> </u>					·	<u> </u>		<u></u>
FACI			·	· · · · · · · · · · · · · · · · · · ·						
LITY	20. Facility Owner or Operator. Certification of rec	eipt of wasted material covere	ed by this manifest exce	pt as noted in Item	n 19.					
•	Printed/Typed Name		Signature					Month	Day	Year
				-				.		.

NON-HAZARDOUS	1. Generator s US EP		Manifest Doc. No.	2. Page			· · · · · · · · · · · · · · · · · · ·	_
WASTE MANIFEST 3. Generator's Name and Mailing Address	NAMA SATERIA	1.7		of	1		<u> </u>	
Save to see this co. ILC Po see 159	· N			9.5		877	Q	
Artesia, NA 88211-0159	4			16 to	es.	#P 8 8	**	
4. Generator's Phone (R75) // 768-383	1							
5. Transporter 1 Company Name	6.	US EPA ID	Number	A. Tran	sporter s P	hone		
8 Brothers				D 7		<u> </u>	<u> </u>	
7. Transporter 2 Company Name	8.	US EPA ID	Number	B. Iran	sporter s P	none) b) }	
9. Designated Facility Name and Site Address	10			C. Faci	lity s Phone).		
ARTESIA AERATION, L.L.C. MALJAMAR, NM	i i		D X		3			•
11. Waste Shipping Name and Description			<u> </u>		12. Con	tainers	13.	1-14
11. Waste Shipping Name and Description	- 1 - 21 - 1				No.	Туре	Total Quantity	Ur Wt/
a.							10 ya	73
(ME							200	
b.				·	• •	 	• • • •	+-
					ļ.,,			
Sold hide his	:							
c.		. 1						
		•		· •				
				<u> </u>	•	•	<u> </u>	+-
d.			•			1		
D. Additional Descriptions for Materials listed Above	,			E. Han	idling Code	s For Was	tes Listed Above	
	· ·							
	. 1							
15. Special Handling Instructions and Additional Info	rmation							
	- 1							
							u la La	
16. GENERATOR S CERTIFICATION: I certify the	materials described above	ve on this manifest are n	ot subject to federal reg	julations fo	or reporting	oroper disp	osal of Hazardou	s Wast
Printed/Typed Name	11	Signature			\$1.		Month Da	y Y
								. 1.
Carrie Gernandez	· .		was totall	model at h				
17. Transporter 1 Acknowledgement of Receipt of Ma	aterials		was to del	in the same of the		<u> </u>		1,5
	aterials	Signature	min Glide	and the second			Month Da	
17. Transporter 1 Acknowledgement of Receipt of Ma	9 2		mi Hu					
17. Transporter 1 Acknowledgement of Receipt of Ma Printed/Typed Name	9 2		man film	and the second				
17. Transporter 1 Acknowledgement of Receipt of Mane Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mane Printed/Typed Name	laterials	Signature	ma Eldu	and the second				
17. Transporter 1 Acknowledgement of Receipt of Ma Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Ma	laterials	Signature	was black	and the second				
17. Transporter 1 Acknowledgement of Receipt of Mane Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mane Printed/Typed Name	laterials	Signature	man film	and the second				
17. Transporter 1 Acknowledgement of Receipt of Mane Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mane Printed/Typed Name	laterials	Signature	was by dra	and the second s				
17. Transporter 1 Acknowledgement of Receipt of Mane Printed/Typed Name 18. Transporter 2 Acknowledgement of Receipt of Mane Printed/Typed Name	laterials	Signature Signature						

	NON-HAZARDOUS WASTE MANIFEST	1. Generator s US EPA ID	No. Manifest Doc.	. No.	2. Page 1 of 1			
4	3. Generator's Name and Mailing Address	1.4499.000.00.00.00.00.00.00.00.00.00.00.00.		5 -	ماد			
Î	80 Bon 159	1			NG	87	77	
	Artesia, NH 88211-0159	i	* 4 }			٠,	,,	
l	4. Generator's Phone (579) 768-333 5. Transporter 1 Company Name	1	US EPA ID Number	•	A. Transporter	e Dhone		
l	S Brothers	y. [7. Hanopertor			
	7. Transporter 2 Company Name	8.	US EPA ID Number		B. Transporter	s Phone		
	9. Designated Facility Name and Site Address	10.	US EPA ID Number		C. Facility s Ph	one		
	ARTESIA AERATION, L.L.C. MALJAMAR, NM							
	11. Waste Shipping Name and Description	4	1		12. 0	Containers	13. Total	14 Un
				<u> </u>	No.	Туре	Quantity	Wt/
	a. OAF			:			no Agr	
 G	b.	<u> </u>		•		- 		+-
E								1
ENER						·, . · .		
Ā	C. /						·	
Ö R)	· !				. .		
ĺ	d.							
l	l u], .		
l								1.
ŀ	D. Additional Descriptions for Materials listed About	ve	*		E. Handling Co	odes For Wa	stes Listed Above	
	1	v)						
١		• •						
1						<u></u>		
l	15. Special Handling Instructions and Additional Im	formation						
l		- 5						
l		. :						
l		F 1						
l								
l								
l	16. GENERATOR S CERTIFICATION: I certify the	e materials described above on t	· · · · · · · · · · · · · · · · · · ·	al regu	lations for reporti	ng proper dis		
Ţ	Printed/Typed Name Carrie Bernandez		Signature	. .	A production of the second	٠.	Month Day	Ye I
T		Materials	COLORUT	8 1, 40	<u> </u>	A	<u> </u>	
TRAN	Printed/Typed Name	, , , , , , , , , , , , , , , , , , ,	Signature		· · · · · · · · · · · · · · · · · · ·	- 0	Month Day	Υe
SPO			at the second second			<i>.</i>		
Ö R	18. Transporter 2 Acknowledgement of Receipt of	Materials					. Property gar	
RTER	Printed/Typed Name		Signature				Month Day	
R	19. Discrepancy Indication Space			- :-		<u> </u>		
			·	·	•	1.,	· · · · ·	
F A C		and the second s						
ACILI	20. Facility Owner or Operator. Certification of rec	eipt of wasted material covered	by this manifest except as noted in	n Item	19.			
ACIL	20. Facility Owner or Operator. Certification of rec	eipt of wasted material covered	by this manifest except as noted in	n Item	19.		Month Day	Ye



10450 Standiff 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

(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,

Electronically approved by: Rebecca L. Hunt

Jeffrey L Croston

Jeffrey L Croston

Project Manager

Certificate No: T104704231-06-TX

CLIENT: Navajo Refining Company

Project: DAF Disposal

Work Order: 0708424

Work Order Sample Summary

Date: August 24, 2007

<u>Lab Samp ID Client Sample ID Matrix Tag Number Collection Date Received Hold</u>

0708424-01 DAF Solid 8/13/2007 15:00 8/14/2007 09:00

CLIENT:

Navajo Refining Company

Work Order:

0708424

Project:

DAF Disposal

Lab ID:

0708424-01

Date: August 24, 2007

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
ANIONS BY ION CHROMATO	GRAPHY - SOIL		E300		Prep Date: 8/23/2007	Z 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
PAINT FILTER TEST			SW909	5A		Analyst: LMD
Free Liquid	No Free Liquid			Pos/Neg	1	8/20/2007

* - Value exceeds Maximum Contaminant Level

- P Dual Column results percent difference > 40%
- E Value above quantitation range
- H Analyzed outside of Hold Time

CLIENT:

Project:

Navajo Refining Company

Work Order:

0708424

DAF Disposal

Date: Aug 24 2007

QC BATCH REPORT

Batch ID: 25	205	Instrument ID ICS3000		Method	i: E300							
MBLK	Sample ID:	WBLKS1-082307					Uı	nits: mg/l	ζg	Analysis Da	ate: 08/23 /	07 19:26
Client ID:		Run	ID: ICS300	0_070823A		Se	qNo: 119 8	5750	Prep Date: 8/2	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: Sele	enate (surr)	48.66	1.0	50		0	97.3	85-115		0		
LCS	Sample ID:	WLCSS1-082307			• • • • • • • • • • • • • • • • • • • •		Uı	nits: mg/l	√ g	Analysis Da	ate: 08/23 /	07 19:48
Client ID:		Run	ID: ICS300	0_070823A		Se	qNo: 119	5751	Prep Date: 8/2	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: Sele	enate (surr)	50.53	1.0	50		0	101	85-115		0		
MS	Sample ID:	0708365-01AMS		Sales Control of Control			· U	nits: mg/l	√ g	Analysis Da	ate: 08/24	07 13:40
Client ID:		Run	ID: ICS300	0_070823A		Se	qNo: 1196	5296	Prep Date: 8/2	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		
	enate (surr)	47.03	0.97	48.54	,	0	96.9	80-120		0		
MSD	Sample ID:	0708365-01AMSD	2				U	nits: mg/ l	≺g	Analysis Da	ate: 08/24	/07 14:05
Client ID:		Rur	iD: ICS300	00_070823A		Se	qNo: 119	6297	Prep Date: 8/2	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: Sel	enate (surr)	47.02	0.97	48.54		0	96.9	80-120	47.0	3 0.0206	20	
DUP	Sample ID:	0708365-01ADUP	· · · · · · · · · · · · · · · · · · ·				· U	nits: mg/ l	Kg	Analysis Da	ate: 08/23 /	07 23:10
Client ID:		Rur	n ID: ICS300	00_070823A		Se	qNo: 119	6293	Prep Date: 8/2	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	8.6	2 0.225	20	
Surr: Sel	enate (surr)	47.23	0.97	48.54		0	97.3	85 ⁻ 115	47.1	3 0.206	20	
The follow	ng samples	were analyzed in this batcl	h: 0	708424-01A								

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

QC Page: 1 of 2

Navajo Refining Company

Work Order:

0708424

Project:

DAF Disposal

Batch ID: R53543	Instrument ID V	VetChem		Metho	d: SW909	95A	(Dis	solve)				
DUP Sample	e ID: 0708424-01ADU)					U	nits: Pos	/Neg	Analysis D	ate: 08/20	/07 0:00
Client ID: DAF		Run II	D: WETCH	HEM_07082	01	Sec	No: 119	2730	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 (100	

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

AUALLI TINIBURII TOURYICE

Chain of Custody Form 10450 Stancliff Rd. #210 Houston, Texas 77099

e-Lab Analytical, Inc.

(Tel) 281,530,5656 (Fax) 281.530.5887

, 0

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

Holland, Michigan 49424 e-Lab Analytical, Inc. 3352 128th Avenue (Tel) 616,399.6070 (Fax) 616,399,6185

PIOH* TRRP Checklist GOPackage: (Check)One Box Below) C. Parameter/Method Request for Analysis Results Due Date: \$ \$ 1 \$ 5 8 \$ H. \$ 8 8 5 m 8 8 5 4 8 8 ☐ Level III Std QC/Raw Data ☐ Level IV SW846/CLP San San Work Order # 1 Level II Std QC Other The State of # Bottles A State Brown Con the Date of the Control o 5emcArip Blank e-Lab Analytical Cooler ID e-Lab Project Manager: **A m** ပ် Щ ц 20 E 2:HNO3. 1:3:H;SO7 4:NgOH; 5:Na;S203 6:NaHSO4 77:Other 8-4/C 9:5035 Disposa Ð, Project Information Matrix \mathcal{O} Time Time 152 Shipment Method A PERSONAL PROPERTY OF THE PRO e-Mail Address Project Number A LINOICE Attn Address ". City/State/Zip * Project Name Bill To Company Sample Description 3. 7. 4. 4. 8. 8. 8. 8. 8. 8. 8. 8. 8. 9. 8. 9. 9. 9. Date Time: . Date: Customer Information dot & Sign 6 13 Preservative Key: * 1-HC SCompany Names Logged by (Laboratory): Send Report To Address Server · Clty/State/Zlp.+ 日本本語の中の中部を表現を 本本語の大語を本の中の日本の 本本語の大語を本本本の 「大語の大語を本本本の「「大語」 e-Wall Address Purchase Order No د**ن** دراء ູຕ, , co. - co.

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	2 8/14/07	Reviewed by SILLOT	
Matrix:	Cerrier name: <u>FedEx</u>		
Shipping container/cooler in good condition?	Yes 🗹	No Not Present	
Custody seals intact on shipping container/coo	eler? Yes 🗹	No Not Present	
Custody seals intact on sample bottles?	Yes	Na 🗌 Not Present 🗹	
Chain of custody present?	Yes 🔽	No 🗔	
Chain.of.custody.signed.when.relinquished.an	d-received?YesYes	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 complia		No 🗆	
Temperature(s)/Thermometer(s):	<u>4.2c</u>	002	1
Water - VOA vials have zero headspace?	Yes 🗌	No ☐ No VOA vials submitted ☑	
Water - pH acceptable upon receipt?	Yes	No □ N/A 📝	
	Adjusted? C	hecked by	
Login Notes:			
			_
Client contacted:	Date contacted:	Person contacted	
Contacted by:	Regarding:		
Comments:			

Corrective Action			

<u>હ</u>,

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

CUISTODY SEAL



10450 Standiff 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,

Electronically approved by: Rebecca L. Hunt

Jeffrey L Croston

Jeffrey L Croston

Project Manager

Seneral Accordance

Certificate No: T104704231-06-TX

Date: August 16, 2007

CLIENT:

Navajo Refining Company

Project:

DAF Disposal

Work Order:

0708282

Work Order Sample Summary

Lab Samp ID Client Sample ID

0708282-01 DAF

<u>Matrix</u>

Soil

Tag Number

Collection Date Date Received 8/13/2007 15:00

8/14/2007 09:00

<u>Hold</u>

SS Page 1 of 1

CLIENT:

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Lab ID:

0708282-01

Date: August 16, 2007

Client Sample ID: DAF

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

Matrix: SOIL

Analyses	Result		port imit	Units	Dilution Factor		Date Analyzed
TCLP MERCURY	ND	_	W7470		Prep Date:	8/15/2007	Analyst: JCJ 8/15/2007 1:47:46 PM
Mercury	ND	0.0	00200	mg/L	ı		6/13/2007 1.47.40 FW
TCLP METALS, ICP			W1311	/6020	Prep Date:	8/15/2007	Analyst: ALR
Arsenic	ND		0.0500	mg/L	10		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
TCLP SEMIVOLATILES		S	W1311	1/8270	Prep Date:	8/15/2007	Analyst: ACN
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
Cresols, Total	61		30	μg/L	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
TCLP VOLATILES		s	W1311	/8260B	Prep Date:	8/14/2007	Analyst: PC
1,1-Dichloroethene	ND	•	100	μg/L	20	0,1-1,2001	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

CLIENT:

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Lab ID:

0708282-01

Date: August 16, 2007

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	es es establishment	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
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			SW9045	В		Analyst: TH
pН	7.19		0.100	pH Units	1	8/15/2007

- * 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

CLIENT:

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Date: Aug 16 2007

Batch ID: 25	5068 Instrument ID Mercury		Method	: SW747	0					
MBLK	Sample ID: GBLKT1-081507		· · · · · · · · · · · · · · · · · · ·			Units: mg/	L	Analysis D	ate: 08/15	/07 13:14
Client ID:	Ru	ın ID: MERC	URY_070815	A	SeqNo: 11	89823	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 D	ate: 08/15	/07 12:55
Client ID:	Ru	ın ID: MERC	URY_070815	A	SeqNo: 11	89834	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				· • • • • <u>-</u>	Units: mg/	L	Analysis D	ate: 08/15	/07 12:57
Client ID:	Ru	ın ID: MERC	URY_070815	A	SeqNo: 11	89835	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/	<u>L</u>	Analysis D	ate: 08/15	/07 12:59
Client ID:	Ru	ın ID: MERC!	URY_070815.	A	SeqNo: 11	89836	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	0.005	16 4.76	5 25	
MS	Sample ID: 0708254-01BMS		·			Units: mg/	L	Analysis D	ate: 08/15	/07 13:06
Client ID:	Ru	in ID: MERC!	URY_070815	A	SeqNo: 11	89816	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
	0.00493	0.00020	0.005	-0.00001	16 98.9	75-125		0		
Mercury						Units: mg/	L	Analysis D	ate: 08/15	/07 13:08
MSD	Sample ID: 0708254-01BMSD							. ,		
		ın ID: MERC I	URY_070815	A	SeqNo: 11		Prep Date: 8	-	DF: 1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
MSD		un ID: MERCI PQL	_	A SPK Ref Value		89819 Control		-		Qual

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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Batch ID: 25068 Instrument ID Mercury Method: SW7470 DUP Sample ID: 0708254-01BDUP Units: mg/L Analysis Date: 08/15/07 13:03 Run ID: MERCURY_070815A Client ID: SeqNo: 1189815 Prep Date: 8/15/2007 DF: 1 RPD SPK Ref Control RPD Ref Value Limit Value Limit SPK Val %REC Qual Analyte Result %RPD 0 ND 0.00020 0-0 -0.000016 0 Mercury 20

The following samples were analyzed in this batch:

0708282-01A

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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Batch ID: 25	lnstrument ID IC	PMS02		Method	: SW131	11/6	020					
MBLK	Sample ID: MBLKT1-081407	,				_	U	nits: mg/l	_	Analysis D	ate: 08/15	/07 17:1
Client ID:		Run	ID: ICPMS)2_070815A		Se	qNo: 119 0	0263	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						Uı	nits: mg/l	_	Analysis D	ate: 08/15	/07 17:2
Client ID:		Run	ID: ICPMS)2_070815A		Se	qNo: 119 0)264	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			·			Uı	nits: mg/l		Analysis D	ate: 08/15	/07 17::
Client ID:		Run	ID: ICPMS	2_070815A		Se	qNo: 119 0	265	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		
_ead		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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Batch ID: 25	Instrument ID ICPI	MS02		Method	SW1311/6	020					
MS	Sample ID: 0708293-01AMS		V Making and a	a a a a a a a a a a a a a a a a a a a		U	nits: mg/l	_ <i>F</i>	nalysis Da	ite: 08/15 /	07 18:43
Client ID:		Run ID: I	CPMS	2_070815A	Se	qNo: 119 0	276	Prep Date: 8/15	/2007	DF: 10	
					SPK Ref		Control	RPD Ref		RPD	
Analyte	Re	esult	PQL	SPK Val	Value	%REC	Limit	Value	%RPD	Limit	Qual
Arsenic	0	.193	0.050	0.2	0.0004601	96.3	75-125	0			
Barium	0.0	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	0.2	2012	0.050	0.2	0.01973	90.7	75-125	0			
Lead	` 0.2	2013	0.050	0.2	0.005644	97.8	75-125	0			
Selenium	0.2	2181 (0.050	0.2	0.009863	104	75-125	0			
Silver	0.1	1717 (0.050	0.2	-0.002527	87.1	75-125	0			
MSD	Sample ID: 0708293-01AMSD					U	nits: mg/l	_ <i>P</i>	nalysis Da	ate: 08/15 /	07 18:49
Client ID:	•	Run ID: I	CPMS	2_070815A	Se	qNo: 119 (277	Prep Date: 8/15	/2007	DF: 10	
Analyte	Re	esult	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.1	1918 (0.050	0.2	0.0004601	95.7	75-125	0.193	0.624	25	
Barium	0.9	9347 (0.050	0.2	0.7502	92.2	75-125	0.9508	1.71	25	
Cadmium	0.1	1959 (0.050	0.2	0.001594	97.2	75-125	0.197	0.56	25	
Chromium	0.1	1957	0.050	0.2	0.01973	88	75-125	0.2012	2.77	25	
Lead	0.2	2006 (0.050	0.2	0.005644	97.5	75-125	0.2013	0.348	25	
Selenium	0.2	2191	0.050	0.2	0.009863	105	75-125	0.2181	0.457	25	
Silver	0.7	1644	0.050	0.2	-0.002527	83.5	75-125	0.1717	4.34	25	
DUP	Sample ID: 0708293-01ADUP		. Her very gran	· as . TENTO in many	and a second	U	nits: mg/l		nalysis Da	ite: 08/15 /	07 18:3°
Client ID:		Run ID: I	CPMS	2_070815A	Se	qNo: 119 0	274	Prep Date: 8/15	/2007	DF: 10	
Analyte	Re	esult	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic		ND I	0.050	0	0	0	0-0	0.0004601	0	25	
Barium	0.7		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	0.01	1939	0.050	0	0	0	0-0	0.01973	0	25	J
Lead	0.004	4559	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	

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

Navajo Refining Company

Work Order: Project: 0708282

DAF Disposal

Batch ID: 25077 Instrume	ent ID SV-3		Metho	d: SW827	′0					
MBLK Sample ID: SBLKT1-	70815					Units: µg/l	_	Analysis D	ate: 08/16	5/07 13:5
Client ID:	Run II	⊃: SV-3_0	70816A		SeqNo: 11	190903	Prep Date: 8	/15/2007	DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%RE	Control C 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	2 42-124	!	0		
Surr: 2-Fluorobiphenyl	75.53	0	100		0 75.5	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	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	3 20-120)	0		
LCS Sample ID: SLCST1-0	70815					Units: µg/L		Analysis D	ate: 08/16	3/07 14:22

Client ID:	Run II	D: SV-3_0	70816A		Sec	No: 119	0904	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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

QC BATCH REPORT

Batch ID: 25077	Instrument ID SV-3		Metho	: SW8270						
LCSD Sample ID:	SLCSDT1-070815	A COMMON MANAGE PROPERTY OF		***************************************	υ	nits: μg/L	. А	nalysis Da	ate: 08/16	07 14:49
Client ID:	Rur	n ID: SV-3_0	70816A	s	eqNo: 119	0905	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-Tribromophe	enol 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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Batch ID: R53443 Instrumer	nt ID VOA1		Metho	d: SW13 ′	11/8	260					
MBLK Sample ID: VBLKW-08	1507					U	nits: µg/L		Analysis D	ate: 08/15	/07 11:31
Client ID:	Run I	D: VOA1_	070815B		Sec	qNo: 119	0701	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		-						
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									2,14
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: VBLKTK1-0							nits: µg/L	_	Analysis D		/07 11:57
Client ID:	Run I	D: VOA1_	070815B		Sec	qNo: 119	0702	Prep Date: 8i	10/2007	DF: 20	
				SPK Ref			Control	RPD Ref		RPD	
Analyte	Result	PQL	SPK Val	Value		%REC	Limit	Value	%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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

QC BATCH REPORT

SPK Ref Control RPD Ref RPD	Batch ID: R53443 Instrume	ent ID VOA1		Method	d: SW13	11/82	260					
Analyte Result PQL SPK Val SPK Ref Value RPD Ref Value RPD RPD Limit Qual 1.1-Dichloroethene 1.1-Dichloroethene 1.1-Dichloroethane ND 100 1.1-Dichloroethane ND 100 200 2-Butanone ND 100 2-Butanone ND 100 2-Butanone ND 100 Chlorobenzene ND	MBLK Sample ID: VBLKTK2	2-081407		THE PARTY OF THE P		***************************************	U	nits: µg/L		Analysis D	ate: 08/15	/07 12:23
Analyte Result PQL SPK Val Value %REC Limit Value %RPD Limit Qual 1,1-Dichloroethene	Client ID:	Run II	D: VOA1_	070815B		Sec	No: 119	0703	Prep Date: 8	/14/2007	DF: 20	
1,4-Dichlorobersene ND 100 100 100 100 100 100 100 100 100 10	Analyte	Result	PQL	SPK Val			%REC			%RPD		Qual
1,4-Dichlorobenzene ND 100 2-Butanone ND 200 Benzene ND 100 Carbon tetrachloride ND 100 Chlorobenzene ND 100 Chlorobenzene ND 100 Chloroform ND 100 Trichloroethene ND 100 Trichloroethene ND 100 Vinyl chloride ND 100 Surr. 1,2-Dichloroethane-d4 1015 100 1000 0 102 72.4-125 0 0 Surr. 1-Bromofluoromethane 1020 100 1000 0 102 77.2-125 0 0 Surr. 1-Dibromofluoromethane 1023 100 1000 0 102 77.2-125 0 0 0 102 71.2-125 0 0 0 102 77.2-125 0 0 0 102 77.2-125 0 0 0 102 77.2-125 0 0 0	1,1-Dichloroethene	ND	100									
Sericon ND 200 Sericon ND 100 Sericon ND ND ND Sericon ND ND ND ND ND ND ND N	1,2-Dichloroethane	ND	100									
Benzene	1,4-Dichlorobenzene	ND	100									
Carbon tetrachloride ND 100 Chlorobenzene ND 100 Chloroform ND 100 Chlorobethene ND 100 Trichloroethene ND 100 Trichloroethene ND 100 Vinyl cloride ND 100 Surr. 1,2-Dickloroethane-d4 1015 100 1000 0 102 70-125 0	2-Butanone	ND	200									
Chlorotom ND 100 Chlorotom ND 100 Chlorotom ND 100 Chlorotom ND 100 Tetrachloroethene ND 100 Trichloroethene ND 100 Surr. 1,2-Dichloroethane-d4 1015 100 1000 Surr. 1,2-Dichloroethane-d4 1015 100 1000 1000 1002 72,4-125 0 Surr. 4-Bromofluorobenzene 1020 100 1000 0 102 72,4-125 0 Surr. 10-bromofluoromethane 1023 100 1000 0 102 72,4-125 0 Surr. Toluene-d8 1037 100 1000 1000 0 102 71,2-125 0 Surr. Toluene-d8 1037 100 1000 1000 0 104 75-125 0 LCS Sample ID: VLCSW-081507 Client ID: Result PQL SPK Val SPK Result PQL SPK Result PQL SPK Val SPK Result PQL SPK P	Benzene	ND	100									
Chloroform ND 100	Carbon tetrachloride	ND	100									
Tetrachloroethene ND 100 Trichloroethene ND 100 Vinyl chloride ND 100 Vinyl chloride ND 100 Surr: 1,2-Dichloroethane-d4 1015 100 1000 0 102 70-125 0 Surr: 1,2-Dichloroethane-d4 1015 100 1000 0 102 72,4-125 0 Surr: Dibromofluorobenzene 1020 100 1000 0 102 72,4-125 0 Surr: Toluene-d8 1037 100 1000 0 104 75-125 0 Surr: Toluene-d8 1037 100 1000 0 104 75-125 0 LCS Sample ID: VLCSW-081507 Client ID: Run ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 Analyte Result PQL SPK Val SPK Val Value RED Limit PValue DF: 1 Analyte Result PQL SPK Val Value RED Limit PVAL 0 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 2-Butanone 102.8 10 100 0 103 70-130 0 2-Butanone 192.8 10 100 0 103 70-130 0 2-Butanone 48.62 5.0 50 0 99.4 70-128 0 Carbon tetrachloride 54.52 5.0 50 0 109 70-130 0 Carbon tetrachloride 54.62 5.0 50 0 109 70-130 0 Carbon tetrachloride 54.62 5.0 50 0 109 70-130 0 Tetrachloroethene 50.24 5.0 50 0 100 70-130 0 Tetrachloroethene 50.24 5.0 50 0 100 70-130 0 Tetrachloroethene 50.24 5.0 50 0 96.8 72-127 0 Chlorobenzene 48.83 5.0 50 0 96.8 72-129 0 Trichloroethene 50.24 5.0 50 0 90.4 70-130 0 Tetrachloroethene 50.24 5.0 50 0 90.4 70-125 0 Trichloroethene 50.28 5.0 50 0 90.4 70-125 0 Trichloroethene 50.28 5.0 50 0 100 70-130 0 Tetrachloroethene 50.28 5.0 50 0 100 70-130 0	Chlorobenzene	ND	100									
Tetrachloroethene ND 100 Trichloroethene ND 100 Vinyl chloride ND 100 Vinyl chloride ND 100 Surr: 1,2-Dichloroethane-d4 1015 100 1000 0 102 70-125 0 Surr: 1,2-Dichloroethane-d4 1015 100 1000 0 102 72,4-125 0 Surr: Dibromofluorobenzene 1020 100 1000 0 102 72,4-125 0 Surr: Toluene-d8 1037 100 1000 0 104 75-125 0 Surr: Toluene-d8 1037 100 1000 0 104 75-125 0 LCS Sample ID: VLCSW-081507 Client ID: Run ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 Analyte Result PQL SPK Val SPK Val Value RED Limit PValue DF: 1 Analyte Result PQL SPK Val Value RED Limit PVAL 0 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 2-Butanone 102.8 10 100 0 103 70-130 0 2-Butanone 192.8 10 100 0 103 70-130 0 2-Butanone 48.62 5.0 50 0 99.4 70-128 0 Carbon tetrachloride 54.52 5.0 50 0 109 70-130 0 Carbon tetrachloride 54.62 5.0 50 0 109 70-130 0 Carbon tetrachloride 54.62 5.0 50 0 109 70-130 0 Tetrachloroethene 50.24 5.0 50 0 100 70-130 0 Tetrachloroethene 50.24 5.0 50 0 100 70-130 0 Tetrachloroethene 50.24 5.0 50 0 96.8 72-127 0 Chlorobenzene 48.83 5.0 50 0 96.8 72-129 0 Trichloroethene 50.24 5.0 50 0 90.4 70-130 0 Tetrachloroethene 50.24 5.0 50 0 90.4 70-125 0 Trichloroethene 50.28 5.0 50 0 90.4 70-125 0 Trichloroethene 50.28 5.0 50 0 100 70-130 0 Tetrachloroethene 50.28 5.0 50 0 100 70-130 0	Chloroform	ND	100									
Trichloroethene ND 100 Vinyl chloride ND 100 Surr: 1,2-Dichloroethane-d4 1015 100 1000 0 102 70-125 0 Surr: A-Bromofiluorobenzene 1020 100 1000 0 102 71.2-125 0 Surr: Toluene-d8 1037 100 1000 0 102 71.2-125 0 LCS Sample ID: VLCSW-081507 Fun ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 LCS Sample ID: VLCSW-081507 Fun ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 LCS Sample ID: VLCSW-081507 Fun ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 LCS Sample ID: VLCSW-081507 Fun ID: VCA1_070815B SeqNo: 1190700 Prep Date: DF: 1 LCS Sample ID: VLCSW-081507 Fun ID: VCA1_070815B SeqNo: 1190700 Prep Date: Date: No. 12												
No	Trichloroethene											
Surr: 1,2-Dichloroethane-d4	Vinyl chloride											
Surr: 4-Bromofluorobenzene 1020 100 1000 0 102 72.4-125 0	•			1000		0	102	70-125		0		
Surr: Dibromofiluoromethane 1023 100 1000 0 102 71.2-125 0 Surr: Toluene-d8 1037 100 1000 1000 0 104 75-125 0 LCS Sample ID: VLCSW-081507 Run ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 Client ID: Run ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 Lost ID: Run ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1 Lost ID: Carbon ID: VCA1_070815B SeqNo: 1190700 Prep Date: DF: 1 Analysis Date: 08/15/07 10:40 DE: 08/15/07 10:40 Client ID: Run ID: VOA1_070815B SeqNo: 1190700 Prep Date: DE: 08/15/07 10:40 Lost ID: 0701000 Prep Date: DE: 08/15/07 10:40 Analysis Date: 08/15/07 10:40 DE: 08/15/07 10:40 Pop Date: DE: 08/15/07 10:40 <												
Client ID: Sample ID: VLCSW-081507 Run ID: VOA1_070815B SeqNo: 1190700 Prep Date: DF: 1												
Result PQL SPK Val Value Val												
Result PQL SPK Val Value Val	LCS Sample ID: VLCSW-0	081507	and the second second	11.2 M		17 800 41	U	nits: ua/L		Analysis D	ate: 08/15	5/07 10:40
Analyte Result PQL SPK Val Value Value Control Limit RPD Ref Value RPD Limit Qual 1,1-Dichloroethene 49.96 5.0 50 0 99.9 73-124 0			D: VOA1	070815B		Sec			Prep Date:			
Analyte Result PQL SPK Val Value %REC Limit Value %RPD Limit Qual 1,1-Dichloroethene 49.96 5.0 50 0 99.9 73-124 0			_		0014.0				·			
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	Analyte	Result	PQL	SPK Val			%REC			%RPD		Qual
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 96.8 72-129 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	1,1-Dichloroethene	49.96	5.0	50		0	99.9	73-124		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 96.8 72-129 0 Surr: 1,2-Dichloroethane-d4 51.8 5.0 50 0 104 70-130 0 Surr: 4-Bromofluorobenzene 52.18 5.0 50 0 104 70-125 0 Surr: Dibromofluoromethane 52.53 5.0 50 0 105 71-125 0 <td>1,2-Dichloroethane</td> <td>52.01</td> <td>5.0</td> <td>50</td> <td></td> <td>0</td> <td>104</td> <td>76-120</td> <td></td> <td>0</td> <td></td> <td></td>	1,2-Dichloroethane	52.01	5.0	50		0	104	76-120		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	1,4-Dichlorobenzene	48.57	5.0	50		0	97.1	70-130		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	2-Butanone	102.8	10	100		0	103	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	Benzene	49.68	5.0	50		0	99.4	70-128		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	Carbon tetrachloride	54.52	5.0	50		0	109	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	Chlorobenzene	48.42	5.0	50		0	96.8	72-127		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	Chloroform	50.28	5.0	50		0	101	70-130		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	Tetrachloroethene	50.24	5.0	50		0	100	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	Trichloroethene	48.39	5.0	50		0	96.8	72-129		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	Vinyl chloride	45.21	5.0	50		0	90.4	70-130		0		
Surr: Dibromofluoromethane 52.53 5.0 50 0 105 71-125 0	Surr: 1,2-Dichloroethane-d4	51.8	5.0	50		0	104	70-125		0		
Surr: Dibromofluoromethane 52.53 5.0 50 0 105 71-125 0	Surr: 4-Bromofluorobenzene	52.18	5.0	50		0	104	72-125		0		
			5.0	50		0	105			0		
			5.0			0	106			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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Batch ID: R53443 Instr	ument ID VOA1	Method: SW1311/8260									·
MS Sample ID: 07082	06-01AMS			······································		U	nits: µg/L	, A	nalysis Da	ite: 08/15 /	07 14:05
Client ID:	Run II	D: VOA1_	070815B		Se	qNo: 119	0707	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	70-120	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	70-120	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	Ó			
					0	105	70-130	0			
Surr: 1,2-Dichloroethane-d4	1049	100	1000		_			0			
Surr: 4-Bromofluorobenzene	1027	100	1000		<u>0</u> 0	103	72-125	0			
Surr: Dibromofluoromethane	1049	100	1000			105	71-125				
Surr: Toluene-d8	1012	100	1000		0	101	75-125	0	•		
MSD Sample ID: 070820	06-01AMSD					U	nits: μ g/L	Analysis D		ate: 08/15 /	07 14:31
Client ID:	Run II	D: VOA1_	070815B		Sec	qNo: 119 6	709	Prep Date: 8/14	/2007	DF: 20	
Anglisto	Popult	BOI.	SPK Val	SPK Ref Value		%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Analyte	Result	PQL	SPK Vai			%KEC			70KFD		Quai
1,1-Dichloroethene	872.4	100	1000		0 *		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	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

The following samples were analyzed in this batch:

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

0708282-01A

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

QC BATCH REPORT

U - Analyzed for but not detected

E - Value above quantitation range

Navajo Refining Company

Work Order:

0708282

Project:

DUP

Analyte

DAF Disposal Batch ID: **R53385** Instrument ID WetChem Method: SW846, Chpt. Sample ID: 0708311-02D DUP Units: Analysis Date: 08/15/07 0:00 Client ID: Run ID: WETCHEM_070815E SeqNo: 1189790 DF: 1 Prep Date: RPD SPK Ref RPD Ref Control Value Value Limit Limit Result PQL SPK Val %REC %RPD Qual 0 Burns vigorously and persistently ND 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

0

0

0

0

0-0

0-0

The following samples were analyzed in this batch:

Ignites under std. temp and pressur

Ignites with moisture

0708282-01A

0

0

0

0

ND

ND

QC BATCH REPORT

0

0

0

0

0

0

QC Page: 10 of 11

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

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Batch ID: R53395 Instrument ID WetChem Method: SW9045B Sample ID: WLCSS-081507 Analysis Date: 08/15/07 0:00 LCS Units: pH Units DF: 1 Client ID: Run ID: WETCHEM_070815H SeqNo: 1189915 Prep Date: SPK Ref RPD Ref RPD Control Limit Value Value Limit Qual Analyte Result PQL SPK Val %REC %RPD рΗ 6.03 0.10 6 0 100 90-110 0 AUG Analysis Date: 08/15/07 0:00 Sample ID: 0708282-01ADUP Units: pH Units Client ID: DAF Run ID: WETCHEM_070815H SeqNo: 1189928 Prep Date: DF: 1 SPK Ref RPD Control RPD Ref Limit Value Limit Value %REC %RPD Qual Analyte Result **PQL** SPK Val рΗ 7.22 0.10 0 0-0 7.19 0.416 20

The following samples were analyzed in this batch:

0708282-01A

QC BATCH REPORT

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

ALITY - INTEGRITY - SERVICE
≃

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

Chain of Custody Form

***	ŏ
- 1	٦,
-	Page
ı	100
-	-0
•	

e-Lab Project Manager:

		The Chain of Custody is a Legal Document. All information must be completed accurately.
	Jo-	. All information
-	Разв	egal Document
		of Custody is a L
		The Chain

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

Mark Order #:

	Customer Information	-	Project Information	tion			Parameter/	Parameter/Method Request for Analysis	r Analysis	
**************************************		SERVINGET Name	04F D	roposal	A.	d721	NOA			
***** Order		Project Number			M	١,٧	Seme.	400		
*Company.Namer	Navaja	BIII TO Gompany			ě.	11	NEFE	L		
Send Report To	3.1 Brn	*****Invoice Attn			ţO:	RC	, 			
在 一		23.50	· ·		7.5 Ш					
***		Address			1.00 m					
Clb/State/Zlp.		giy/State/Zip			. 6					
の 日本 大学 大学 大学 大学 大学 大学 大学 大学 大学 大学 大学 大学 大学		本の 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本 日本			23	778747				
本本の を を の の の の の の の の の の の の の		無事事			***					
e-Wall Address		*e-Mall Address			**************************************		and the second s			
No. 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20	Sample Description : 13.	Line and the Manager of the Control	Time	Pres. # Bottles	Bottles	CANADA STATE OF THE STATE OF TH	14 4 4 D 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	京の H 本	THE PICTURE TO CALL SOLVE	Hold
140 F		8/13/03 1500			<u>بر</u>	7	ي ر			
201	and the second s									
	And the state of t					:				
· · · · · · · · · · · · · · · · · · ·										
	The state of the s									
* * * * * * * * * * * * * * * * * * *										
# 17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										
※ できた。 できる できる できる できる できる できる できる できる できる できる										
- O) 1										
* Tr										
pler(s)Please	Into & Signica to the transfer of the state	Subsection of the subsection o		Réculred Turnaround Time: (Chack Box) Koiner	Time: (Checi	K Box) KG	1.41 41 41 41 41	Section of the sectio	Results Due Date:	4. 数元子 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.
Relinguisting J.	9 ^{te:} [[3	- Afec			Note	Notes: Ped Con	Smolete	Perent		
Relinquighed 16:	Daffe:	Yes.	fived by (Laboratory	11 B	Q Q	18	w Kip Blank	GOPackaga: (ChāckCońa Box Balow) 88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Box Below) **	er colla er es es cklist
Logged by (Laboratory):	中国 (1995年)	Control of the state of the sta	cked by (abbratory):		447 349	And the second of the second o	の (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	☐ Level III Std QC/Raw Data ☐ Level IV SW846/CLP	ata THRP Lovel IV	2
Preservative Key: 1-HCI	Z-HNO3 STREET	5-Na ₂ S ₂ O ₃	6-NaHSO4 7-Other 8-4	ပ	9.5035	A de la companya de l	· 一大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	Other		
Note: 1. Any change	Note: 1. Any changes must be made in writing once sumples and COC Form have been submitted to e-Lab Analytical, Inc.	d COC Form have been su	ibmitted to e-Lab An	alytical, Inc.				Copyright 200	Copyright 2006 by e-Lab Analytical, Inc.	cal, Inc.

Note: 1. Any changes must be made in writing once sumples 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.

Sample Receipt Checklist

Client Name: NAVAJO REFINING			Date/Tin	ne Received:	8/14/2007 9:00:00 AM
Work Order Number 0708282			Receive	d by: RSZ	
Checklist completed by Kunt \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2 8/14/0	7	Reviewe	ed by Initiality	8/14/07
Matrix:	Carrier name: <u>Fedt</u>	<u>∃x</u>		V	·
Shipping container/cooler in good condition?	Yes	V	No 🗆	Not Present	
Custody seals intact on shipping container/cook	er? Yes	V	No 🗆	Not Present	
Custody seals intact on sample bottles?	Yes		Na 🗔	Not Present	
Chain of custody present?	Yes	\checkmark	No 🛄		
Chain.of.custody.signed.when.relinquished.and	received?Yes_	<u> </u>	No		
Chain of custody agrees with sample labels?	Yes	V	No 🗆		
Samples in proper container/bottle?	Yes	$ \mathbf{Z} $	No 🗆		
Sample containers intact?	Yes	$ \mathbf{V} $	No 🗆		
Sufficient sample volume for indicated test?	Yes	V	No 🗆		
All samples received within holding time?	Yes	✓	No 🗆		
Container/Temp Blank temperature in complian	ce? Yes	$ \mathbf{Z} $	No 🗀		
Temperature(s)/Thermometer(s):	4.2c		002		er en men en
Water - VOA vials have zero headspace?	Yes		№ 🗆	No VOA vials sub	mitted 🗹
Water - pH acceptable upon receipt?	Yes		No 🗆	N/A 🔽	
	Adjusted?	C	hecked by		AAAAA47
Login Notes:					
	<u></u> , , , , , , , , , , , , , , , , , ,				
					The control of the co
Client contacted:	Date contacted:			Person contacted	• • • • • • • • • • • • • • • • • • • •
Contacted by:	Regarding:				
Comments:					
					
		T			
Corrective Action					
					The state of the s
				TO 10 10 10 10 10 10 10 10 10 10 10 10 10	

<u>e</u>,

QUALITY-INTEGRITY-SERVICE

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

CUISTODY SEAL

Date: 3/13/7 Tirge: 1610

Name: JCF By 10

Company: Navign

Schilling Syr

CLIENT: e-Lab Analytical, Inc

Project: 0708282
Work Order: 0708365

Work Order Sample Summary

Date: August 16, 2007

<u>Lab Samp ID Client Sample ID Matrix Tag Number Collection Date Received Hold</u>

0708365-01 0708282-01B Soil 8/13/2007 15:00 8/15/2007 09:50

CLIENT:

e-Lab Analytical, Inc

Project: Work Order: 0708282 0708365 **Case Narrative**

Date: August 16, 2007

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

CLIENT:

e-Lab Analytical, Inc

Work Order:

0708365 0708282

Project: Lab ID:

0708365-01

Date: August 16, 2007

Client Sample ID: 0708282-01B

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

Matrix: SOIL

Analyses	Result	Report Limit	Qual	Units	Dilution Factor	Date Analyzed
CYANIDE, REACTIVE Cyanide, Reactive	ND	40.0	EPA 7.3	3.3.2 mg/Kg	1	Analyst: ED 8/13/2007
SULFIDE, REACTIVE Sulfide, Reactive	ND	40.0	EPA 7.3	3.4.2 mg/Kg	1	Analyst: ED 8/13/2007

^{* -} Value exceeds Maximum Contaminant Level

P - Dual Column results percent difference > 40%

E - Value above quantitation range

CLIENT:

e-Lab Analytical, Inc

Work Order: Project:

0708365

0708282

Date: Aug 16 2007

QC BATCH REPORT

Batch ID: R5	51623	Instrument ID	WETCHEM		Metho	d: EPA 7 .	3.4.2					
MBLK	Sample ID	MB-R51623	· · · · · · · · · · · · · · · · · · ·				Ú	nits: mg/l	≺ g	Analysis Da	ate: 08/1 3	/07 0:00
Client ID:	•		Run IC	: WETCH	HEM_07081	3M	SeqNo: 839 9	935	Prep Date:		DF: 1	
Analyte			Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfide, Read	ctive		ND	40	×							
		vere analyzed in			708365-01A							

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

Work Order:

0708365

Project:

0708282

Batch ID: R	51624	Instrument ID WETCHEM		Method	: EPA 7	3.3.2						
MBLK	Sample ID	WBLKW1081307			1.0		U	nits: mg/	Kg	Analysis D	ate: 08/13	07 0:00
Client ID:		Run ID	WETCH	IEM_070813	BN	SeqN	o: 839	943	Prep Date:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	9	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Re	active	ND	40									
LCS	Sample ID	WLCSW1081307	···				U	nits: mg/	Kg	Analysis D	ate: 08/13	07 0:00
Client ID:		Run ID	WETCH	IEM_070813	BN	SeqN	o: 839	944	Prep Date:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	9	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Re	active	352.3	40	620		0	56.8	2.8-70		0		
LCSD	Sample ID	WLCSDW1081307					U	nits: mg/	Kg	Analysis D	ate: 08/13 /	07 0:00
Client ID:		Run ID	WETCH	IEM_070813	BN	SeqN	o: 839	954	Prep Date:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	9	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Re	active	146.8	40	620		0	23.7	2.8-70	352	2.3 82.4	35	R
MS	Sample ID	0708253-02A MS	·				U	nits: mg/	Kg	Analysis D	ate: 08/13	07 0:00
Client ID:		Run ID	WETCH	IEM_070813	BN	SeqN	o: 839	952	Prep Date:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	9	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Rea	active	411	40	620		0	66.3	2.8-70		0		
MSD	Sample ID	0708253-02A MSD	*	•			U	nits: mg/	Kg	Analysis D	ate: 08/13	07 0:00
Client ID:		Run ID	WETCH	IEM_070813	IN .	SeqN	o: 839 !	953	Prep Date:		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	9	6REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Cyanide, Rea	active	146.8	40	620		0	23.7	2.8-70	4	11 94.7	7 35	R
The following	ng samples w	vere analyzed in this batch:	07	08365-01A								

QC BATCH REPORT

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



Subcontractor: e-Lab Analyticat, Inc. 3352 128th Ave.

Acct #: TEL: FAX:

Holland, Mi 49424

(616) 399-6070 (616) 399-6185

CHAIN-OF-CUSTODY RECORD

Date: Aug 14, 200 COC ID: 5412 Due Date 8/16/2007

Cus	Customer Information	P	Project Information			Para	Parameter/Method Request for Analysis	od Request	for Analys	sis		
Purchase Order		Project Name	0708282	Š V	A Cyanide, Reactive (SW-846)	active (S	W-846)					,
Work Order		Project Number		B Sut	B Sulfide, Reactive (SW-846)	ctive (SV	V-846)		:			
Company Name	e-Lab Analytical, Inc.	Bill To Company	e-Lab Analytical, Inc.	ပ						. :		
Send Report To	Jeffrey L Croston	Inv Attn	Accounts Payable	Ω							:	
Address	10450 Stancliff Rd, Suite 210	Address	10450 Stancliff Rd, Suite 210	ш	. :	,					. ·	
				ш								
City/State/Zip	Houston, Texas 77099-4338	City/State/Zip	Houston, Texas 77099-4338	တ	. :			. :				
Phone	(281) 530-5656	Phone	(281) 530-5656	I	:	•						
Fax	(281) 530-5887	Fax	(281) 530-5887	_				•			. ,	
eMail Address	jcroston@elabi.com	eMail CC	oelliston@elabi.com	ſ								
Sample ID	Matrix	Itrix Collection Date	on Date Bottle	¥	В	၁	D E	ш	9	Ξ	-	٦
0708282-01B (DAF)		Soil 8/13/2007 15:00	7 15:00 (1) 2OZGNEAT	×	×			*				

Comments:

Please analyze for Reactive Cyanide & Reactive Sulfide.

Relinquished by:

Received by: Date/Time

Date/Time

Report/QC Level

SIMPOT UPS Received by:
8/15/07-0950

Sample Receipt Checklist

Client Name <u>ELAB-HOU</u>				Date/Ti	me Rece	eived:	8/15/200	7 9:50:00 AM	
Work Order Number 0708365				Receive	ed by:	<u>AJK</u>			
Checklist completed by Signature	S/A	5/07	Z	Review	ed by	M	2	8/15/17 Date	
Matrix: Soil	Carrier name;	<u>UPS</u>					ŧ		
Shipping container/cooler in good condition?		Yes	y	No 🗌	Not	Present			
Custody seals intact on shipping container/coole	er?	Yes	✓	No 🗌	Not	Present			
Custody seals intact on sample bottles?		Yes		No 🗔	Not	Present	V		
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 complian-	ce?	Yes	V	No 🗀					
Temperature(s)/Thermometer(s):		1.6°C							
Water - VOA vials have zero headspace?		Yes		No 🗌	No VOA	vials sub	mitted S	2	
Water - pH acceptable upon receipt?		Yes		No 🗌	N/A	✓			
	Adjusted?		Che	ecked by			 -		
Login Notes:									
•									
Client contacted	Date contacted:				Person	contacted			
Contacted by:	Regarding:								
Comments:									
									•
·	**************************************								
Corrective Action									



1

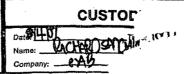
DWS ID Label

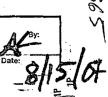
126981742310029625



e-Lab Analytical, Inc.

10450 Stancliff Rd., Suite 210 Houston, Texas 77099 Tel. 281,530,5656 Fax. 218,530,5887





\$ 5%80to

Jones, Brad A., EMNRD

From:

Moore, Darrell [Darrell.Moore@hollycorp.com]

Sent: To: Wednesday, February 06, 2008 2:38 PM 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 Bilogical 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>

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.

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

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:

- 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.
- 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

Tele: 505-476-3490 Fax: 505-476-3462



REFINING COMPANY, L.P.

FAX (505) 746-5283 DIV. ORDERS (505) 746-5481 TRUCKING (805) 746-5458 PERSONNEL

501 EAST MAIN STREET * P. O. BOX 159 ARTESIA, NEW MEXICO 88211-0159 TELEPHONE (505) 748-3911 FAX (505) 748-5419 ACCOUNTING (505) 748-5451 EXEC/MKTG (505) 746-5421 ENGINEERING (505) 746-5480 PIPELINE

August 30, 2007

Mr. Jim Wilson Artesia Acration, 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

Janes De Lander de la Contraction de la Contract

An Independent Refinery Serving . . .

NEW MEXICO • ARIZONA • WEST TEXAS • NORTHERN MEXICO

District.!
1625 N. French Dr., Hobbs, NM 88240
District.!!
1301 W. Grand Avenue, Artesia, NM 88210
District.!!!
> 1000 Rio Brazos Road, Aztec, NM 87410
District.!V
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	T SOLID WASTE
1. RCRA Exempt: Non-Exempt: X i ! Verbal Approval Received: Yes No	4. Generator Navajo Ratining C. 5. Originating Site Artesia NM
2. Management Facility Destination Artesia Acration	6. Transporter S Brothers
3. Address of Facility Operator	8. State NM
7. Location of Material (Street Address or ULSTR) Sol E Main Artesia	
9. Circle One:	
 A. All requests for approval to accept oilfield exempt wastes will be accompanied by one certificate per job. B. All requests for approval to accept non-exempt wastes must be accompanied by ne material is not-hazardous and the Generator's certification of origin. No waste cla approved 	ccessary chemical analysis to PROVE the
All transporters must certify the wastes delivered are only those consigned for transp	ort.
Estimated Volume 80 of week Known Volume (to be entered by the opera	
SIGNATURE TITLE: TITLE:	DATE:
TYPE OR PRINT NAME: TELEPI	HONE NO.
E-MAIL ADDRESS	
APPROVED BY: THE B	DATE:
APPROVED BY	DATE.

CLIENT:

Navajo Refining Company

Work Order:

0708282

Project:

DAF Disposal

Lab ID:

0708282-01

Date: August 16, 2007

Client Sample ID: DAF

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

Matrix: SOIL

UND 10: 0700202-01					Matrix: 2		
Analyses	Result	Qual	Report Limit	Units	Dilution Factor		Date Analyzed
TCLP MERCURY			SW7470	-	Prep Date:	8/15/2007	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1		8/15/2007 1:47:46 PM
TCLP METALS, ICP			SW131	1/6020	Prep Date:	8/15/2007	Analyst: ALR
Arsenic	ND		0.0500	mg/L	10		8/15/2007 5:47:00 PM
Berlum	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 6:47:00 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		8/16/2007 5:47:00 PM
TCLP SEMIVOLATILES			8W131	1/8270	Prep Date:	8/15/2007	Analyst: ACN
2,4,5-Trighlorophenol	ND		5.0	hâ\r	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
Cresols, Total	61		30	μg/Ĺ	1		8/16/2007 3:16:00 PM
Hexachlorobenzene	ND		5.0	h8\r	1		8/16/2007 3:16:00 PM
Hexachlorobuladiene	ND		5.0	μġ/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	ug/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
Sur: 4-Terphenyl-d14	65.6		51-135	%REC	1	١.	8/16/2007 3:16:00 PM
Sun: 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
TCLP VOLATILES			SW131	1/8260B	Prep Date:	8/14/2007	Analyet: PC
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
Banzene	ND		100	μg/L	20		8/15/2007 1:40:00 PM
Carbon tetrachloride	ND		100	μ g/ L	20		8/15/2007 1:40:00 PM
Chlorobenzene	ND		100	μg/L	20		8/15/2007 1:40:00 PM
Chlaroform	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
Trichtoroethene	ND		100	μg/L	20		8/15/2007 1:40:00 PM
Vînyl 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 secepted 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

Navajo Refining Company Cli

CLIENT: Work Order:

0708282

DAF Disposal

Project: Lab ID:

0708282-01

Date: August 16, 2007

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		7 <i>5</i> -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	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			SW9045	5B		Analyst: TH
pH	7.19		0,100	pH Unite	3 1	8/15/2007

Qualifiers:

ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value execeds 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

Nate:	Pa		7	R	7.00	įġ.	.00	1003	344	-010	100	- 1 m	365	10.	Tr.	18	400	1	4 000	66.0	36 85 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	105		20 H	\$27	7			
	13	Linguest to Papogatary)	Refinquist					13	.).:			3-47 17		***	11.7	19.00		1024	1	G.	2000		3		<u>-</u>	· ·	465		HAW!
Ally o	THE REAL PROPERTY.	2 de 1	A.		6.15										70	25.5	Add	***** **** *****	200	Sille			N.	温泉	Dales (O	\cdot	11.7		(TIB)
S office	E.	198		2											7	466	255	D		42	164	9)der			1100		
ES TILLI					Printa's	`									ľ	100	24 18-2-	77.34	-2-5-1	7	11000	6	7	2 15 Av 10	****	င္ဗ	And the second s		
जुड़ा विकास	O	07.6mg	÷		egista Egista																		som/			da	T C		91
nade:	23	44.44			2000											Des						120	7			er in	44		
ional Cray A	1948ONFE	44.04.4 44.04.4 44.04.4 44.04.4			40.00											퓿						R.				Customer Information			
al con	15.3	200 B	<u>-</u>	00 P	**************************************			l								tatte state in the south applicable and the second						1	-			alion		-	
Hack,	S	1	त्र		44.4				1							100													0456
mples		2 2 2 2 2			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			İ								400												281.5	Single And
and o	No.	E		-	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -											123												(Fax) 281.530.5887	ylical exos
COC:	17.5	Marie Line	Zime:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										11	34.5	÷10.	2314	20.35	385	7 46 Bred :	10233	¥314	:4±3	<u> </u>	Н		87	e-Lab Amlytical, Inc. 10450 Stancliff Rd. #210 Houston, Texos 77099
(Gran	10 A	3 4 4		M	5									}	3/1		Mai	4.6.5 WY.G.P		9:		5			20				210
have l	BOH: /: 5-Na.SO.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			210							.,		_	55	3	Add	10 to 50		8		urg estendir	METRICO, OF ING.					The (
 Any charges must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and contracts. 	6	1.57. "	Z		Shipppeod/Meditod				l						15.	1	888			Į,				il es				The Chain of Clustody is a Legal Document. All information must be completed accurately.	
ita), it	F-NARSON STATE Other:	a d	E	\ \mathref{s}{\mathref{s}}	¥ ,§				I						多	Jime (2			,	100.3	2412	0	3		Σ. Og	
161 10	SO			P			$\left \cdot \cdot \right $							_		134					ū i				*	jeci		tody i	O
e expe	1.1	No.			. 5 6 4 23										ひ	T. Suppose of									17.	Project Infomiation	The Control of the Co	e Les	Chain of Custody Form
Anal	· [章	1200			可謂		1									뚢					-,	-	<u> </u>	—	Jec	35.2		B	
	2	13333	\$		1947 1947										~@										000,000	S .	B		" ה
ine.	Ĉ	1 0 - 0 2 a	\equiv	-				Ì								12									50		0	# <u>A</u>	S
e tene	9.5		否		Bun									,		藩									Ž	0	N/A	infor	Ö Q
25 23 C	SÓBS::	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				•									`	Prest to M. Bottles										4			_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
cond	\$ 15.23	Continue of the state of the st	O.L.	No.	Required Jupratoluid Imper(Checkebod)							_			7	2	<u> </u>	(\$1 5)	光 意.	n:	ne de	(j.p.)	:35:		14.5	- 1	44: 44:	must	2
Sunif	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Possion									,			-									7	1.5.3	, Kek		3
slated	2.1		2	3					_						12	뿛						RC	3		(1)				
03 C	3 2 5 7			Complet	OBIB Mik Di										X	SECTION STATE						L.			P	2	4.0	15. 15. 15.	
e year	2 6 th 6 .		聖	le)	100			l	1						4	ė						'	Me	Some.	VOA		9	ialen	
led on the reverse	_	100 		1	100											ini							3	MC.	A	ter/	, F		
	Ottan	Level IN SIM OC/RAW Date	Tenel il Stor Oc	Penest	T.			-	\dashv							是可是特別(等)(并計2022)					-		6	100		Weath	2	~~	
. (ASAI P	13 86	EL	5			_								5								4		릷		S E	1352 1352
Copy/Juni Managara		BASCO	S		, T											ō									·	equi	Ĭ.	(Tel) 616.399.6070 (Fax) 616.399.6185	70, A
		1 P	One					İ								Ή					}				1	S	#	99.66	Aichi
			DX DR		6											3.0									ļ	Ž	اد	185	
		ā	COPackage: (Check, One Box Bobw) F	1	Districtions of the Properties of the Police	ļ																				Parameter/Method Request for Analysis	3	(Tel) 616.399.6070 (Tel) 616.399.6185	e-Lab Analyical, Inc. 3352 128th Avenue 3352 128th Avenue Holland, Michigan 49424
		ARP L	RAPC						_																	S IV	K	•	
	100 E	☐ TARP Level IV	TRAP Checkist													: : :			Ī								3		
	FI	10 T	5	2.7,						aritis.		d jare	% (j.,	-		ā		}								1		n ou	
		9	ď		533	ON.		1			M.A.				1450 VII. 625 July 1		-9 N	INI:	ЯFĖ	OLA	VAN	. 1	13AN	8	L0	UC.	118	JIIV	

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

TOTA BELLEVILLE A VILLE AND INITIAL CONTROL OF THE PROPERTY OF
COMPANY/GENERATOR: Navajo Refining
ADDRESS: 501 E Main Artesia NM 88211
GENERATING SITE: Attesia Plant COUNTY Eddy STATE NM
TYPE OF WASTE: Dissolved Ar Float
ESTIMATED VOLUME: 80 cy/week
GENERATING PROCESS: Petroleum Retining
REMARKS:
NMOCD FACILITY: Artesia Aeration
TRUCKING 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: AGENT: AGENT: PRINTED ADDRESS: P.O. Box 159 Artesia NM 8826
DATE: 8/17/07

	NON-HAZARDOUS WASTE MANIFEST	Generator's US EPA ID No	Manifest [Doc. No. 2. Page of	1		
^	3. Generator's Name and Mailing Address				2 87	57	
	4. Generator's Phone () Nau	ia Jo		,			
	5. Transporter 1 Company Name	6.	US EPA ID Number	A. Tran	sporter s Phone		
	5 Brothers						
! !	7. Transporter 2 Company Name	8.	US EPA ID Number		sporter s Phone		
	Designated Facility Name and Site Address	10.	US EPA ID Number	C. Faci	lity s Phone		
	ARTESIA AERATION, L.L.C. MALJAMAR, NM	· .					
	11. Waste Shipping Name and Description				12. Containers	13.	14.
	Tr. Waste Onpping Name and Description	\$ A			No. Type	Total Quantity	Unit Wt/Vol
	a. DAF					,	
	1)/4/						
G	b.						
GENER				•			
RAT	C. b						
O R							
	d.						
			. 3				
	D. Additional Descriptions for Materials listed Above		• *	E. Har	idling Codes For Wi	astes Listed Above	į
Ш	15. Special Handling Instructions and Additional Informa	ation	,				
					. •		
			*7,				
	16. GENERATOR'S CERTIFICATION: I certify the ma			ederal regulations fo	or reporting proper di		
	Printed/Typed Name		ignature			Month Da	y Year
Ţ	17. Transporter 1 Acknowledgement of Receipt of Mate	erials .	A	^	·		
RANS	Printed/Typed, Name My, 5 Murra	s	Signature	fr		Month Da	Year Y C S
P	18. Transporter 2 Acknowledgement of Receipt of Mate					/	· · · ·
RTER	Printed/Typed Name		ignature			Month Da	y Year
	. 19. Discrepancy Indication Space						·
F A C	Non HA	1-2-					
LIT	20. Facility Owner or Operator. Certification of receipt		this manifest except as not	ted in Item 19.			
Y	Printed/Typed Name	S	Signature			Month Da	y Year
	<u> </u>						

	- 2	NON-HAZARDOUS WASTE MANIFEST	 Generator's US EPA ID NMD048918817 	No.	Manifest Doc. No.	2. Page 1 of 1				
1	3.	Generator's Name and Mailing Address								
1	3	PO Box 159	0			No	8	372	2	
		Artesia, NM 88211-0159	•							
.		Generator's Phone (575) 748-3311	·6.	LIC EDA ID N		A Transpare	tara Dha			
		Transporter 1 Company Name S Brothers	· 6.	US EPA ID No		A. Transpor	iei s Filoi	ne		·
		Transporter 2 Company Name	8.	US EPA ID No	ımber	B. Transpor	ter's Phoi	ne.	 	
	٠.	Transporter 2 company rearre	ļ.,			2				
	9.	Designated Facility Name and Site Address	10.	US EPA ID No		C. Facility s	Phone			
		ARTESIA AERATION, L.L.C. MALJAMAR, NM	1							· », ,
	11.	Waste Shipping Name and Description				12	. Contair	ners	13. Total	14. Unit
							No.	Туре	Quantity	Wt/Vol
	a.	DAF		•		l		1	10 yds	
								.		
G	b.								······································	
G E N			•				1	=		
E R							.	.5		-
A	C.									
O R		·								
1	d.						•			
	u.		t .					.		
								.		
	D.	Additional Descriptions for Materials listed Above				E. Handling	Codes F	or Was	tes Listed Above	
1			*		•				•	
	15.	Special Handling Instructions and Additional Inform	ation							
П										
1										
	16.	GENERATOR S CERTIFICATION: I certify the ma	aterials described above on t	his manifest are not s	subject to federal req	ulations for rep	orting proj	ner disp	osal of Hazardous	Waste
		Printed/Typed Name		Signature	. 1 1	1	orang pro	por a op	Month Day	
\		Carrie Hernandez	•	ar	me Hun	and	Y			
TR	17.	Transporter 1 Acknowledgement of Receipt of Mate	erials	1						
RAN		Printed/Typed Name		Signature					Month Day	Year
S	4	hris Murray							_ 0.12.1	08
O R T	18.	Transporter 2 Acknowledgement of Receipt of Material Printed/Typed Name	eriais	Signature					Manth Dav	Vaar
ER		, micourtyped rednic		Jugnature					Month Day	Year
<u> </u>	19.	Discrepancy Indication Space								
_								٠		
FA			•							
C										
L	20.	Facility Owner or Operator. Certification of receipt	of wasted material covered	by this manifest exc	cept as noted in Iter	n 19.				
Y		District Cook No.		1					····	
		Printed/Typed Name		Signature					Month Day	Year

		NON-HAZARDOUS	1. Generator s US EPA ID N	0.	Manifest Doc. No.	2. Page	1			
	-	WASTE MANIFEST	NMD048918817			of	1			
A	3.	Generator's Name and Mailing Address Navajo Refining Co. LLC						A=16		
1		PO Box 159				N		872	23	,
		Artesia, NM 88211-0159					•			
	\vdash	Generator's Phone (575) 748-3311								
	5.	Transporter 1 Company Name	6. I	US EPA ID N	umber	A. Trans	sporter s Ph	ione		
	_	S Brothers		<u> </u>	<u> </u>					
11	7.	Transporter 2 Company Name	8. I	US EPA ID No		B. Trans	sporter s Ph	ione		
		Designated Facility Name and Site Address	10.	US EPA ID N		C Encil	ity s Phone			
	9.		10.	03 EFAID N	iniber	C. Facili	ily 3 i none			
		ARTESIA AERATION, L.L.C.								
		MALJAMAR, NM	1							
	_	Wasta Chinain Nama and Description		· · · · · ·		L	12. Conta	ainers	13.	14.
11	11	. Waste Shipping Name and Description					No.	Type	Total Quantity	Unit Wt/Vol
								17,5-	Goarnity	110101
	a.	DAF							10 yds	
								.		
G	b.									_
E	1	CELLY				}				
E									· · · ·	
R	c.									
TO			•							
R						_				
	d.									
	D.	Additional Descriptions for Materials listed Above				E. Hand	dling Codes	For Was	stes Listed Above	
	ļ	•								
		`r,								
								•		
	15	Special Handling Instructions and Additional Inform	nation							
		·				•				
} }										
			ř.							
	_									
	16	GENERATOR S CERTIFICATION: I certify the m			subject to federal reg	ulations for	reporting p	roper disp		Waste.
		Printed/Typed Name Carrie Hernandez		Signature ()	· 11.	A (2) A	Aa		Month Day	Year
1	-			Can	nu vi		<u> </u>		1 21	0.8
R	1/	. Transporter 1 Acknowledgement of Receipt of Mat Printed/Typed Name		Signature//					Month Day	Vans
A N S		nA uma NO al Boy		Signatule					Month Day	Year
P	15	Transporter 2 Acknowledgement of Receipt of Mat	oriale	- Lu	<i>[</i>	· · · -			1 77	<u> (/ /> _</u>
Ř	-	Printed/Typed Name		Signature					Month Day	Year
ORTER			•							.
\ <u>^</u>	10	Discrepancy Indication Space								L
1	"				•					
FA										
C			·							
L	20	. Facility Owner or Operator. Certification of receipt	of wasted material covered b	y this manifest exc	cept as noted in Item	19. '				
 			·							
Y		Printed/Typed Name		Signature					Month Day	Year
	1								1 1	1

WASTE MANIFEST Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159 Generator's Phone () Transporter 1 Company Name S Brothers Transporter 2 Company Name Designated Facility Name and Site Address	NMD04891881			of	0	872	À	_
Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159 Generator s Phone () Transporter 1 Company Name S Brothers Transporter 2 Company Name		LIS EPA II		N	0	272	A	
Artesia, NM 88211-0159 Generator's Phone () 748-331 Transporter 1 Company Name S Brothers Transporter 2 Company Name		LIS EPA II		""			_ (4)	
Transporter 1 Company Name S Brothers Transporter 2 Company Name		LIS EPA II			-		. ·	
. Transporter 2 Company Name	8	,. 00 Li 7 (ii) Number	A. Tran	sporter s Ph	one		_
	8		<u> </u>					
Designated Facility Name and Site Address	1		Number	B. Iran	sporter s Ph	one		
200.9	. 1	0. US EPA II	O Number	C. Facil	ity s Phone			
ARTESIA AERATION, L.L.C. MALJAMAR, NM								
Waste Shipping Name and Description				· · · · · · · · · · · · · · · · · · ·	12. Conta	iners	13. Total	T
					No.	Туре	Quantity	
DAF							10 yds	
								†
	•							\dagger
								1
	•			}		.		
D. Additional Descriptions for Materials listed Above	/e			E. Han	dling Codes	For Was	stes Listed Above	
							•	
								,
5. Special Handling Instructions and Additional Inf	ormation							
					•			
							•	
						•		
6. GENERATOR S CERTIFICATION: I certify the	e materials described abo	ove on this manifest are	not subject to federal	regulations fo	reporting pr	oper disp	oosal of Hazardous	W
Printed/Typed Name		Signature	× \		1		Month Day	
Carrie Hernandez			ance the	Marie	<u> </u>		<u> </u>	
7. Transporter 1 Acknowledgement of Receipt of I	Materials	Sizza Al	All of					
Printed Typed Name Murraus		Signature					Month Day	2
8. Transporter 2 Acknowledgement of Receipt of I	Materials		11812				0100	***
Printed/Typed Name		Signature					Month Day	,
O Disament Letterte C								
9. Discrepancy Indication Space							,	
O Equility Owner or Operator Oc. (Co.)	niet of words discussion	annead by the			·			
0. Facility Owner or Operator. Certification of reco	eipt of wasted material c	overed by this manifes	except as noted in I	tem 19.				

	NON-HAZARDOUS	Generator's US EPA ID No.	Manifest Doc. No.	of			
+.	WASTE MANIFEST 3. Generator's Name and Mailing Address	NMD048918817		1	1 .		
`	Navajo Refining Co. LLC PO Box 159			No	87	33	
١,	Artesia, NM 88211-0159 4. Generator's Phone ()			,			
1	5. Transporter 1 Company Name	6. US EPA I	D Number	A. Transpo	rter s Phone		
L	S Brothers		<u> </u>				
	7. Transporter 2 Company Name	8. US EPA I	D Number	B. Transpo	rter s Phone		
ŀ	Designated Facility Name and Site Address	10. US EPA I	D Number	C. Facility	s Phone		
	ARTESIA AERATION, L.L.C. MALJAMAR, NM	· .				•	
F					2. Containers	13.	14.
	11. Waste Shipping Name and Description			,	No. Type	Total Quantity	Unit Wt/Vol
-	a				,,,		
	DAF					10 yds	
	b						
	·						
	c.						
	d.						
		•	•				
	D. Additional Descriptions for Materials listed Above			E. Handlin	g Codes For Wa	stes Listed Above	
	15. Special Handling Instructions and Additional Inform	nation		1			
				•			
			•				
	16. GENERATOR S CERTIFICATION: I certify the m	naterials described above on this manifest are	not subject to federal reg	gulations for re	porting proper dis	posal of Hazardous	Waste.
	Printed/Typed Name Carrie Hernandez	Signature (anie Hun	andh		Month Day	Year
_	17. Transporter 1 Acknowledgement of Receipt of Mate		// Chica	w y		<u> </u>	
	Printed/Typed Name	Signature //	1111			. Month Day	Year
-	Thris Murray		BH			0.12.2	08
	18. Transporter 2 Acknowledgement of Receipt of Material Printed/Typed Name	Signature			·	Month Day	Year
						· ·	.
	19. Discrepancy Indication Space	;		•	·	······································	
-							
	20. Facility Owner or Operator. Certification of receipt	t of wasted material covered by this manifes	t except as noted in Iter	n 19.			
1	Printed/Typed Name	Signature				Month Day	Year
1			•				1

		NON-HAZARDOUS WASTE MANIFEST	Generator's US NMD048918	,	Manifest Doc. No.	2. Page 1				
<u> </u>	3.	Generator's Name and Mailing Address Navajo Refining Co. LLC					ــــــــــــــــــــــــــــــــــــــ	·		
1		PO Box 159	•			No		873	12	
		Artesia, NM 88211-0159								
	4.	Generator's Phone (575) 748~3311								
	5.	Transporter 1 Company Name		6. US EPA ID N	lumber	A. Transpo	rter s Ph	one		
		S Brothers								
	7.	Transporter 2 Company Name		8. US EPA ID N	lumber	B. Transpo	rter s Ph	one		
						0.5				
	9.	Designated Facility Name and Site Address		10. US EPA ID N	Number	C. Facility	s Phone		•	
		ARTESIA AERATION, L.L.C.								
		MALJAMAR, NM								
					· · · · · ·	1	2. Conta	iners	13.	14.
	11	. Waste Shipping Name and Description					No.	Туре	Total Quantity	Unit Wt/Vol
								.,,,,,	Quartity	11000
	а.	DAF	•						10 yds	
				•				.		
G	b.									
E										
E										_
A	c.									
0		·								
R							• •		<u> </u>	1
	d.	•								
							٠			
	<u>_</u>	Additional Descriptions for Materials listed Above				F 11		F \\\(\frac{1}{2}\)		.J
	U.	Additional Descriptions for Materials listed Above				E. Handiin	g Codes	ror was	tes Listed Above	
					<u> </u>					
	15	i. Special Handling Instructions and Additional Inform	nation							
							•			
1									•	
	10	. GENERATOR S CERTIFICATION: I certify the m	naterials described a	have on this manifest are ast	subject to fadoral roa	ulations for	norting r	oper dia-	ocal of Hazarday -	\Masts
	-"	Printed/Typed Name	Taterials described at	Signature	subject to lederal reg	luiations for re	porting pi	oper disp	Month Day	Year
V		Carrie Hernandez			- H.	44.01.01	A			
, T	17	. Transporter 1 Acknowledgement of Receipt of Mat	terials		Me Viac	W-GO KO A	1			.1 .
R	Ι.	Printed/Týped Name		Signature	ISA				Month Day	Year
N S P		Mris Murray		1'/0	1/10				01 23	\$C
0	18	3. Transporter 2 Acknowledgement of Receipt of Mat	terials							•
R T E		Printed/Typed Name		Signature					Month Day	Year
R		, , , , , , , , , , , , , , , , , , ,								<u> </u>
	19), Discrepancy Indication Space								
F										
A										
1	L	· .		,						
L	20	I. Facility Owner or Operator. Certification of receipt	t of wasted material	covered by this manifest ex	cept as noted in Iten	n 19.				
Y	_									
		Printed/Typed Name		Signature					Month Day	Year I

	NON-HAZARDOUS	Generator s US EPA	ID No.	Manifest Doc. No.	-	1			
	WASTE MANIFEST	NMD048918817			of	1	_		
Nava PO B	tors Name and Mailing Address jo Refining Co. LLC ox 159 sia, NM 88211-0159				N	0	873	31	
4. Genera	tor's Phone(.							
	orter 1 Company Name	6.	US EPA ID N	umber	A. Tran	sporter s P	hone		
S Br	others					<i>i</i> .			
7. Transpo	orter 2 Company Name	8. 	US EPA ID N	umber	B. Tran	sporter s P	hone		
9. Designa	ated Facility Name and Site Address	10.	US EPA ID N		C. Faci	lity s Phone	!		
	ESIA AERATION, L.L.C. JAMAR, NM						·		
11 Masto 9	Shipping Name and Description				1	12. Con	tainers	13.	14.
TT. Waste	ompping Name and Description	·				No.	Туре	Total Quantity	Unit Wt/Vo
a.							1		
DAF								10 yd:	S
b.									
b.									
								· ·, · ·	
c.									
	·								
d.							T .		
J.								-	
D. Addition	nal Descriptions for Materials listed Above				E. Han	Idling Code	s For Was	stes Listed Above	
							•		
15. Special	Handling Instructions, and Additional Infor	mation							
								•	
			٠		*				
									•
		•				ē			
									•
	RATOR S CERTIFICATION: I certify the Typed Name	materials described above of		subject to federal reg	ulations fo	or reporting p	proper disp		
1	ie Hernandez		Signature	mi Hu	ma.	mol.		Month Day	/ Yea I
	orter 1 Acknowledgement of Receipt of Ma	iterials				<i>Y</i>			
***	Typed Name (meriais	Signature / 0	<i>f</i> 1				Month Day	/ Year
hi	is Murray					Thresholds, and, a gra		10.12	3 10.8
18. Transp	orter 2 Acknowledgement of Receipt of Ma	iterials	C.						
18. Transpo	/Typed Name	,	Signature					Month Day	/ Yea
					,				. •
19. Discrep	pancy Indication Space								
:		• .							
								•	
20. Facility	Owner or Operator. Certification of receip	ot of wasted material cover	ed by this manifest ex	cept as noted in Item	n 19.		•		
	/Typed Name		Signature					Month D-	, Vac-
, inted	N =		Oignature .					Month Day	/ Year I.

		• ,	î î	ri			`\						
	NON-HAZARDOUS WASTE MANIFEST	1. Generator s US NMD0489188		P	Manifest Doc. No.	2. Page of							
1	3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159 4. Generator's Phone (575) 748-3311						Case	87 1	13				
	5. Transporter 1 Company Name S Brothers		6. US EPAID Number				A. Transporter's Phone						
	7. Transporter 2 Company Name		8. US EPA ID Number				B. Transporter's Phone						
	Designated Facility Name and Site Address		10. US EPA ID Number			C. Facility s Phone							
	ARTESIA AERATION, L.L.C. MALJAMAR, NM												
	11. Waste Shipping Name and Description					<u> </u>	12. Cont	ainers Type	13. Total Quantity	14. Unit Wt/Vo			
	a. CONT. DAF	*							10 yds				
I GENE	b.	-											
R A T O R	c.												
	d.												
	D. Additional Descriptions for Materials listed Above						E. Handling Codes For Wastes Listed Above						
						٠.							
	15. Special Handling Instructions, and Additional Info	mation			,								
									e.				
	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 CARLIE HERWANDET	2	Signa	ature Ca	Him	u	صمن	(<u> </u>	Month Day	y Year			
TRANSP	17. Transporter 1 Acknowledgement of Receipt of Management (Typed Name	30×	Signa	ature)	elle				Month Day	y Year			
O R T E R	18. Transporter 2 Acknowledgement of Receipt of Management of Management of Management of Management of Management of Receipt of Management of Management of Management of Management of Management of Management of Management of Management of Manag	aterials	Signa	ature					Month Day	y Yea			
FAC	19. Discrepancy Indication Space									,			
LLIT	20. Facility Owner or Operator. Certification of receipt of wasted material covered by this manifest except as noted in Item 19.												
Ÿ	Printed/Typed Name .		Signa	ature	*				Month Day	y Year			

	NON-HAZAKDOOS	s US EPA ID No 8918817	o.	Manifest Doc. No.	2. Page of	1 1							
A	3. Generator's Name and Mailing Address Navajo Refining Co. LLC PO Box 159 Artesia, NM 88211-0159 4. Generator's Phone (575) 748-3311	Pajo Refining Co. LLC Box 159 esia, NM 88211-0159						1					
	5. Transporter 1 Company Name S Brothers	6. 	US EPA ID N	lumber	A. Tran	nsporter s Pl	none						
	7. Transporter 2 Company Name	8. 	US EPA ID N	lumber	B. Tran	nsporter s Pl	none						
	Designated Facility Name and Site Address	10.	US EPA ID N		C. Faci	ility s _z Phone							
	ARTESIA AERATION, L.L.C. MALJAMAR, NM												
	11. Waste Shipping Name and Description				•	12. Cont	.	13. Total	14. Unit				
						No.	Туре	Quantity	Wt/Vol				
	DAF	ь.					·	10 yds					
GENE	CELL #4							·					
R	c												
T O R	NPFT						,						
	d.	ય											
	D. Additional Descriptions for Materials listed Above				E. Har	l	For Was	stes Listed Above					
	15. Special Handling Instructions and Additional Information				-								
	16. GENERATOR S CERTIFICATION: I certify the materials described	bed above on thi	s manifest are not	subject to federal reg	ulations fo	or reporting p	roper disp	oosal of Hazardous	Waste.				
	Printed/Typed Name (APRIE HERWANDE?		Signature Car	m Hu	-ei	nely		Month Day	Year				
T R	17. Transporter 1 Acknowledgement of Receipt of Materials					r							
A N S P	DHYMOND WBOX		Signature	und 1	W	18		Month Day	Year				
PORT	18. Transporter 2 Acknowledgement of Receipt of Materials		0										
T E R	Printed/Typed Name		Signature					Month Day	Year				
	19. Discrepancy Indication Space	, 1						 	!				
F A C													
L T	20. Facility Owner or Operator. Certification of receipt of wasted ma	iterial covered b	y this manifest ex	cept as noted in Iten	n 19.								
Y	Printed/Typed Name		Signature					Month Day	Year				

Company of the second

). 11.

NON-HAZARDOUS WASTE MANIFEST	Generator's US EPA ID No.	r	Manifest Doc. No.	2. Page	1									
3. Generator's Name and Mailing Address NATESIA NEMEXICAPO BO+ 159 4. Generator's Phone (\$75) 748 -3311				Nº 87			798							
5. Transporter 1 Company Name	6.	A. Transporter's Phone												
SBROTHERS		<u> </u>												
7. Transporter 2 Company Name	8. 	8. US EPA ID Number					B. Transporter's Phone							
Designated Facility Name and Site Address	10.						C. Facility's Phone							
ARTESIA AERATION, L.L.C. MALJAMAR, NM														
11. Waste Shipping Name and Description						ainers	13. Total		14 Ut					
DAE					No.	Type	Quantity	<u>'</u>	Wt/					
CON GOOD		•					10 11	25						
NPFL														
2.					,				\lceil					
CFLL Y									l					
l.		 												
			,						ĺ					
 Additional Descriptions for Materials listed Ab 	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		gnature .				· · · · · ·		Day	Y					
47.7		•					.1	3.0	6					
17. Transporter 1 Acknowledgement of Receipt on Printed/Typed Name		nature /					Month	Day	Y					
DAMMONIA 13	04	(1/1)	//				_ •/	30	10					
18. Transporter 2 Acknowledgement of Receipt of	f Materials	4												
Printed/Typed Name	Sig	gnature					Month	Day	Y.					
19. Discrepancy Indication Space			· · · · · · · · · · · · · · · · · · ·						1_					
20. Facility Owner or Operator. Certification of re	eceipt of wasted material covered by t	his manifest exc	cept as noted in Iten	n 19.										
Drinted/Tun-st N	<u> </u>				,									
Printed/Typed Name	Sig	gnature					Month	Day	Υ					

Jones, Brad A., EMNRD

From: Price, Wayne, EMNRD

Sent: Friday, February 08, 2008 2:54 PM

To: Moore, Darrell; Jim Wilson

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.

Cc:

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

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

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.

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