GW - 14

# INSPECTIONS & DATA

#### Chavez, Carl J, EMNRD

To:

Chavez, Carl J, EMNRD

Subject:

Lovington Refinery (GW-014) Note to File "Inspections"

Director announced that travel was being restricted for inspections with no overnights allowed until further notice.

Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505

Office: (505) 476-3490 Fax: (505) 476-3462

E-mail: CarlJ.Chavez@state.nm.us

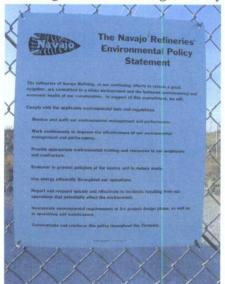
Website: <a href="http://www.emnrd.state.nm.us/ocd/">http://www.emnrd.state.nm.us/ocd/</a> index.htm (Pollution Prevention Guidance is under "Publications")



Driving South looking SW arriving at refinery



Looking due west from gate entry point.



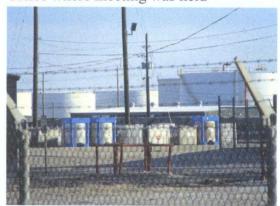
Entrance to refinery.



Looking SW at diesel fuel tank batteries



Office where meeting was held



Chemical storage area w/ secondary containment



Chemical storage area w/ secondary containment



Close-up of storage area



Process area with process drainage



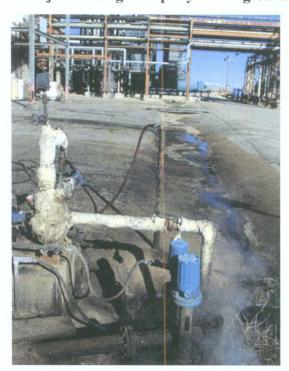
Close up of process area



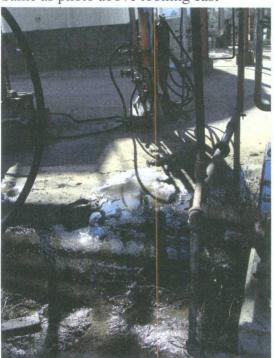
Closed sump storm water collection area w/re-route to treatment system



Housekeeping issue (debris in drain) evident along with cold weather conditions



Same as photo above looking east



Drainage in process area



Drainage in the process area w/ route back to API Separator



Housekeeping issue- debris in closed sump drain

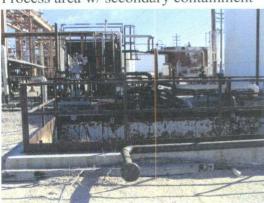
Inspector: Carl Chavez

Navajo Refining Company Lovington Refinery March 14, 2008

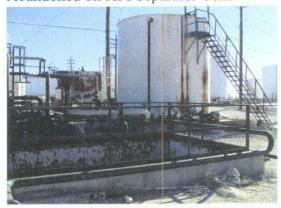


Process area w/ secondary containment

Process area w/ secondary containment



Abandoned oil API Separator Cells



Abandoned Old API Separator Cells



Inside Old API Separator Cell



Closed Sump



Chemical tote positioned over secondary containment



Soil staining around pump pushing fluids to tanks



C-141 Release of Diesel from Tk 1201D



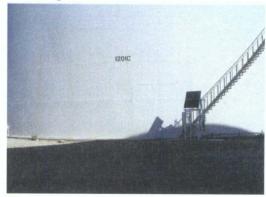
C-141 Release of Diesel from Tk 1201D



Close-up Tk 1201D



Close-up around Tk 1201D



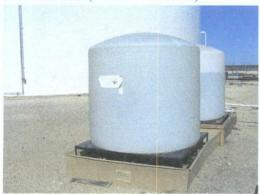
Tk 1201C Close-up

## Inspector: Carl Chavez

#### Navajo Refining Company Lovington Refinery March 14, 2008



Chemical storage tanks over secondary containment (1+1/3 vol. issue)



Close-up of Tks (1 + 1/3 vol. issue?)



Tank photo w/ FCC in background?



Tk perimeter close-up



Drums (cleaner chemical) temporarily stored within bermed unlined area during Tk cleaning



Close-up of drums (cleaner chemical) temporarily stored within bermed area lacking liner?



Close-up of tanks w/ berms surrounding tanks (1+1/3 vol. containment)



Close-up around Tk perimeter



Tank cleaner drums temporarily stored



Tank cleaner drums w/ roll-off waste containers in background



Tank being cleaned



Distillation tower in process area

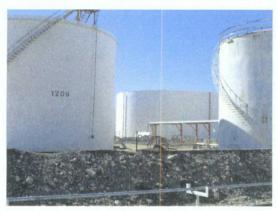


Looking South at tanks

Inspector: Carl Chavez

Navajo Refining Company Lovington Refinery March 14, 2008





Bermed tanks



Flare stack (> 150 ft. of non-vegetation zone for fire watch)



Base of flare stack West side of property



API Separator area

Notes: It appears that secondary containment liners within tank bermed areas are lacking. Refinery says they bermed entire perimeter of property in the event of a release (revisit this issue during DP renewal in 2008 and subsequent inspections). Possible issue w/ storm water run-off and overflow of releases onto non-process or stormwater drainage areas and lack of controls to prevent releases to stormwater, i.e., process area drainage to contain spills and route back to API Separator. Some housekeeping issues w/ debris in closed sump drains and process area drains.

**Inspector: Carl Chavez** 

Navajo Refining CompanyLovington Refinery December 15, 2007



Photo of railroad corridor running N - S



Chemical storage area w/ secondary containment



Process area



Soil staining in process area

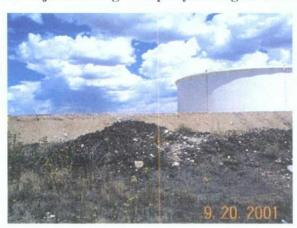


Process area



Discolored soils stockpiled on ground

Inspector: Carl Chavez Navajo Refining CompanyLovington Refinery December 15, 2007



Discolored soils stockpiled on ground

Notes: Some discolored soils in process area needed to be cleaned up. Required operator to remove discolored soils to permitted OCD facility and noted potential violation.



### REFINING COMPANY, LLC

(575) 746-5283 DIV. ORDERS (575) 746-5481 TRUCKING (575) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159 ARTESIA, NEW MEXICO 88211-0159 TELEPHONE (575) 748-3311 FAX (575) 746-5419 ACCOUNTING (575) 746-5451 ENV/PURCH/MKTG (575) 746-5421 ENGINEERING

April 8, 2008

Mr. Carl Chavez
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
Environmental Bureau
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED OF A PRINTED

RE: March 14, 2008 OCD Inspection Follow-Up or Clarification Items

Dear Mr. Chavez,

On March 24, 2008, Navajo Refining Company (Navajo) received an e-mail from you asking for follow-up on several items relating to the discharge permit for our Lovington facility. Below, I have answered each item in order.

1) Item 3 (Drum Storage): "All drums containing materials other than fresh water must be stored on an impermeable pad with curbing." The OCD noticed that an impermeable centralized pad area was constructed to store chemicals; however, there are plans to construct another impermeable pad area adjacent to the existing one to separate incompatible chemicals. Please provide the anticipated date of construction of the new impermeable pad along with a drawing that reflects the existing and new central pad storage areas. Also, any plans of new or anticipated expansion at the refinery should also be submitted to the OCD for review. The new pad will be constructed during the summer of 2008. The drawings for that pad are not finalized as yet but will be forwarded to OCD when they are completed. We have attached a drawing of the existing pad for your review. This drawing is very simple. The drawing for the new pad will be much more detailed.

There are currently no plans for expansion of the Lovington Refinery.

2) Item 5 (Above Ground Tanks): "All new facilities or modifications to existing facilities must place the tank on an impermeable pad within the

berm." The OCD informed Navajo Personnel that under the new permit, existing tanks containing chemicals or new tanks containing chemicals will need to be retrofitted or constructed with impermeable pads to satisfy new discharge permit conditions; however, the OCD will work with Navajo to request a schedule from Navajo identifying the tanks and phases for completing the above.

No response required

- 3) Item 8 (Below Grade Tanks/Sumps): Please provide proof of test data for sumps, since 2002. "All pre-existing sumps and below-grade tanks must be tested to demonstrate their mechanical integrity no later than December 15, 2002. and every year from tested date, thereafter."

  Navajo has enclosed inspection results spreadsheets and hydrotest sheets used by our maintenance department. After the February 19-21, 2007 OCD inspection in Artesia, spreadsheets were updated to include repair information and installation dates or date ranges, where known, and the addition of a "pass/fail" section at both facilities. Before that time, testing was done and any failures were repaired.
- 4) Item 9 (Underground Process/Wastewater Lines): Please provide 2007 test data for process and wastewater lines. "All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than December 15, 2002, and every 5 years, from tested dated, thereafter." Navajo has enclosed inspection results spreadsheets and hydrotest sheets used by our maintenance department. The underground process/wastewater lines at Lovington were tested in 2005 and early 2006. The next tests on that 5 year cycle will be started in 2010.
- 5) Item 10 (Class V Wells): Please provide proof of permit application and correspondence with NMED for septic system at the refinery. "Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department." There has not been a permit application made to the New Mexico Environment Department yet. We have had preliminary talks with John Wells in the Roswell office. Currently, we are in the process of moving the control room at Lovington into the main office building which will impact the number and size of systems needed. We will then send a Corrective Action Plan to Mr. Wells for his approval.
- 6) Item 12 (Spill Reporting): Please provide copies of all C-141 spill releases, since October 31, 2002. Identify releases where contamination was left in place or not removed as part of the spill release response.

  The OCD looked at the last C-141 incident near Tank 1201D where the sump leaked and diesel was released onto the ground migrating westward. Navajo informed the OCD that it recovered standing fluids,

but left the contaminated soil in place so as not to exacerbate the contamination due to the cobbly sediment nature of the ground throughout the refinery. Leaving contaminated soil or sediment in place is not an acceptable practice for dealing with releases. Spills are generally cleaned up using visual, olefactory, field PID and final samples (base and sidewalls of excavation) collected and sent to a lab for confirmation that the release was properly cleanup up. The OCD may require further corrective actions based on the C-141s requested above. Navajo would like to clarify in writing what was discussed with you at the time of the inspection concerning the spill south of 1201 D. The sump was overrun by crude oil. Navajo responded to this spill immediately and used a vacuum truck to pick up standing fluid. We then used a front end loader and picked up 5 roll-off bins of contaminated dirt (approx. 100 yds) from the area. We stated that, due to the rocky nature of the underlying material, it would be extremely difficult, if not impossible, to remove the contaminated rock due to its massive lithology. If we dig up the rock we would lose any protection this massive layer gives us in regard to the underlying sand. In effect, we would "create" a pathway for the contamination into the Ogalalla (which is the water bearing formation). In our opinion, removing the contaminated top soil and letting the sun and wind remediate the rock below is the much better, and frankly, more environmentally safe alternative. The contamination that was left on the underlying rock is minimal.

We have enclosed all C-141's from Lovington since October 31, 2002.

- 7) Item 13 (Waste Disposal): Please provide any new waste streams as part of the permit renewal and future expansion plans for the refinery. We have enclosed a list of all waste streams from the refinery.
- 8) Item 14 (OCD Inspections): Please ensure that there is a minimum one-hundred feet radius non-vegetation zone around the flare stack(s) at the refinery- especially now that the windy season has arrived in SE New Mexico. This item is being looked into. We believe that there is currently a 100 ft. radius around our flare. If not, we will ensure that this is maintained.
- 9) Item 18 (Vadose Zone and Water Pollution): Please provide ground water monitoring reports from MWs at the refinery, since the "Groundwater Monitoring & Remediation System Performance Report July 2001 June 2002." This appears to be the last groundwater monitoring report submitted by Navajo to the OCD? Those reports are attached.
- 10) Record keeping is not specified in the existing discharge permit, but will be included in the permit renewal. Please transfer the Lea Refinery

records from the Artesia Refinery to the Lea Refinery so they will be onsite for inspections, etc. from now on. We will make copies of the pertinent records and have them on file at Lovington.

If there are any questions concerning this submission, please do not hesitate to call me at 575-746-5281.

Sincerely,

NAVAJO REFINING COMPANY, LLP

**Darrell Moore** 

**Environmental Manager for Water and Waste** 

Encl.

Cc: Johnny Lackey, Environmental Manager Jim Resinger, Vice President-Navajo Refinery

File: Lovington Discharge Permit Lov 5E4B



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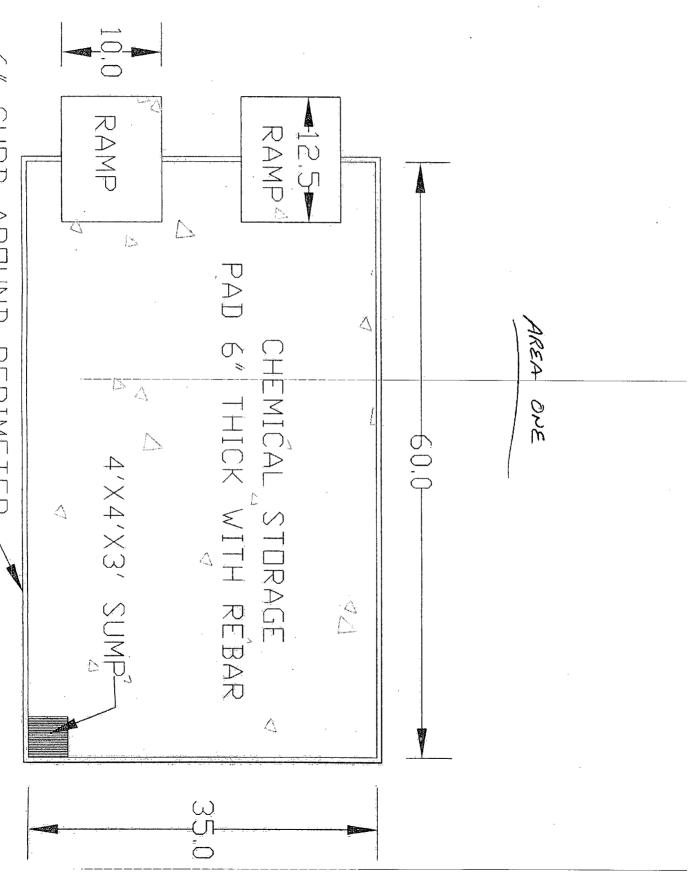
Darrell Moore

**Environmental Manager for Water and Waste** 

Encl.

Cc: Johnny Lackey, Environmental Manager
Jim Resinger, Vice President-Navajo Refinery

File: Lovington Discharge Permit Lov 5E4B



6" CURB AROUND PERIMETER---



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

\* Attach Additional Sheets If Necessary

#### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 Form C-141 Revised March 17, 1999

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

#### **Release Notification and Corrective Action**

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Name of Company	ijo Refini	ng Co. I	LC		Contact	arrell Moore		- 1 1 1 s			<del></del>
Address		· · · · · · · · · · · · · · · · · · ·			Telephon	No.	<del></del>	·		:	
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	on Refine	ry			1 active 1	Petroleum	Refiner	у			
Surface Owner			Minera	l Owner				Lease	No.		
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By Whom? Darrell M	loore				Date and H 3:30 pm	ou <b>r</b> 10/25/07					
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I hereby certify that the inf and regulations all operato endanger public health or to of liability should their oper water, human health or the compliance with any other	rs are require he environm trations have environmen	ed to report ent. The ac failed to ac t. In addition	and/or file certa eceptance of a C dequately invest on, NMOCD ac	ain releas 2-141 reptigate and ceptance	e notification ort by the NI I remediate c	s and perform co MOCD marked as ontamination that	rrective act "Final Rep pose a thre	ions for ort" doe at to gro	release s not re ound wa	s which i lieve the ater, surf	may operator ace
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Printed Name: Darrel	1 Moore				Approved t District Su						
Title: Env. Mgr for Wa	ter & Was	te			Approval [	Pate:	E	xpiration	Date:		
Date: 10/25/07		Phone: 5	75-746-5281		Conditions	of Approval:			At	tached	

District.I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

## State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 Form C-141 Revised March 17, 1999

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

#### Release Notification and Corrective Action

	Ö	PER	ATOR		∑ Initi	al Repo	rt [	Final Report	
Name of Company			Contact						$\Box$
Navajo Lea Refining C	o. LL	C	Σ	arrell Mod	re	·			
Address 7406 S. Main Lovington, NM			Telephone	575-748-	3311				
Facility Name			Facility T	уре			***		$\exists$
Lovington Plant				Petroleum	Refir	nery			
Surface Owner N	Aineral C	hyner				Lease	No		
Surface Owner	oniciai c	J 17 11C1				Lease	. 140.		
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Type of Release Crude Oil			Volume of 20 bb	Release		Yolum 5 bb	Recov	ered	$\neg$
Source of Release				lour of Occurrence	е			of Discovery	$\dashv$
Source of Release Sump at pipeline			10/10/0	7 8:00am		10/10	0/07	8:00am	_ }
Was Immediate Notice Given?  X Yes No	Nat Dam		If YES, To						
	Not Keq	unea		OCD voicema	ail-on	call	phon	ie	
By Whom? Doug Price			Date and F	lour 10/10/07	9.05 at	n.			
Was a Watercourse Reached?			If YES, Vo	olume Impacting t					$\dashv$
Yes X No			·		78.				j
If a Watercourse was Impacted, Describe Fully.*									$\dashv$
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Describe Cause of Problem and Remedial Action Taken.*									ᅱ
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up free oil.									- [
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Describe Area Affected and Cleanup Action Taken.* Are								-	ויכ
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taken. Waiting on results		•							
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I hereby certify that the information given above is true and and regulations all operators are required to report and/or fi									
endanger public health or the environment. The acceptance	of a C-1	41 rep	ort by the NI	MOCD marked as	"Final Re	port" do	es not re	lieve the operato	,
of liability should their operations have failed to adequately	investig:	ate and	remediate c	ontamination that	pose a thr	eat to gre	ound wa	ter, surface	
water, human health or the environment. In addition, NMC			of a C-141 r	eport does not rel	ieve the of	perator o	frespon	sibility for	-
compliance with any other federal, state, or local laws and/	oi regulai	ions.		OIL COME	EDVAT	TONE	NI OCI	ONI	$\dashv$
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Signature: Tuull Mol									- 1
Printed Name: Darrell Moore	1		Approved b						- {
Printed Name: Darrell Moore			District Su	pervisor:					
Title: Env. Mgr. for Waste & Water			Approval [	Pate:		Expiratio	n Date:		
Date: 10/18/07 Phone: 575~74	8-3311	, /	Conditions	of Appression			Att	ached	
Date: 10/18/07 Phone: 5/5-746 * Attach Additional Sheets If Necessary	JJ1	1	Conditions	of Approval:			l		



District 19 1625 N. French Dr., Hobbs, NM 88240 District III 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa-Fe, NM 87505

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Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

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

#### **Release Notification and Corrective Action**

	OPERATOR	Initial Report  Final Report
Name of Company Lea Refining Co.	Contact Darrell Moore	
Address	Telephone No. 505-746-528	31
Facility Name	Facility Type Refinery	
Surface Owner Mineral Owner		Lease No.
LOCATIO	ON OF RELEASE	
		/West Line   County
Latitude: 32 652 1381	N Longitudel03°18'00"W	
	E OF RELEASE	
Type of Release Naptha-Kerosene	Volume of Release Unknown	Volume Recovered 30bb1s
Source of Release Run Down Line	Date and Hour of Open herse	Date and Hour of Discovery 0/12/05
Was Immediate Notice Given?	If YES, To Whom?	
	Harry Johnson UCU	
By Whom? Darrell Moore Was a Watercourse Reached?	Date and Hour 10/13/05 8	
	If YES, Volume Impacting the Wa	atercourse.
☐ Yes ☑ No		
If a Watercourse was Impacted, Describe Fully.*		
	•	
Describe Course & Double and Double Assistant Tales # 7 / 1	1 1 1 1 1 1 2 1	a alamad off and from
Describe Cause of Problem and Remedial Action Taken.* Line de		
standing product was vacuumed up.	Line is being inspect	ed for potential rapan
replacement.		
Describe Area Affected and Cleanup Action Taken.* Affected	area is near the RO Un	oit and under nine rack
Crew will remove contaminated dirt		
samples will be analyzed.	which will be profile	ed for disposar: boccom
Samples will be analyzed.		
I hereby certify that the information given above is true and complete to	the best of my knowledge and unders	tand that nursuant to NMOCD rules and
regulations all operators are required to report and/or file certain release		
public health or the environment. The acceptance of a C-141 report by		
should their operations have failed to adequately investigate and remed		
or the environment. In addition, NMOCD acceptance of a C-141 repor	does not relieve the operator of respon	nsibility for compliance with any other
federal, state, or local laws and/or regulations.	<del></del>	
	OIL CONSER	VATION DIVISION
Signature: Signature:		
organitate.	Approved by District Supervisor:	
Printed Name: Darrell Moore	ripproved by District Supervisor.	
Title: Env. Mgr. for Water & Waste	Approval Date:	Expiration Date:
E-mail Addressdarrell.moore@navajo-refining.co	mConditions of Approval:	Attached
Date: 10/14/05 Phone: 505-746-5281		

\* Attach Additional Sheets If Necessary

Moistrict 1
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

#### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 Form C-141 Revised March 17, 1999

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

#### **Release Notification and Corrective Action**

OPER	ATOR Init	ial Report Final Report
Name of Company	Contact Denne 11 Magne	,
Navajo Refining - Lea	Darrell Moore Telephone No.	
Address P.O. Drawer 159 Artesia, NM	505-748-3311	
Facility Name	Facility Type	
Surface Owner Mineral Owner		Lease No.
Surface Owner Muleian Owner		Lease No.
LOCATION	OF RELEASE	, <del></del>
Unit Letter Section Township Range Feet from the North/	South Line   Feet from the   East/We	est Line County
NATURE O	F RELEASE	
Type of Release	Volume of Release	Volume Recovered
Diesel Source of Release	70 bbls.  Date and Hour of Occurrence	30 bbls.  Date and Hour of Discovery
Relief valve	12/7/03 4:00 am	12/7/03 4:00 am
Was Immediate Notice Given?	If YES, To Whom?	
Yes No Not Required	E.L. Gonzalez	
By Whom?  Darrell Moore	Date and Hour 12/7/03 1:00 pm	
Was a Watercourse Reached?	If YES, Volume Impacting the Water	course.
Yes X No		
If a Watercourse was Impacted, Describe Fully.*		
•		
	•	
Describe Cause of Problem and Remedial Action Taken.*		
•		
Relief valve was left open. When occurred.	pump was kicked on, the	release
occurred.		
Describe Area Affected and Cleanup Action Taken.* Area is nea	r TK103B. Vacuum truck	picked up 30bbls.
Liquid. 100yds. of contaminated s		
Bottom hole samples have been coll	ected. Awaiting result	s.
		· · · · · · · · · · · · · · · · · · ·
I hereby certify that the information given above is true and complete to the		
and regulations all operators are required to report and/or file certain releasendanger public health or the environment. The acceptance of a C-141 rep	ort by the NMOCD marked as "Final R	enort" does not relieve the operator
of liability should their operations have failed to adequately investigate and	d remediate contamination that pose a th	reat to ground water, surface
water, human health or the environment. In addition, NMOCD acceptance	of a C-141 report does not relieve the o	operator of responsibility for
compliance with any other federal, state, or local laws and/or regulations.	OH COMPERMA	FION DIVIDION
$\sim$ 10 M	OIL CONSERVAT	HON DIVISION
Signature: Aul Wyork		
Deleted Names Devel 12 Mary	Approved by	
Printed Name: Darrell Moore	District Supervisor:	·
Title: Env. Mgr. for Water & Waste	Approval Date:	Expiration Date:
Date: 12/17/03 Phone: 505-748-3311	Conditions of Approval:	Attached

NAVAJO REFINING COMPA

VISION BY									
12		*PEBOX	1007	BEVT	TEST	TEGYEO	7667		
SUMPS 10 # LOCATION	DESCRIPTION	DIMENSIONS	TEST DATE	TEST DUE	PASS / FAIL	ВҮ	METHOD		METHOD
83SUMP01 EAST OF COOLING TOWER, N	CONCRETE SCX	CONCRETE CAP	NIA	AW.					
	CONCRETE BOX	4' X 4' X 4', 3' X 32'-6' X 4'	AW	N/A					
3 83SUMPO3 AT CHEMICAL STORAGE PAD	CONCRETE BOX	4"x4"x4"	6/1/2004	6/1/2009					
4 83SUVPO4 (WAPHTHA SUMP) NORTH OF CONTROL ROOM	CONCRETE BOX		11/21/2007		PASS	GILES, INC.	HYDROXCHECK LEVEL		l
S 83SUMPOS SOUTH OF 400 8 401 CAUSTIC TANKS	CONCRETE BOX	4'x4'x4	11/21/2007		PASS	OLES INC	HYDROCHECK LEVEL		
6 83SUMP06 AT NON-HAZ PAD	CONCRETE BOX	4' x 4' x 4'	11/21/2007		PASS	GILES INC	HYDROXCHECK LEVEL		
7 83SUMP07 AT BUNDI E CLEANING PAD	FIBERGLASS DRUM	ROUND DRUM	11/21/2007		PASS	GILES, INC.	HYDHOICHECK LEVEL		
	CONCRETE BOX	10' X 20' X3'							
9 835UMP09 WEST OF TANK 1205 AT P-1235	CONCRETE BOX	2×2-6×:/2							
10 83SUMP10 SOUTH OF TANK 1208	METAL BOX	8: X 8: X 9"	NA	N/A					
11 835UMP11 NORTH OF JANK 1215	METAL BOX	3.X.T.X.T.	N/A	W.					
12 83SUMP12 WEST OF TANK 1200 AT P-1233	CONCRETE BOX	Z X 2 4 X 1/2"							
13 83SUMP13 WEST OF MAIN OFFICE BUILDING (OLD AIC CONDENSATE SUMP)	CONCRETE BOX	CONCRETE CAP							
14 83SUMP14 NW CORNER OF MAIN BUILDING (OLD A/C CONDENSATE SUMP)	CONCRETE BOX	3.x 5.x 2.	11/21/2007		FAIL	GILES, INC	HYDROICHECK LEVEL		NIA
								ļ	
1 HEP TRUCK UNLOADING EAST OF TANK 1201A						_			RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
Ļ								İ	RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
Ļ									RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
4 HEP AT RAILROAD LOADING SPUR ALONG HIGHWAY									
5 HEP SUMP LOCATED NORTH OF TRUCK RACK									RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
ļ_		_							RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
ļ									RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
L		-			_				RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
9 HEP AT PROVER MANIFOLD SOUTH AND EAST OF TANK 1201A									RESPONSIBILITY OF HEP - LAST TEST DATE UNKNOWN
			ļ.			-			
		-							
		_	_		_	_	_		_

. .



REVISED 2/23/2007	COUINGTON	
	TESTING INFORMATION  NO CORNEL OF MAIN SUILDING.	
UNIT NUMBER	OLD A/C (ONDENSATE SUM)	
DRAWING NUMBER		
LINE, BOX OR HUB NUMBER	83 SUMP 19	
TEST MEDIUM:	WATER	
TESTED STARTED AT	10:00 Aim	
TEST TERMINATED AT	1:00 Am.	
TEST PASS OR FAIL	FAIL	
REPAIRS MADE OR COMMENTS:	R Flow THE BOTTON Flook.	
	TEST ACCEPTANCE	<u> </u>
TESTING COMPLETED AND ACCE		
TEST REPRESENTATIVE:	CLEY MONTES GILES FAC.	
OCD REPRESENTATIVE:	CONTACTED BUT NOT PRESENT.	DATE:
Note: Notify Darrell Moore so he ca Note: Notify Darrell Moore of any to COPIES TO: ENVIRONMENTAL & E-DATAIMAINTE:NI23DATAIsewerdoc.WK4		itness testing (72 hrs notice required)



REVISED 2/23/2007	LOUINGTON	turasantini arang	W. (1)	
	TESTING INFORMATIO	<u> </u>		
UNIT NUMBER	BUNDLE GERNING PAG	)		
DRAWING NUMBER	#	<del></del>		
LINE, BOX OR HUB NUMBER	83 SUM? 07			
TEST MEDIUM:	WATER			
TESTED STARTED AT	9:45 A.M.			
TEST TERMINATED AT	1:45 P.n			
TEST PASS OR FAIL	Pess			•
REPAIRS MADE OR COMMENTS:				
BUNDLE CLEDNING POU	FIBER GLASS SUM	Pass TES	57.	
<u> </u>	TEST ACCEPTANCE			
TESTING COMPLETED AND ACCEPT	ED BY:			
TEST REPRESENTATIVE:	GEY MONTES PITTE		DATE: 11-81-07	
OCD REPRESENTATIVE:	CONTACTED BUT NOT PRE	SENT'	DATE:	
Note: Notify Darrell Moore so he can Note: Notify Darrell Moore of any test COPIES TO: ENVIRONMENTAL & MA	contact OCD's District Office & Santa that fails.		testing (72 hrs notice red	quired)



REVISED 2/23/2007	Califord
	TESTING INFORMATION
UNIT NUMBER	NOW-HAR-PAD
DRAWING NUMBER	
LINE, BOX OR HUB NUMBER	83 SUM706
TEST MEDIUM:	WATER
TESTED STARTED AT	9.30 p.m.
TEST TERMINATED AT	1:30 pm
TEST PASS OR FAIL	Pass
REPAIRS MADE OR COMMENTS:	
NOW-HAZ- PAD SUMP	Box 15 Good.
	TEST ACCEPTANCE
TESTING COMPLETED AND ACCEPT	
TEST REPRESENTATIVE:	CLEY NOWTES FILES INC. DATE: 11-61-07
OCD REPRESENTATIVE:	CONTACTED BUT NOT PRESENT DATE:
Note: Notify Darrell Moore so he can Note: Notify Darrell Moore of any test COPIES TO: ENVIRONMENTAL & M/ E:DATAIMAINTEN1/23DATAIsewerdoc.WK4	contact OCD's District Office & Santa Fe Office to witness testing (72 hrs notice required) that fails.



REVISED 2/23/2007	LOUNTON
	TESTING INFORMATION
	SOUTH OF
UNIT NUMBER	CAUSTIC TANKS GOOEGOI
DRAWING NUMBER	
LINE, BOX OR HUB NUMBER	1 8 SUMP 05
TEST MEDIUM:	WATER
TESTED STARTED AT	9:00 p.n.
TEST TERMINATED AT	1:00 P.n.
TEST PASS OR FAIL	Poss
Sun Box South	OF CAUSTIC TRAKS OF 400 & 901 (S 600).
	TEST ACCEPTANCE
TESTING COMPLETED AND ACCE	
TEST REPRESENTATIVE:	CLEY MONTES GALES INC. DATE: 11-21-07
OCD REPRESENTATIVE:	CONTRETED BUT NOT PRESENT. DATE:
Note: Notify Darrell Moore so he ca Note: Notify Darrell Moore of any te COPIES TO: ENVIRONMENTAL & N	

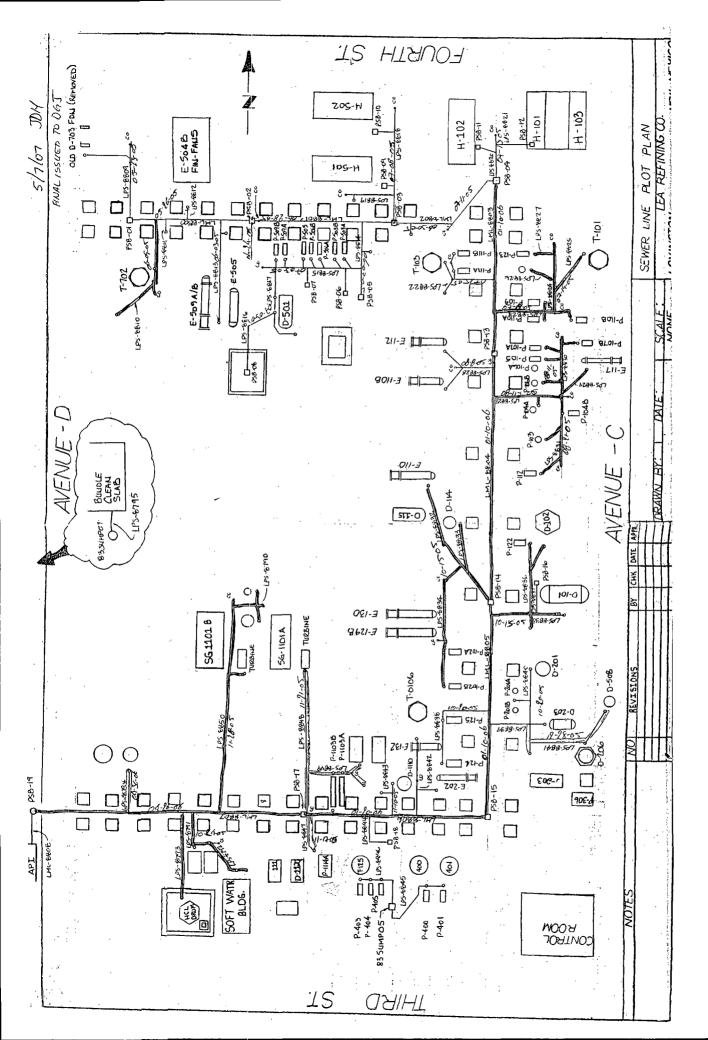


REVISED 2/23/2007		
	TESTING INFORMATION	
UNIT NUMBER	(LOVINGTON) NAPTHA SUMP) NORTH OF CONTROL ROOM	
DRAWING NUMBER		
LINE, BOX OR HUB NUMBER	SUMPT 83 SUMP 04	
TEST MEDIUM:	WATER	
TESTED STARTED AT	5:00 A:M.	
TEST TERMINATED AT	1:00 P.n	
TEST PASS OR FAIL	·	
REPAIRS MADE OR COMMENTS	S: RTN OF CONTROL ROOM IS 1004. F.C	202)
	TEST ACCEPTANCE	
TESTING COMPLETED AND ACC	CEPTED BY:	
TEST REPRESENTATIVE:	City HONTES FILES INC.	DATE: 11-81-07
OCD REPRESENTATIVE:	CONTACTED BUT NOT PRESENT:	
Note: Notify Darrell Moore so he Note: Notify Darrell Moore of an COPIES TO: ENVIRONMENTAL EXDATAMAINTEN123DATAMSewerdoc.WK4		witness testing (72 hrs notice required)

LOVINGTON REFINERY SEWER TESTING						
WER TESTING						
Material Material Materials and Santa COD's District Office and Santa	Office and Santa Fe Office to witness t	esting (72 hrs notice	required)			
DWG # LINE, BOX OR	TEST MEDIUM TEST TE	TEST	TEST	TESTED	TEST	COMMENTS / REPAIR METHOD
HUB#	CLEAN	DAIE	METHOD	BT BODBIGO 1184	PASSIFAIL	
		5/26/2005	CACVH	RODRIGO LIRA	PASS	
PLOT PLAN PSB#01 10 PSB#02 10 LPS#8812 10 LML#6600		6/3/2005	HYDRO	CLEY MONTES	PASS	
	WATER	6/7/2005	HYDRO	CLEY MONTES	PASS	
PLOI PLAN LANGE TO LEGISTAL TO LEGISTON	WATER	6/9/2005	HYDRO	CLEY MONTES	FAIL	
	WATER	6/10/2005	HYDRO	CLEY MONTES	PASS	REPLACED ENTIRE LINE/RETEST
	WATER	6/24/2005	HYDRO	CLEY MONTES	PASS	
DSR#08 TO	WATER	6/28/2005	HYDRO	CLEY MONTES	PASS	
1	WATER	6/30/2005	HYDRO	CLEY MONTES	PASS	
LPS#8815 T		7/3/2005	HYDRO	CLEY MONTES	PASS	
PSB#03 TO LP		2/8/2005	нурво	CLEY MONTES	PASS	
PLOI PLAN		7/11/2005	HYDRO	CLEY MONTES	PASS	
PSB#04 TO LPSB820 TI OSB#11 TO LPS#8821 TO						
PLOT PLAN	WATER	7/13/2005	HYDRO	CLEY MONTES	PASS	
⊢		7/15/2005	HYDRO	CLEY MONIES	FASS	
DI OT DI AN TO I PS#8823 TO LPS#8824 TO LPS#8825	#8825 WATER	7/19/2005	HYDRO	CLEY MONTES	FAIL	
LML#8803 T		8/2/2005	ОВОХН	CLEY MONTES	PASS	MADE REPAIRS/RETEST
	WATER	8/8/2005	HYDRO	CLEY MONTES	PASS	
+-		8/11/2005	HYDRO	CLEY MONTES	FAIL	
LML#8804 TO		8/20/2005	HYDRO	CLEY MONTES	PASS	MADE REPAIRS/RELES!
-		8/21/2005	HYDRO	CLEY MONTES	FAIL	TOTTER
PLOT PLAN LPS#8825 TO LPS#8831	WATER	8/29/2005	HYDRO	CLEY MONTES	FAIL	MADE KETARS/ACIES
PLOI PLAN PSB#14 TO LPS#8633 TO LPS#8632 TO LPS#8634		10/19/2005	HYDRO	CLEY MONTES	PASS	MADE REPAIRS/RETEST
┸		10/20/2005	HYDRO	CLEY MONTES	PASS	
┺		10/24/2005	HYDRO	CLEY MONTES	FAIL	
	WATER	10/30/2005	HYDRO	CLEY MONTES	PASS	MADE REPAIRS/RELEST
PLOT PLAN LML\$8806 TO LPS#8843	WATER	11/10/2005	HYDRO	CLEY MONIES	PASS	
	WATER	11/17/2005	HYDRO	CLEY MONIES	2000	
	WATER	11/21/2005	HYDKO	CLEY MONIES	TA33	
PLOT PLAN LML#8807 TO LPS#8850 TO LPS#8790	WAIEK	17/10/2005	OROLL	CLEY MONTES	PASS	MADE REPAIRS/RETEST
	COLUMN TO THE PARTY OF THE PART	12/10/2005	CGUAT	CIEV MONTES	FAII	
PLOT PLAN LML#8807 TO LPS#8893	WAIER	12/20/2005	HADBO	CI EV MONTES	PASS	MADE REPAIRS/RETEST
PLO! PLAN	WATER	12/28/2005	HYDRO	CLEY MONTES	PASS	
	WATER	1/6/2006	HYDRO	CLEY MONTES	PASS	
PSB#0						
PLOT PLAN PSB#114 TO LML#8805 TO PSB#15	WATER	1/10/2006	HYDRO	CLEY MONTES	FAIL	
PSB#04 TO LML#8803 TO PSB#13 TO PSB#04 TO PS PSB#04 TO PSB#04 TO PSB#15	4 TO	00000	CO	SELNON	0	Table (Server and Automated

	MADE REPAIRS/RETEST		MADE REPAIRS/RETEST							
FAIL	PASS	FAIL	PASS	PASS						
CLEY MONTES	CLEY MONTES	CLEY MONTES	CLEY MONTES	CLEY MONTES						
HYDRO	HYDRO	HYDRO	HYDRO	HYDRO						
1/20/2006	2/2/2006	4/26/2006	4/29/2006	4/30/2006						
WATER	WATER	WATER	WATER	WATER						
DOD#15 TO I MI #8806 TO DCR#17	DEB#15 TO : MI #8806 TO PSB#17	DOOR 17 TO LM #8807 TO PSB#19	DOUBLIT TO I MI HARRY TO PSCHIO	1 MI #8807 TO I PS8994						
ſ	S PLOI PLAN	SS PLOT PLAN	1	T	†				_	

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	A THE STING HINE	ORMATION : HELLI		THE WALL PROPERTY OF STREET			
	1			114,00			
UNIT NUMBER	COUNT TO N #	28		,			
DRAWING NUMBER	COUNTY TOSU SE			4			
LINE, BOX OR HUB NUMBER	PSB#0170 1PS#880	9					
TEST MEDIUM:	WARR						
TESTED STARTED AT	5.'00 Am						
TEST TERMINATED AT	1:00 Pm						
	Pass						
REMARKS TEST line of fis 8805 to SEWEN BOX PSB 01 INCLUDED 2 0.W.S.							
AND HOLDS 100%							
		EDTANGE DOLLAR		Marking Colors			
	ARTHUR ARTHUR DIFFEREN	BELANDE SAWAREN					
TESTING COMPLETED AND ACCEPTED BY:							
TEST REPRESENTATIVE:	1002160-1,80		DATE: 05-83-05				
OCD REPRESENTATIVE:			DATE:				
	· · · · · · · · · · · · · · · · · · ·						
COPIES TO: ENVIRONMENTAL DEP	T. ,	er er er Egeleit. Gebeure					



	A PARTIE STIME	AING A DINATIONS	CHARLES OF THE OWN	(CONTRACTOR CONTRACTOR)	ESTATE LA LA SESTIMA		
	THE WEST STREET	HIMMONUMARIUM		Principal and Company of the Company	MATSHEAT WISHING		
UNIT NUMBER	LOVINK TON	#83					
			-		4		
DRAWING NUMBER	LOUINGTON		- ,				
LINE, BOX OR HUB NUMBER	BD#0170 75	15#62 70 1758	1812 TO lone H	8800			
TEST MEDIUM:	WATER						
TESTED STARTED AT	10:00 pm		-				
TEST TERMINATED AT	2:00 pm						
	PASS						
REMARKS:							
South Hand Street with San conditions and Control for Street Street		vonenewyce se	67 (1890) <b>27</b> (1892) (1996	CONTRACTOR OF THE PROPERTY OF			
		COESUANCERS	Name (1995)				
TESTING COMPLETED AND ACCEPTED BY:							
TEST REPRESENTATIVE:	RODRILOTLAD	·	<u> </u>	DATE: 05-16-05			
OCD REPRESENTATIVE:			<u> </u>	DATE:			
	•						
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E:\DATAVAAINTEN\123DATA\sewerdoc,WK4				/			



	ver extension and the	SOUNTIAN SERVICE	HITCHING CONTROL	MARKET STREET	TELEFE SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADD
		NUMBER OF STREET			an material contract
UNIT NUMBER	CAINKTON #83			,	
DRAWING NUMBER	LOUNGTON SEWERS	<del>,</del>			4
LINE, BOX OR HUB NUMBER	IMIF 8800 TO 198#	<i>881</i> 3		•	·
TEST MEDIUM:	WATER				:
TESTED STARTED AT	9:00 Am				
TEST TERMINATED AT	1:00 pm				
	2011				
REMARKS: 785 SEWER IN	ES # 8800 TO 175 PM	8613 INCLUDED	2 ows.		
Horas 1007.			<del></del>	·	
	A STEST AGGE	PIPANCE PRIMITE			
TESTING COMPLETED AND ACCEPT	TED BY:				
TEST REPRESENTATIVE:	GEY NONTES		DATE: _60	6-03-05	
OCD REPRESENTATIVE:		<u> </u>	DATE:	.: 	
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E:VDATAMAINTEN(1231)ATAIsewerdoc,WK4		<del></del>	<del></del>		



	THE STINGING	DRMATION SHOULDS		
UNIT NUMBER  DRAWING NUMBER  LINE, BOX OR HUB NUMBER	LOUNTION # 83 LOUNT TON SEWES (ML#88#70 PSB#6	•		,
TEST MEDIUM:	WATEL			
TESTED STARTED AT	8:00 Am	<del></del>	•	
TEST TERMINATED AT	12:00 Pm			
	Pass			
REMARKS:				
h in a book sakes (Millianas) same sakenasianas sake	AND AND ARCHEST ARCH	DTANGERSHUMBER		
	CONTRACTOR CONTRACTOR			BALLES AL PARAMENTAL DE LA COMPANION DE LA COMP
TESTING COMPLETED AND ACCE	PTED BY:	• •		
TEST REPRESENTATIVE:	CREYNONTES	<u> </u>	DATE: 66-07-05	
OCD REPRESENTATIVE:			DATE:	
COPIES TO: ENVIRONMENTAL DEF	· .	eruntin gerinet		



	ON THE STING	HNEORMATION			
UNIT NUMBER DRAWING NUMBER LINE, BOX OR HUB NUMBER TEST MEDIUM: TESTED STARTED AT	LOUNTION PO LOUNT TON (MH8800 TO LP WATER 5:00 pm	163 Séweps	- - - - - - - - -	ALL PARKETS AND THE PARKETS AN	acessississississississississississississi
TEST TERMINATED AT	2:00 Pm		_		
	FAIL				
REMARKS JEST SEWER LIN	DE NCIUDED	10.w.s.	REPLACE	ENTITE LINE	on 6-10-09
	ELECTION A	GCEPTANGE			
TESTING COMPLETED AND ACCEPT			, .		The state of the s
TEST REPRESENTATIVE:	GEY MONTES		···	DATE: 06-09-0	ූර
OCD REPRESENTATIVE:			<u> </u>	DATE:	· · · · · · · · · · · · · · · · · · ·
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	TO PROCEEDING THE OR WATLOW SHIP WAY THE WIND HAVE THE WAY THE	Mantania anna
	1	
UNIT NUMBER	6.04126702 #83	,
DRAWING NUMBER	LOUINK TON SEWERS	4
LINE, BOX OR HUB NUMBER	(ml # 8850 TO LPS# 8810 TO LPS#8810	· · · · · · · · · · · · · · · · · · ·
TEST MEDIUM:	WATER	
TESTED STARTED AT	9:00 pm	
TEST TERMINATED AT	2:00?m	
,	Pass	
REMARKS: RETEST ENTIL	PE SEWER INC AND FOR ABLE TO HOLD WAS	₹ ¢ .
En la United and Marie Anna de Alberto (CAR) and the Anna Anna Anna Anna Anna Anna Anna Ann		Market Services
	AZ NEZ ATTESTAGGERTANGERRINNIN INDESTANTANTANTANTANTAN	
TESTING COMPLETED AND ACCEP	TED BY:	
. TEST REPRESENTATIVE:	GO NONTES DATE: 06-10-05	`
OCD REPRESENTATIVE:	DATE:	
		į
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	IN INCLUDESTING	INFORMATION				
	<u>.</u>				• • • • • • • • • • • • • • • • • • • •	
UNIT NUMBER	LOVINT TOW	#83				•
DRAWING NUMBER	LOUNG 70N S	SEWERS	•			4
LINE, BOX OR HUB NUMBER	PSB#02					,
TEST MEDIUM:	WATER					
TESTED STARTED AT	8:00 Am				,	
TEST TERMINATED AT	1:00 Pm					
	Pass					
REMARKS: TEST SEWER BY						
	The second secon		7717 St. 1 30 T DATE TO 100 E.		WK42604-100-684-684-6	
	TESTA	CCEPTANCE				
TESTING COMPLETED AND ACCEP	TED BY:	· .	4	•		
TEST REPRESENTATIVE:	City MONTES	· · · · · · · · · · · · · · · · · · ·	<u> </u>	DATE:	6-24-05	
OCD REPRESENTATIVE:			<u></u>	DATE:		dia
	,					
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E:VDATAMAINTEN(123DATA\sewerdoc,WK4						



	ALL CONTESTINGING	ORMATION SHEETING		
UNIT NUMBER	LOUNTON #83			,
DRAWING NUMBER	LOUINGTON SENS	- 13		*
LINE, BOX OR HUB NUMBER	BS #08 TO INITION	1 TO PSOPOS		,
TEST MEDIUM:	WATER			
TESTED STARTED AT	9.'00 Apr	and the same of th		
TEST TERMINATED AT	1:00 PM			:
	Pass			
REMARKS TEST SEWER LIE	IS INCLUDED TWO	SEWER BOKES.		
	,			
	# JESTAGO	PUANGERAUMAN		
TESTING COMPLETED AND ACCEPT	TED BY:			
TEST REPRESENTATIVE:	CIEY MONTES	<u> </u>	DATE: 06-28-05	
OCD REPRESENTATIVE:				
	·			
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	ACCUPATIESTING INFO	RMATION					
	ø		•		•		
UNIT NUMBER	LOUINGTON #83		••			,	!
DRAWING NUMBER	LOUING TON SEWE	25	<u>.</u> .			. 4	
LINE, BOX OR HUB NUMBER	7515#03 TO (ML# 88	302	_			·	
TEST MEDIUM:	WATER		-				
TESTED STARTED AT	8:00 pm	,	_				
TEST TERMINATED AT	1:00 Pm						
	Pass						
REMARKS TIST SEWEL LINE	12000=0 2 0.	. 2 44					
		DEANNAL			e de la compansión de la c	THE STREET	2213 LAND
	TESTIAGEE	FINNCEN	in the Karley of the Control of the	CHARLAR		HEADTH	HAME
TESTING COMPLETED AND ACCEPTE	ED BY:						
TEST REPRESENTATIVE:	ay NONTES		11 y	DATE: _	06-30-05	· · · · · · · · · · · · · · · · · · ·	
OCD REPRESENTATIVE:			<u> </u>	DATE: _			
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		AND AND AND SHOULD BE SHOULD BE	CARLO CONTRACTOR CONTR	MEL ASSESSMENT OF PROPERTY OF
UNIT NUMBER	lount DN #83			,
DRAWING NUMBER	LOUINE TON SEWER		·	#
LINE, BOX OR HUB NUMBER	LPS#8815 70 PSB#05-1	06-07 TO LPS 8817 TO 1PS	8816-TOPSISO8	
TEST MEDIUM:	WATEL			•
TESTED STARTED AT	8:00 Am			ļ
TEST TERMINATED AT	1:00 Pm			
	Pass			
REMARKS: TEST SEWEL IN	SES INCLUDED IS	FWEN BOXES AND	11 ows.	
				FETCHER PORCE CONT.
	E A CONTESTAGOE	MANGERSMULANTAN		
TESTING COMPLETED AND ACCEP	TED BY:	4 - 4		
TEST REPRESENTATIVE:	GEY NONTES	<u> </u>	DATE: 07-03-05	
OCD REPRESENTATIVE:		<u> </u>	DATE:	
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		1					
UNIT NUMBER		Lovent 200				,	
DRAWING NUME	BER	louns ron 5				4	
LINE, BOX OR H	UB NUMBER	BB#03 TOLDS # 8	1818 -0 LPS #8	1815 TO PS S#0.	g gsor10		
TEST MEDIUM:		WARR					
TESTED STARTE	D AT	8:00 AM					
TEST TERMINAT	ED AT	1:00 PM		—			
		PASS				···	
REMARKS	T SEWER IN	S INCLUDED	2 SENER BO	ord ANO	3. ow:5		
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		ave (v e hiestia)	CCERTANCES				77211313
TESTING COMP	LETED AND ACCER	PTED BY:				ACCES 10 10 10 10 10 10 10 10 10 10 10 10 10	PATRICAL
TEST REPRESE	NTATIVE:	REY MONTES		200 g s	DATE: 07-08-	.0	
OCD REPRESEN	ITATIVE:			<u></u>		:	
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	THE STING IN FO	RMATION THE WAY		MANUAL PROPERTY OF THE PARTY OF
	1			
UNIT NUMBER	LOUNKTON #83			,
DRAWING NUMBER	LOURTED SEWERS			of the second
LINE, BOX OR HUB NUMBER	LML # 8801 TO PS & OA			
TEST MEDIUM:	WATER	-		
TESTED STARTED AT	5:00 pm			
TEST TERMINATED AT	1:00 PM			
	Pass			
REMARKS: TEST SENER line	S /MINDED 10. W	<i>y-</i> <b>S</b> .		
	ZZ Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	DIANGESSIUMULTS		
TESTING COMPLETED AND ACCEPT	ED BY:			
TEST REPRESENTATIVE:	CLEX-MONTES	<u> </u>	DATE: 07-11-65	
OCD REPRESENTATIVE:			DATE:	,: ,
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	THE STING IN FORMATION THE WINDS	
	1	
	OURN TON # 83	•
DRAWING NUMBER	DUNKTON SEWERS	d = 1
LINE, BOX OR HUB NUMBER	SB# 04 70 (\$5 8800 po 75 5 # 11 70 ( PS# 8821 ?	PSO#12
TEST MEDIUM:	WATER	•
TESTED STARTED AT	9:00 pm	
TEST TERMINATED AT	1:00 Pm	
	Poss	
REMARKS: 7257 SEWER INVES	MINDED 10.05. AND 2 SEWER	BOXES.
	ZIVA ZETESTIA COERTANGE DE RUMANESE.	
100 Dec 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ALL DESIGNATION OF THE PARTY OF	
TESTING COMPLETED AND ACCEPTED	•	
TEST REPRESENTATIVE:	City MONTES	DATE: 07-13-05
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A STATE OF THE STA	THE THE PROPERTY OF THE PROPER	BATHER TO BE THE THE THE THE THE THE THE THE THE TH
UNIT NUMBER	LOURTION #83	,
DRAWING NUMBER	LOUING TON SEWERS	4
LINE, BOX OR HUB NUMBER	15#88llno love 8803	
TEST MEDIUM:	WATEL	
TESTED STARTED AT	5.'00 pm	
TEST TERMINATED AT	1:00 PM	
·	<b>JOS</b> S	
REMARKS: TEST SAUER LINE	/	
Source and the second s	······································	
	THE RESERVE OF THE PROPERTY OF	
TESTING COMPLETED AND ACCEP	TED BY:	
TEST REPRESENTATIVE:	GLY NONTES	DATE: 07-15-0
OCD REPRESENTATIVE:		DATE:
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	A THE STING INFORMATION AND UNITED IN	
UNIT NUMBER  DRAWING NUMBER  LINE, BOX OR HUB NUMBER  TEST MEDIUM:	LOUNG TON #83  LOUNG TON SEWELS  LML BROWTO (PS#8823TO LPS#881670 (PS#8	88570 LPS F8887701 PS+18886
TESTED STARTED AT	10:00 PM	
TEST TERMINATED AT	2:00 Pm	
	LEAKS	
REMARKS: TEST SEWER	lINES INCLUSED 7.0 W.S.	
RT OUT OF ACTION	SPORTE /INE TO PERPIR	
	FINAL STEST AGGERTANGE BUILDING	
TESTING COMPLETED AND ACCE	PTED BY:	
TEST REPRESENTATIVE:	CLEY MONTES	DATE: 07-19-05
OCD REPRESENTATIVE:		DATE:
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	<b>建筑。</b> 等如ESINGINEORMATION等排出进行。
UNIT NUMBER	lours now #83
DRAWING NUMBER	LONGESTON SEWERS
LINE, BOX OR HUB NUMBER	1 m(# 8823 70 175#8883 70 175#8884 70 195#888570 195#8887 70 175#8886
TEST MEDIUM:	WATEL
TESTED STARTED AT	9:00 Am
TEST TERMINATED AT	1:00 PM
	Poss
REMARKS: 2= TEST STWEE	LINE PETER REPAIRS WERE MADE AND TIS HOLDING LOOT.
	EN SENTESTAGGEDIANGE PRUMULING RUMANUM REPREMENDEN AND REPREMENDENCE AND REPREMENDEN
	NATE OF THE PROPERTY OF THE PR
TESTING COMPLETED AND ACCEPT	ED BY:
TEST REPRESENTATIVE:	CIEY NOWTHS DATE: 08-01-05
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	MANA TOTESTING INFO	RMATION		
UNIT NUMBER	LOVINATON			,
DRAWING NUMBER	LOUINF TON SE	wers		4 .
LINE, BOX OR HUB NUMBER	(ML#8804 TO LPS#86	28		
TEST MEDIUM:	WATEL	•		
TESTED STARTED AT	8:00 An			
TEST TERMINATED AT	18:00 Pm			
	Pass			
REMARKS: TEST SAWER /	JE INCLUDED 40.	. 2 .		
	AING SAF TIEST AGGE	PIANGEASIVIANIA		
TESTING COMPLETED AND ACCE	EPTED BY:			
TEST REPRESENTATIVE:	GOY MONTES		DATE: 08-08-05	
OCD REPRESENTATIVE:		<u></u>	DATE:	
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	THE STING INFORMATI			
UNIT NUMBER	LOUMETON #83			,
DRAWING NUMBER	LOUNTON SEWEL	<del></del>		₫
LINE, BOX OR HUB NUMBER	LML #8809 TO LYSTESTS TO L	SHBELS TO LPS P	8830	
TEST MEDIUM:	WATER			
TESTED STARTED AT	8:00 Am			
TEST TERMINATED AT	12:00 Pm			
	FAIL			
REMARKS TEST STATE IN	E AND INCLUDED 7.	o.a.s.		
	OUT OF ACTION. WAT			
	· · · · · · · · · · · · · · · · · · ·			<b>Siveri</b> erikania
TESTING COMPLETED AND ACCEP		1		
TEST REPRESENTATIVE:			DATE:08-11-05	
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	THE STING INFORMATION	ON WITH CHIEF TO		
	•			
UNIT NUMBER	LOUWKTON 783	<del></del>		
DRAWING NUMBER	POLINERA SENERS			4
LINE, BOX OR HUB NUMBER	Inl #880970125#88157017	8830		
TEST MEDIUM:	WARL			
TESTED STARTED AT	8:00 Am			
TEST TERMINATED AT	12:00 Pm	·	•	
	Pass			
REMARKS: PE TEST ENTILE	live AFTER REPAIRS	Bald MS	HULDING 100	√.
			_	
	THE THE STANCE OF TANCE		HTMF IZOMBOWELEN	TOTAL CONTRACTOR OF THE PARTY O
	PARTIES HAVE BUANCE		NAMES OF TAXABLE PARTY.	
TESTING COMPLETED AND ACCEPT	ED BY:	1 · · ·		
TEST REPRESENTATIVE:	CITY HONTES	2012 3 3	DATE:08_	80-05
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	A THE STING IN FORMATIO	DNO A HIERONIANO		
UNIT NUMBER	lourkon #83			į.
DRAWING NUMBER	LOUINTON BEWELS			4
LINE, BOX OR HUB NUMBER	175 # 8885 TO 175#8831			
TEST MEDIUM:	WATER	****		
TESTED STARTED AT	8:00 Am			
TEST TERMINATED AT	12:00 Pm	<del>.</del>		
	FAIL			
REMARKS: TEST LINE PACE	unen 4 0.w.s.			
	CTRON UNTIL REPORTS &	THE MADE.		
	A TIESTI AGGEPTANGE			
TESTING COMPLETED AND ACCEP	TED BY:			
TEST REPRESENTATIVE:	CLOY MONTES		DATE: 08-21-0	Σ
OCD REPRESENTATIVE:		<u> </u>	DATE:	.:
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	TESTING INFORMATION A		
UNIT NUMBER	COUNTRY #83		:
DRAWING NUMBER	LOUNKTON SEWERS		4
LINE, BOX OR HUB NUMBER	175 PB819 to 175 #8851		
TEST MEDIUM:	WOTER		
TESTED STARTED AT	8:00 pm.	•	
TEST TERMINATED AT	18:00 pm		
	Pass		
REMARKS: PETEST AFTER	ENTINE LINE WAS REPAIR	2 PND 175 HOLDING 1007	<b>/</b> .
	A THE STAR GERTANGE OF THE	HEITIGGERMANNE DER MESSELDEN PROPERTY	
	WAREA STRATEGISTANCE PROPERTY	TO THE TRANSPORT OF THE PROPERTY OF THE PROPER	
TESTING COMPLETED AND ACCEP	TED BY:	•	
TEST REPRESENTATIVE:	CLEY MONTES	DATE: 08-25-05	
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A BARLES CHARLES OF THE CONTROL OF T	THE STINGING	ORMATION STREET		
UNIT NUMBER	LOUINE TON #83			,
DRAWING NUMBER	LOUWKTON SEW.	=PS		(
LINE, BOX OR HUB NUMBER	PSB## 7013 883 7011	05 <u>1788421 01 125 17883</u> 4		•
TEST MEDIUM:	WATER			
TESTED STARTED AT	9:00 pm			
TEST TERMINATED AT	18:00 pm			
	FAIL			
REMARKS TEST LINE INC	100ED 60.W.S.	AND TEATED 9"	IN NOUR.	
Put seven her our				
	A TESTAGG	PIANGE VIVIA IIV.		
TESTING COMPLETED AND ACCES	PTED BY:			
TEST REPRESENTATIVE:	CLEY MONTES		DATE: 10-15-05	
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	THE STING INFORMATION SHEETING	
UNIT NUMBER  DRAWING NUMBER  LINE, BOX OR HUB NUMBER  TEST MEDIUM:  TESTED STARTED AT  TEST TERMINATED AT	LOUINGTON PB3  LOUINGTON SENERS  JSBPAGE 1938 BB33 TO 195 8838 TO 195 8838  ENTER  9:00 AM  BOO PM	
	Pass	
REMARKS: PE TEST ENTINE	LINE AFTER PERPIRS WERE MADE	AND OF MESS IS KOUDING 100 +
	A SECURITION AND ENGINEERS WITH HERE	
TESTING COMPLETED AND ACCEP	TED BY:	7.5.57.63.3.01(1)
TEST REPRESENTATIVE:	CLEY MONTES	DATE: 10-15-05
OCD REPRESENTATIVE:		DATE:
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	A STRESTING INC	RMATION		THE TRACE		MANUFACTURE STATE OF THE STATE	FFE N
			ALES LINE ADLAUM MINES	THE REAL PROPERTY.	THE PARTY OF THE PERSON OF THE		H4. 1414
UNIT NUMBER	LOUINGTON #	83	_			,	
DRAWING NUMBER	POULLETON SEWE	25	- ,			4	
LINE, BOX OR HUB NUMBER	ML # 8805-70 LPS#	8858 TO 17.	#883970LPS A	18840			Ì
TEST MEDIUM:	WATER		<u>.</u>				
TESTED STARTED AT	8:30 mag						
TEST TERMINATED AT	1:30 Pm		<del>-</del>				
	Pass						
REMARKS: TEST BEWER INF	5 (2010 DED 50	w.s.					
,					_		
		075000P##	ATTLEST PRINTED CONTRA	THE RESTRICT			A3397
	LZ E TESTACCE	BUANGER		N.T. LOUIS			
TESTING COMPLETED AND ACCEPTE	ED BY:		• •				
TEST REPRESENTATIVE:	REY MONTES	· 	11 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DATE:	10-20-05	······································	
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A STATE OF THE STA	MICHINE Y MANAGEMENT AND AND AND AND AND AND AND AND AND AND	AND THE PERSON AND ADDRESS OF THE PERSON AND			
UNIT NUMBER	LOCINETO N	,			
DRAWING NUMBER	LOUINGTON SEWERS				
LINE, BOX OR HUB NUMBER	LALE 8807 TO LASA 8891 TO 67508792				
TEST MEDIUM:	(NATE)				
TESTED STARTED AT	Bioc Am				
TEST TERMINATED AT	12:00 pm	•			
	FAIL				
REMARKS: TEST LINE INCLUDED \$ 0.0.1. FARE & LEDY 5" IN 1 MIN.					
	F SERVICE FOR REPAIRS!				
TESTING COMPLETED AND ACCE	MATERIAL STATE OF THE STATE OF	ALL AND AND AND AND AND AND AND AND AND AND			
TEST REPRESENTATIVE:	CLEY NONTES	DATE: 10-14-05			
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	1
UNIT NUMBER	LOVINATO D
DRAWING NUMBER	LOUNGTON SENEILS
LINE, BOX OR HUB NUMBER	(ml #8807-01)SH8791001/S#8792
TEST MEDIUM:	WATER
TESTED STARTED AT	8:00 Am
TEST TERMINATED AT	16:00 pm
	Dass
REMARKS: PETEST AFTER	ENTRE LINE REPAIR AND HOLDS 100%.
	POR A STREET A CORPTANCE SOUTH CLUB SOUTH CONTINUE AND THE STREET
TESTING COMPLETED AND ACCEP	CONTRACTOR OF THE STATE OF THE
TEST REPRESENTATIVE:	GEY MONTES DATE: 10-30-05
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•	•			
UNIT NUMBER	10012570 N		•	,
DRAWING NUMBER	POVINE TON SEWERS			4
LINE, BOX OR HUB NUMBER	LML#8806 70 175 A8847			
TEST MEDIUM:	WATER			
TESTED STARTED AT	9:00 pm		•	
TEST TERMINATED AT	1:00 pm			
	Poss			
REMARKS: 77-57 SEWER LINE	10.ω.5.			
	W. TESTIACGERIA	NGEROUM		
TESTING COMPLETED AND ACCEP	TED BY:			A CARCARIANTAL
TEST REPRESENTATIVE:	GLEY MOSTES		DATE: 11-17-05	
OCD REPRESENTATIVE:		<u></u>	DATE:	.:
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	•			
UNIT NUMBER	COUMETON			,
DRAWING NUMBER	POUNTON SENERS		•	4
LINE, BOX OR HUB NUMBER	PSS#1770198#8848 48 70175# 88	145		•
TEST MEDIUM:	WATER	<u> </u>		
TESTED STARTED AT	8:30 pm	<del></del>		
TEST TERMINATED AT	1:30 pm			
·	Pass			
REMARKS: TEST SEWER INE	,			
	SALVA LEGISTA MENTANCIS		COST CONTRACTORS	
THE RESERVE ASSESSMENT OF THE PROPERTY OF THE	A ME A TREE BEAUTION OF BUILDING			CANCEL SHEART PLEASE THE DESIGN
TESTING COMPLETED AND ACCEPT	TED BY:	v .		
TEST REPRESENTATIVE:	GRY MONTES		DATE: 11-81	-05
OCD REPRESENTATIVE:	·	<u> </u>	DATE:	, ;
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	NAMESTING NEORMATION AND	<b>()                                    </b>
	•	
UNIT NUMBER	LOUINKTON	•
DRAWING NUMBER	LOUINKTON SENERS	4
LINE, BOX OR HUB NUMBER	INL#8807 TO 675#88TO TO 8PS#879	90
TEST MEDIUM:	WATER	
TESTED STARTED AT	5:00 pm	
TEST TERMINATED AT	1:00 PM	
	FALL	
REMARKS: TEST SEWER INC	(NCWOED 5 O.M.S.	
PUT SEWER LINE O	NOT SERVICE UNTIL REPPIRS A	IF MADE
	: /: / Tiest aggeptange : : !!!/!	
TESTING COMPLETED AND ACCES	PTED BY:	
TEST REPRESENTATIVE:	GARY MONTES	DATE: 11-28-05
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UNIT NUMBER	LONINATON	
DRAWING NUMBER	POVINETON SEWERS	
LINE, BOX OR HUB NUMBER	(ML# 880770 10578850 7012578790	
TEST MEDIUM:	WATE	
TESTED STARTED AT	8:00 pm	
TEST TERMINATED AT	19:00 pm	
	Pass	
REMARKS: RETEST ENTIRE	LINE AFTER PEPPIRS WERE MADE	AND HOLDS 1007.
	TO CONTROL TEST ACCEPTANCE SHIPM	
TESTING COMPLETED AND ACCEP	TED BY:	
TEST REPRESENTATIVE:	CLEY NONTES	DATE: 18-10-05
OCD REPRESENTATIVE:		DATE:
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	Y TO THE STING THE ORNATION		THE DESCRIPTION OF THE PARTY OF	NASAHAN MARINTA
	:			
UNIT NUMBER	LOWINK TON	_		
DRAWING NUMBER	LOWINKTON SENERS	<del>~</del> .		4
LINE, BOX OR HUB NUMBER	(ML #8807 TO LPS 8893	_		
TEST MEDIUM:	WATER			
TESTED STARTED AT	8.00 pm	_		
TEST TERMINATED AT	12:00 pm			l
	T-DIL			
REMARKS: 7587 SEWEL LINE	= INCLUDED / AW.S.			
PUT OUT OF	SERVICE UNTIL REPAILS.			
	ATEST AGGERTANGE	401646781W18888889	ORT DISTRICT OF STREET	31046277375331522131610C
		12:11CHTHIN AND THE		
TESTING COMPLETED AND ACCEP	TED BY:			
TEST REPRESENTATIVE:	CLEY MONTES	<u> </u>	DATE: 12-14-05	
OCD REPRESENTATIVE:			DATE:	, !
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	V. TIESTING INFORM	NATION STREET		
UNIT NUMBER	LOVENTO d			•
DRAWING NUMBER	lount TON SEWERS	<del></del>		4
LINE, BOX OR HUB NUMBER	* *			·
LINE, BOX OR HUB NUMBER	IMP 8807 TO 105 8993			
TEST MEDIUM:	WATEL	· · · · · · · · · · · · · · · · · · ·		
TESTED STARTED AT	9:00 Pm			
TEST TERMINATED AT	1:00 Pm			
	Pass			
REMARKS: P. TEST ENTILE	SEWELL LINE AFTER	REPAIRS AND	HOLOS 1007.	
15 20 19 20 40 20 40 20 20 20 20 20 20 20 20 20 20 20 20 20	· TESTACCEPIL	NCE STATE		
TESTING COMPLETED AND ACCEPT	TED BY:			
TEST REPRESENTATIVE:	CLOY MONTES		DATE: 12-20-0	,8-
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	Y THE STING THE OR MATION SHI		
UNIT NUMBER	louinktow		,
DRAWING NUMBER	LOUINA TON SENELS		
LINE, BOX OR HUB NUMBER	175 # 883 \$ 70 175 # 88 41		
TEST MEDIUM:	WATER		
TESTED STARTED AT	9:00 Am		
TEST TERMINATED AT	1:00 pm		
`	Pass		<del></del>
REMARKS: 7557 SEWER /WE	FRUCIOSO 3 Ours.		
	A A CHIESTAGUEPTANGE SAUL	entrasinenterasinen	
TESTING COMPLETED AND ACCEP	PTED BY:		
TEST REPRESENTATIVE:	CLEY MONTES	DATE: 12-28-05	
OCD REPRESENTATIVE:		DATE:	· · · · · · · · · · · · · · · · · · ·
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MANAGERIESTING INFORMATI					HINE
LOURDEDON	<del></del>				
LOUINGTON SENERS	<del></del> ,			ef.	
LAL # 8805 TO (158838	<del></del>			•	•
WATER					
8:00 pm	<del></del>				
12:00 Pm					
Pass			<del></del>		<del></del>
					·
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CREY MONTES	200	DATE:	1-06-06		<del></del>
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	COUNTED SENERS  LOUINETON SENERS  LIMI # 8805 TO (158838  WATER  B'OO PM  12:00 PM  PASS  PASS  EPTED BY:  CRY MONTES	LOUINKTON SENERS  LIMITER  B:00 pm  12:00 pm  Pass  Pass  CREY MONTES	LOUNTED DENERS  LIMITER  B'OO PM  18:00 PM  PASS  PASS  CRY MONTES  DATE:  DATE:	COUNTED SENERS  LIMIT BBOSTO (PSBBBB)  WATER  B'OO AM  18:00 PM  PASS  PASS  DATE: 1-06-06  DATE:	LOURKADN SENERS  LIME #8855-70 (138838  WATER  B:00 PM  12:00 PM  PASS  PASS  DATE: 1-06-06  DATE:



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LINE, BOX OR HUB NUMBER	POBIL TO LAIL A BROS TO PSBA 15			
TEST MEDIUM:	WATER			
TESTED STARTED AT	8630 Am			
TEST TERMINATED AT	12:30 Pm	,		!
	FAIL			
REMARKS: 75-57 STWER IN	IF AND 3 STUFF BOXES			
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	WALE A CHIESTIA GOEPHANGE PO			
TESTING COMPLETED AND ACCEP	TED BY:			
TEST REPRESENTATIVE:	CLEY MONTES	<u> </u>	DATE: 1-10-06	
OCD REPRESENTATIVE:		<u> </u>	DATE:	
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	THE STING INFORMATION PROPERTY AND THE	
		,
UNIT NUMBER	LOUINATON	,
,		.6
DRAWING NUMBER	1000 AN TON SEWERS TO 15515 TO 153 047	
LINE, BOX OR HUB NUMBER	PSB 04 TO LINE 8805 TO PSB 13 TO PSB 047 . TO PSB 14 TO LINE 8805 TO PSB 15	
TEST MEDIUM:	WATER	
TESTED STARTED AT	8:00 Am	
TEST TERMINATED AT	12:00 Pm	
	Pass	
REMARKS: PE TEST ENTIRE	LINE PETER REPAIRS DERE MADE. A	WO HOLDS GOOT.
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	WALK ASTRACCEPTANGE WALLER WHALL	
TESTING COMPLETED AND ACCEP	TED BY:	
TEST REPRESENTATIVE:	(LEY MONTES DATE	1-13-04
OCD REPRESENTATIVE:	DATE	
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E:DATAMAINTEN\123DATA\sewerdoc,WK4	<u> </u>	`



	SE LESTING INFORMATIO			
UNIT NUMBER	COUNTION			
DRAWING NUMBER	LOUINKTON SEWERS			4
LINE, BOX OR HUB NUMBER	BB#15 701ml #8806 70 PSB#	<u>A</u>		
TEST MEDIUM:	WATER	·		
TESTED STARTED AT	9.100 AM			
TEST TERMINATED AT	1:00 Pm			
·	FALL			
REMARKS: TEST INE &	LEAR 5'IN 5 MM.			
	L HIEST ACCEPTANCE			
TESTING COMPLETED AND ACCEP	PTED BY:	,	•	
TEST REPRESENTATIVE:	CLEY MONTES	<u> </u>	DATE: 01-20-06	·
OCD REPRESENTATIVE:			DATE:	·
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	TO THE STING INFORMATION			
	_			
UNIT NUMBER	LOUINATON	- ,		,
DRAWING NUMBER	LOUING TON SENERS	<del>-</del> .		∦ 
LINE, BOX OR HUB NUMBER	PSB#15 TO LM #8806 TO DSD #1	<b>3</b>		, , ,
TEST MEDIUM:	WATER			
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	Pass			
REMARKS: It TEST AFTER	REPAIRES WELL MADE	on ENTIRE	INE AND HOLDS	1007.
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TESTING COMPLETED AND ACCEP	JED BA:			
TEST REPRESENTATIVE:	CIEY MONTES	<u> </u>	DATE: 08-07-05	
OCD REPRESENTATIVE:		<u> </u>	DATE:	
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## SEWER LINES, BOXES & HUBS TEST RECORD

	SHOOT TESTING INFORMATIO	William Comment		
			,	
UNIT NUMBER	LOUINATON			•
DRAWING NUMBER	LOUWKTON SENELS			4
LINE, BOX OR HUB NUMBER	PSB# 17 TO LML # 8807 TO \$ 36	419		
TEST MEDIUM:	WATER	,		i
TESTED STARTED AT	11-00 Am	<del></del>		
TEST TERMINATED AT	3:00 pm			
	FAIL			
REMARKS: TEST LINE WILLIAM	FD 10.ω.S.			
PUT OUT OF SERVICE	ENTIRE LINE UNTIL PER	PIRS		
	A TEST AGGERTANGE			
TESTING COMPLETED AND ACCES	TED BY:			
TEST REPRESENTATIVE:	CLEY MONTES	77 y y y y	DATE: 04-26-06	
OCD REPRESENTATIVE:		<u>, at st</u>		.:
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## SEWER LINES, BOXES & HUBS TEST RECORD

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UNIT NUMBER	LOUINATON		,
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LINE, BOX OR HUB NUMBER	135717701M1# 880770	PSH F	·
TEST MEDIUM:	WATER		
TESTED STARTED AT	9:00 pm		
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REMARKS: RE TEST FATIRE	WE AFFER PEPAIS	AND MOLOS LOOT	
	·		
E			
	A STESTAGGE		nelation de la company de la c
TESTING COMPLETED AND ACCES	PTED BY:	v ·	
TEST REPRESENTATIVE:	(LEY: MONTES	<u> </u>	DATE: 04-25-06
OCD REPRESENTATIVE:			DATE:
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## SEWER LINES, BOXES & HUBS TEST RECORD

	TO THE STING INFORMATION	NO STATE OF THE ST		
UNIT NUMBER	COUINGTON			,
DRAWING NUMBER	LOUINATION SEWERS			4
LINE, BOX OR HUB NUMBER	last 88 07 70 (ps 8994-	-		
TEST MEDIUM:	WATEL			
TESTED STARTED AT	8:00 pm			
TEST TERMINATED AT	12:00 pm	:		
	<i>ک</i> وهرم			
REMARKS: 7257 LINE IN	(100ED 10.w.3.			
	A CONTRACTOR OF THE CONTRACTOR		HIMLERITATIONS	
TESTING COMPLETED AND ACCEP	PTED BY:		20 CA LABORATOR RESTAURANT OF THE SECOND	AND DESIGNATION OF THE PARTY SECTION OF THE PARTY S
TEST REPRESENTATIVE:	CLEY MON TES	<u> </u>	DATE: 64 BOO	
OCD REPRESENTATIVE:	<u> </u>	<u> </u>	DATE: 64-30-06	
COPIES TO: ENVIRONMENTAL DEF	••	t genet		

### WASTE STREAMS FOR LOVINGTON

**Spent Caustic** 

**Crude Contaminated Soil** 

Gas Oil Contaminated Soil

Asphalt

**Blast Sand** 

**Tank Seals** 

**Diesel Contaminated Soil** 

**Steel Drums** 

Cement

**Absorbent Pads** 

Wastewater

Pall Rings

**Wooden Pallets** 

Naphtha Contaminated Soil

Kerosene Contaminated Soil

Office Trash

**Plant Debris** 

#### Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD

Sent: Monday, March 24, 2008 11:40 AM

To: 'Moore, Darrell'

Cc: 'eloy.hernandez@navajo-refining.com'; 'steve.terry@navajo-refining.com'; Price, Wayne, EMNRD

Subject: March 14, 2008 OCD Inspection Follow-Up or Clarification Items

#### Darrell:

Good morning. As stated during the inspection, I had planned to send you an e-mail requesting more info. or expanding on inspection items during the inspection; consequently, please find below the discharge permit follow-up items needed to complete the OCD inspection:

- 1) Item 3 (Drum Storage): "All drums containing materials other than fresh water must be stored on an imp0ermeable pad with curbing." The OCD noticed that an impermeable centralized pad area was constructed to store chemicals; however, there are plans to construct another impermeable pad area adjacent to the existing one to separate incompatible chemicals. Please provide the anticipated date of construction of the new impermeable pad along with a drawing that reflects the existing and new central pad storage areas. Also, any plans of new or anticipated expansion at the refinery should also be submitted to the OCD for review.
- 2) Item 5 (Above Ground Tanks): "All new facilities or modifications to existing facilities must place the tank on an impermeable pad within the berm." The OCD informed Navajo Personnel that under the new permit, existing tanks containing chemicals or new tanks containing chemicals will need to be retrofitted or constructed with impermeable pads to satisfy new discharge permit conditions; however, the OCD will work with Navajo to request a schedule from Navajo identifying the tanks and phases for completing the above.
- 3) Item 8 (Below Grade Tanks/Sumps): Please provide proof of test data for sumps, since 2002. "All pre-existing sumps and below-grade tanks must be t3ested to demonstrate their mechanical integrity no later than December 15, 2002, and every year from tested date, thereafter."
- 4) Item 9 (Underground Process/Wastewater Lines): Please provide 2007 test data for process and wastewater lines. "All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity no later than December 15, 2002, and every 5 years, from tested dated, thereafter."
- 5) Item 10 (Class V Wells): Please provide proof of permit application and correspondence with NMED for septic system at the refinery. "Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department."
- 6) Item 12 (Spill Reporting): Please provide copies of all C-141 spill releases, since October 31, 2002. Identify releases where contamination was left in place or not removed as part of the spill release response. The OCD looked at the last C-141 incident near Tank 1201D where the sump leaked and diesel was released onto the ground migrating westward. Navajo informed the OCD that it recovered standing fluids, but left the contaminated soil in place so as not to exacerbate the contamination due to the cobbly sediment nature of the ground throughout the refinery. Leaving contaminated soil or sediment in place is not an acceptable practice for dealing with releases. Spills are generally cleaned up using visual, olefactory, field PID and final samples (base and sidewalls of excavation) collected and sent to a lab for confirmation that the release was properly cleanup up. The OCD may require further corrective actions based on the C-141s requested above.
- 7) Item 13 (Waste Disposal): Please provide any new waste streams as part of the permit renewal and future expansion plans for the refinery.
- 8) Item 14 (OCD Inspections): Please ensure that there is a minimum one-hundred feet radius non-vegetation zone around the flare stack(s) at the refinery- especially now that the windy season has arrived in SE New Mexico...
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refinery, since the "Groundwater Monitoring & Remediation System Performance Report July 2001 – June 2002." This appears to be the last groundwater monitoring report submitted by Navajo to the OCD?

10) Record keeping is not specified in the existing discharge permit, but will be included in the permit renewal. Please transfer the Lea Refinery records from the Artesia Refinery to the Lea Refinery so they will be onsite for inspections, etc. from now on.

The OCD would appreciate any information requested above within 15 days of receipt of this e-mail message. Please contact me if you have questions or if there is anything missing based on the recent OCD inspection. Thank you.

Carl J. Chavez, CHMM
New Mexico Energy, Minerals & Natural Resources Dept.
Oil Conservation Division, Environmental Bureau
1220 South St. Francis Dr., Santa Fe, New Mexico 87505

Office: (505) 476-3491 Fax: (505) 476-3462

E-mail: CarlJ.Chavez@state.nm.us

Website: <a href="http://www.emnrd.state.nm.us/ocd/">http://www.emnrd.state.nm.us/ocd/</a>index.htm (Pollution Prevention Guidance is under "Publications")

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Cc: 'eloy.hernandez@navajo-refining.com'; 'steve.terry@navajo-refining.com'; Price, Wayne, EMNRD

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Carl J. Chavez, CHMM New Mexico Energy, Minerals & Natural Resources Dept. Oil Conservation Division, Environmental Bureau 1220 South St. Francis Dr., Santa Fe, New Mexico 87505 Office: (505) 476-3491

Fax: (505) 476-3462

E-mail: <u>CarlJ.Chavez@state.nm.us</u>

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### OCD ENVIRONMENTAL BUREAU

### SITE INSPECTION SHEET

Type of Facility: Refinery G Gas Plant C Compressor St. Brine St. O Oilfield Service Co. 🗆
Surface Waste Mgt. Facility □ E&P Site □ Crude Oil Pump Station □
Other 🗆
Discharge Plan No  Yes & GW# 14
FACILITY NAME: LEA REFINERY
PHYSICAL LOCATION: 5 Mi 5 of LIVING TON NM 164/8
Legal: QTR_QTR_Sec_TS_R_County_LEA
ALAVATA OF Civilia To
OWNER/OPERATOR (NAME) NAVAJO REFINING CO.  Contact Person: 5 TEVE TERRY Tele:# 505-376-582 1  MAILING ADDRESS: State MM ZIP 88260
Contact Person: 31202 1242 Tele:# 39 372 302 1
Owner/Operator Rep's:  HARLIE PLYMALE
ocd inspectors: W PRICE, P SHEELEY, L JOHNSON
1. <u>Drum Storage</u> : All drums containing materials other than fresh water must be stored on an impermeable pad with curbing.
All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other
containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.
2. Process Areas: All process and maintenance areas which show evidence that leaks and spills are reaching the ground
surface must be either paved and curbed or have some type of spill collection device incorporated into the design.
DIC#3- MAIN PROCESS AREA - VACUUM UDIT
PICH4- NORTH SIDE OF VACUUM UNIT- NEEDS CONTAINMENT PICH5- WEST END OF VACUUM MIT- " B
PIC#5- WEST END OF VACHUM HDIE- " B
DICHT- RR ASOMALT LOAD AREA - OUT of GERVICE

3. Above Ground Tanks: All above ground tanks which contain fluids other than fresh water must be bermed to
contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new
tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an
impermeable bermed enclosure.
PIC #1- 2ASTE PILL 1201 B CRUDE TK
<b>'</b>
4. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.
5. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
6. <u>Below Grade Tanks/Sumps</u> : All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
7. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

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8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly	•	erized aı	nd disposed of correctly?
Does the facility have an EPA hazardous waste number? Yes			TENO DEMAN
ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? BELOW.	YES	NO	IF NO DETAIL
DELOW.			
· R.O. RE-JE-T WATER NEEDS CLASSIFIED	AND	NOT.	E0
IN DISCHARGE PLAN			
O. Class V. Walley Leagh fields and other wastewater disposal systems at OCD v	omilated	facilities	which inject non
9. Class V Wells: Leach fields and other wastewater disposal systems at OCD r	_		
hazardous fluid into or above an underground source of drinking water are cor			*
EPA UIC program. All Class V wells that inject non-hazardous industrial wast			•
domestic wastes will be closed unless it can be demonstrated that groundwater			
foreseeable future. Closure of Class V wells must be in accordance with a plan		-	
Office. The OCD allows industry to submit closure plans which are protective			
groundwater as defined by the WQCC, and are cost effective. Class V wells th	at inject	domestic	waste only must be
permitted by the New Mexico Environment Department.			
ANY CLASS V WELLS NO EYES I IF YES DESCRIBE BELOW!	Undete	rmined [	1
10. Housekeeping: All systems designed for spill collection/prevention will be i	nspected	weekly a	nd after each storm
event to ensure proper operation and to prevent overtopping or system failure.	A recor	d of inspe	ections will be retained
on site for a period of five years.			
PIC #2- BONE YARD - ASPHALT PILE + LIQUID	2/A57	EIN	open Top TK
	<del></del> .		
	<del>-,,-</del>		
11. Spill Reporting: All spills/releases will be reported pursuant to OCD Rule 1	IIK and I	NOCC 1	203 to the proper OCD
District Office.	TO WILLY	TYCC I	to the proper OCD
name omee.			·.
			····

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12. Does the facility have any other potential environmental concerns/issues?				
ON GOING GROUNDWATER REMEDIATION - RELOVERY PUMP 15 OUT OF SERVICE - NEEDS REPLACING.				
15 OUT OF SERVICE - NEEDS REPLACING.				
3. Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?  SPCC - YES				
4. ANY WATER WELLS ON SITE? NO (1) YES (2) IF YES, HOW IS IT BEING USED?  TWO - WELLS BOTH POTABLE				
5. Documents reviewed:				
Aiscellaneous Comments:				
<del></del>				
hotos taken:				
ocuments Reviewed/Collected:				
·				

ij

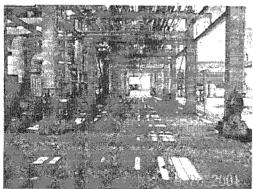
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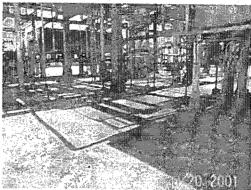
Pic#1- Waste pile located inside of 1201 crude tank berm.



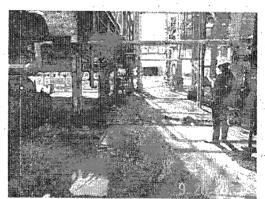
Pic #2 - Bond Yard area- Asphalt pile and liquid waste in open top tank.



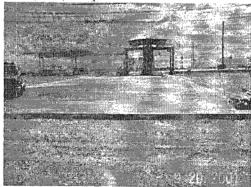
Pic #3- Main Process Area of Vacuum Unit.



Pic #4 - North side of Vacuum Unit oily contamination on ground surface.



Pic #5- West end of Vacuum unitvisual contamination was noted in this area off of the pad.

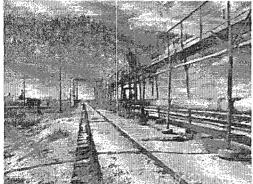


Pic #6- Asphalt loading area.

Navajo Lovington Renery Sept 20, 2001

OCD Inspectors: WPrice, Queley, LJohnson

Page 2



Pic #8- Old Railroad Asphalt load area not used any more.

# OCD ENVIRONMENTAL BUREAU SITE INSPECTION SHEET

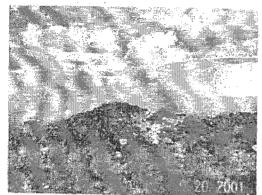
DATE: <u>9/2°</u>	/o/_ Time:/./_	3 PM					
Type of Facility:	Refinery Gas	Plant 🗆	Compressor St.	🗇 Brin	e St. 🗆	Oilfield Serv	⁄ice Co. □
	Surface Waste Mgt. Fa	cility 🗆	E&P Site 🗖	Crud	e Oil Pump	Station 🗆	
	Other 🗆						
Discharge Plan	No 🗆 Yes i	Ø GW#_/	14				
FACILITY NAM	ME: LEA RESI	NERY					
PHYSICAL LOC	CATION: 5 pt 5	of 1001	Major 81	n Hay	18		·
Legal: QTR	_QTRSecTS	S R	_ County	LEA	· -		
OWNED/ODED	ATOR (NAME)	ATO RE	fining co	<b>?</b> .			
Contact Person:	= -60 C TE	2R1/	Tel	e:#_ 505.	- 396-	582 I	
MAILING ADD						e MM ZIP	8826
Owner/Operator	· Rep's:	,					
OCD INSPECT	ORS: W PRICE,	P SHEED	Ley, L:	50 Hasol	v	·	
1. Drum Storage	e: All drums containing m	aterials other t	han fresh water mu	ist be stored or	n an imperme	able pad with	curbing.
All empty drums	s will be stored on their s	ides with the	bungs in and line	d up on a hor	rizontal plan	e. Chemicals	in other
	as sacks or buckets will a		_	=	_		
					• ,	•	· · · · · · · · · · · · · · · · · · ·
2. Process Areas	s: All process and maint	enance areas	which show evide	nce that leaks	s and spills a	re reaching tl	ne ground
surface must be	either paved and curbed	or have some	e type of spill colle	ection device	incorporated	l into the desig	gn.
PIC#3-	MAIN PROCESS	AREA-	WARRAMAN				
DIE 44-	NORTH SIDE OF	VACUUR	1 UNIT-		CONTAIL	UMENT	
p1< #5-	WEST END OF	VASUUM	- A- A-		עז		····
PIC\$6-	ASPHAT LOAD	RACK	AREA -		9 60 A		
PIE #7-	KK ASATALT	LOAD 1	AKEA - OL	11 04	SERVICE		
•							

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contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new
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5. <u>Labeling:</u> All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.
6. <u>Below Grade Tanks/Sumps:</u> All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.
7. <u>Underground Process/Wastewater Lines:</u> All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

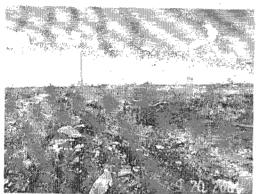
8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctl
Does the facility have an EPA hazardous waste number? Yes No
ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES NO IF NO DETAIL
BELOW.
· R.O. RE-JE-T WATER NEEDS CLASSIFIED AND NOTED
IN DISEHARGE PLAN.
9. Class V Wells: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-
hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under th
EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and
domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably
foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe
Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and
groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be
permitted by the New Mexico Environment Department.
ANY CLASS V WELLS NO WE YES I IF YES DESCRIBE BELOW! Undetermined I
10. Housekeeping: All systems designed for spill collection/prevention will be inspected weekly and after each storm
event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained
on site for a period of five years.
PIE #2- BONE YARD - ASPHALT PILE & LIQUID WASTE IN OPEN TOP TK
11 Snill Reporting: All snills/releases will be reported pursuant to OCD Rule 116 and WOCC 1203 to the proper OCI
11. <u>Spill Reporting:</u> All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCI District Office.

12. Does the facility have any other potential environmental concerns/issues?				
ON GOING GROWDWATER REMEDIATION 15 OUT OF SERVICE - NEEDS REPLACING	1- RECOUSEY PUMP			
13. Does the facility have any other environmental permits - i.e. SPCC, Storm	•			
14. ANY WATER WELLS ON SITE? NO D YES 2 IF YES, HOW IS  TWO - WELLS BOTA POTABLE	IT BEING USED ?			
15. Documents reviewed:				
Miscellaneous Comments:				
Photos taken:	·			
Documents Reviewed/Collected:				
Documents Reviewed Constitut.				

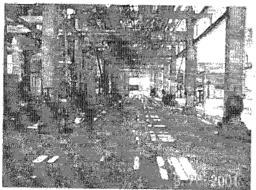
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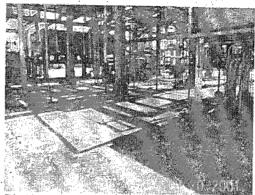
Pic#1- Waste pile located inside of 1201 crude tank berm.



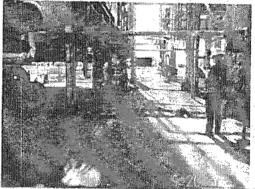
Pic #2 - Bond Yard area- Asphalt pile and liquid waste in open top tank.



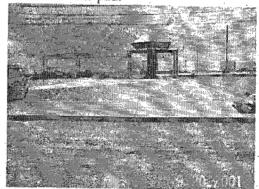
Pic #3- Main Process Area of Vacuum Unit.



Pic #4 - North side of Vacuum Unit oily contamination on ground surface.



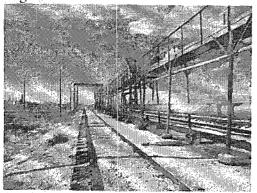
Pic #5- West end of Vacuum unitvisual contamination was noted in this area off of the pad.



Pic #6- Asphalt loading area.

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OCD Inspectors: WPrice, Priceley, LJohnson



Pic #8- Old Railroad Asphalt load area not used any more.