GW - 94

INSPECTIONS & DATA

From: Lowe, Leonard, EMNRD Sent: Monday, August 01, 2011 2:27 PM To: 'Puente, Otoniel A' Subject: RE: NM OCD Inspection - 2011

Otoniel Puente,

Thank you for the inspection information.

Ensure that "sumps" adhere to the sump definition: of 19.15.17.7 Part 17 (definitions).

Thank you.

llowe

Leonard Lowe

Environmental Engineer Oil Conservation Division/EMNRD 1220 S. St. Francis Drive Santa Fe, N.M. 87505 Office: 505-476-3492 Fax: 505-476-3462 E-mail: <u>leonard.lowe@state.nm.us</u> Website: http://www.emnrd.state.nm.us/ocd/

Lowe, Leonard, EMNRD

From:	Puente, Otoniel A [Otoniel.Puente@bakerhughes.com]
Sent:	Friday, July 29, 2011 3:37 PM
To:	Lowe, Leonard, EMNRD
Cc:	Britton, James H 'Jim'; Curler, Misty L; Scott, David A; Mendoza, Jesus D
Subject:	RE: NM OCD Inspection - 2011
Attachments:	NM OCD Sump Inspection 2011-Baker Hughes GW-094.pdf
Attachments:	NM OCD Sump Inspection 2011-Baker Hughes GW-094.pdf

Mr. Lowe,

I am attaching a copy of the 2011 Sump Inspections report for the **Discharge Permit GW-094**. Please review the document and if you have any questions or concerns don't hesitate to contact me.

Could you please send me a confirmation of receipt and also a statement of your approval for this year inspection?

Otoniel Puente | Plant Engineer Baker Hughes | Fluids & Chemicals/Hobbs Blend Plant Office: +1 575.393.7751 | Fax: +1 575.393.6754 Cell: +1 575.602.1770 | otoniel.puente@bakerhughes.com http://www.bakerhughes.com | Advancing Reservoir Performance

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From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Tuesday, July 12, 2011 1:29 PM
To: Puente, Otoniel A
Cc: VonGonten, Glenn, EMNRD
Subject: RE: NM OCD Inspection - 2011

Otoniel Puente

Notification is confirmed.

llowe

Leonard Lowe

Environmental Engineer Oil Conservation Division/EMNRD 1220 S. St. Francis Drive Santa Fe, N.M. 87505 Office: 505-476-3492 Fax: 505-476-3462 E-mail: <u>leonard.lowe@state.nm.us</u> Website: <u>http://www.emnrd.state.nm.us/ocd/</u>

From: Puente, Otoniel A [mailto:Otoniel.Puente@bakerhughes.com] Sent: Tuesday, July 12, 2011 1:06 PM To: Lowe, Leonard, EMNRD Subject: NM OCD Inspection - 2011

1

Good morning Mr. Lowe,

It is the time of the year when we need to do the annual inspection to our sumps here at our **BJ Chemical Services Facility/BHI (Discharge Permit GW-094)**. According to the procedure I need to contact you before I start the inspection and notify you 72 hrs. prior our inspection.

Please consider this email as my notification of our inspection this upcoming Saturday July the 16th.

Could you please send me a confirmation of this notification? If you have any questions or comments please don't hesitate to contact me.

Otoniel Puente | Plant Engineer Baker Hughes | Fluids & Chemicals/Hobbs Blend Plant Office: +1 575.393.7751 | Fax: +1 575.393.6754 Cell: +1 575.602.1770 | otoniel.puente@bakerhughes.com http://www.bakerhughes.com | *Advancing Reservoir Performance*



Friday, July 29th, 2011

Leonard Lowe Oil Conservation Division 1220 South St. Francis Drive Santa Fe, NM 87505

Subject: New Mexico Oil and Conservation Division (NM OCD) - 2010 Sump Inspections- Baker Hughes Inc. (Formerly BJ Services Company) - Discharge permit GW-094.

Mr. Lowe:

Attached are the forms for the 2011 Sump Inspection in our facility. Please let me know if I can be of further assistance.

Sincerely,

Otoniel Puente Plant Engineer



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Discharge Permit	GW-094
Inspector's Name:	Otoniel Puente- Plant Engineer
Designation and Location of Item Inspected:	Sump located in Area 1 (Alcohols tank farm)
Date Inspected:	07/16/11

Sump Information]
Volume:	9.4 ft ³	70. 3169 991
Drained Products	Rain Water and dirt	
Flow Estimation:	Rain Water- Hobbs NM Yearly Average	

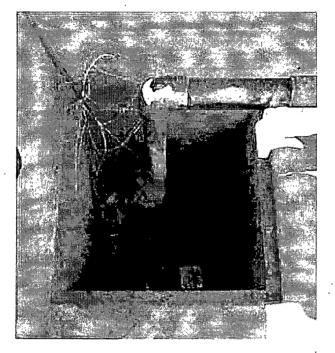
Instructions: Drain the sump and perform the specified inspection and maintenance task. Make any comments, which are pertinent to the future maintenance needs.

Item to be inspected	Comments
Check concrete for cracks, breaks, exposed	Concrete in good condition
reinforcing and settlement.	
Check Sediment depth and remove	Sediment depth 2.0" of dirt and sand
manually or by vacuum truck.	
Inspect piping for corrosion, open joints,	Piping in good condition
cracked or crushed sections, and	
obstructions.	
Perform Hydrostatic Test	Hydrostatic test passed
1. Isolate the sump by shutting	
incoming and exiting valves.	
2. Fill the sump to operational level	
with fresh water and note the level.	
3. Monitor the level for a minimum of	
72 hrs. Investigate seepage or	
leakage if liquids levels vary by	
more than 1/2 inch.	

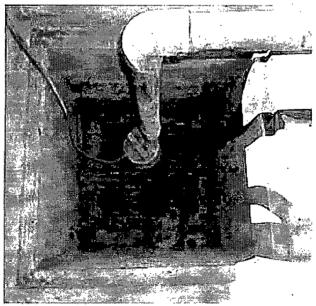
*Note: See Images attached.



Before Inspection



After Inspection



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Discharge Permit	GW-094
Inspector's Name:	Otoniel Puente – Plant Engineer
Designation and Location of Item Inspected:	Area 2 (Oil Tank Farm)
Date Inspected:	07/16/11

Sump Information		
Volume:	88.3 ft ³	= ASB. (660.5300.991
Drained Products	Rain Water	
Flow Estimation:	Rain Water- Hobbs NM Yearly Average	

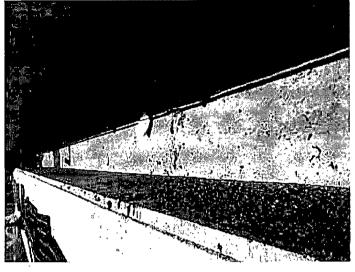
Item to be inspected	Comments
Check concrete for cracks, breaks, exposed	Concrete in good Condition
reinforcing and settlement.	
Check Sediment depth and remove	Sediment depth was less than 1/2" of dirt.
manually or by vacuum truck.	
Inspect piping for corrosion, open joints,	Piping in good condition
cracked or crushed sections, and	
obstructions.	
Perform Hydrostatic Test	Hydrostatic test passed.
1. Isolate the sump by shutting	
incoming and exiting valves.	
2. Fill the sump to operational level	
with fresh water and note the level.	
3. Monitor the level for a minimum of	
4 hrs. Investigate seepage or	
leakage if liquids levels vary by	
more than ½ inch.	

*Note: See Images attached.

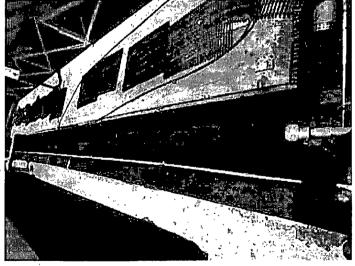
2/21



Before inspection:



After Inspection:





Discharge Permit	GW-094
Inspector's Name:	Otoniel Puente – Plant Engineer
Designation and Location Sump located in Area 3 (Soft Water Tank Farm	
of Item Inspected:	
Date Inspected:	. 07/16/11

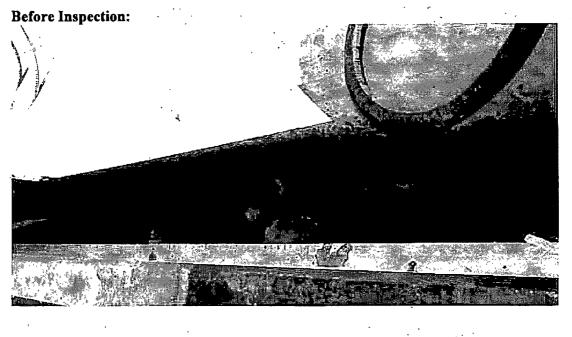
	Sump Information	
Volume:	208.9 ft ³	=1562.6801 Gal
Drained Products	Rain Water	
Flow Estimation:	Rain Water- Hobbs NM Yearly Average	

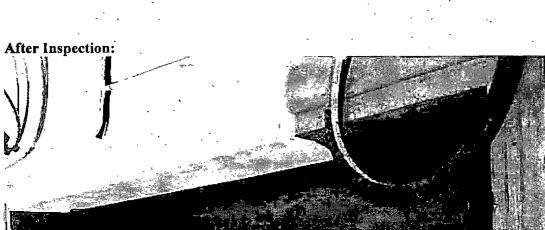
Item to be inspected	Comments
Check concrete for cracks, breaks, exposed	Concrete in good condition.
reinforcing and settlement.	
Check Sediment depth and remove	Sediment was less than 3" of sand and dirt
manually or by vacuum truck.	
Inspect piping for corrosion, open joints,	No piping
cracked or crushed sections, and	
obstructions.	
Perform Hydrostatic Test	Hydrostatic test passed.
1. Isolate the sump by shutting	
incoming and exiting valves.	
2. Fill the sump to operational level	
with fresh water and note the level.	
3. Monitor the level for a minimum of	
4 hrs. Investigate seepage or	
leakage if liquids levels vary by	
more than 1/2 inch.	

*Note: See Images attached.



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Discharge Permit	GW-094
Inspector's Name:	Otoniel Puente – Plant Engineer
Designation and Location	Sump located in Area 4 (Water soluble Tank Farm)
of Item Inspected:	
Date Inspected:	07/16/11

· · · ·	Sump 1	Information	
Volume:		406.6 ft ³	= 3041.5792 Gal
Drained Products	•	Rain Water	•
Flow Estimation:		Rain Water- Hobbs Yearly Average	

Item to be inspected	Comments
Check concrete for cracks, breaks, exposed	Concrete in good condition
reinforcing and settlement.	
Check Sediment depth and remove	Sediment depth was 2" of mud.
manually or by vacuum truck.	
Inspect piping for corrosion, open joints,	Piping in good condition
cracked or crushed sections, and	·
obstructions.	
Perform Hydrostatic Test	Hydrostatic test passed.
1. Isolate the sump by shutting	
incoming and exiting valves.	
2. Fill the sump to operational level	
with fresh water and note the level.	·
3. Monitor the level for a minimum of	
4 hrs. Investigate seepage or	
leakage if liquids levels vary by	
more than 1/2 inch.	

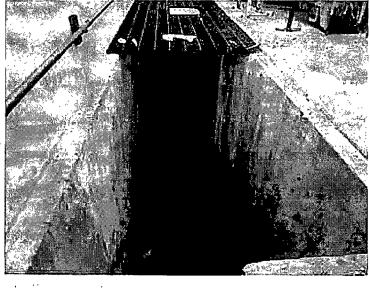
*Note: See Images attached.

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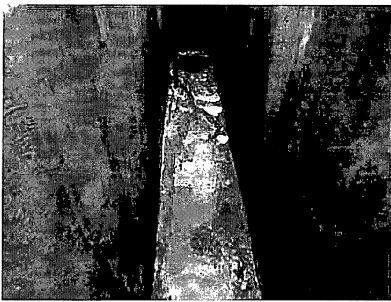
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Before Inspection:







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Discharge Permit	GW-094	
Inspector's Name:	Otoniel Puente – Plant Engineer	
Designation and Location	Sump Located in Area 5 (Oil Tank Farm)	
of Item Inspected:		
Date Inspected:	07/16/11	

	Sump Information]
Volume:	152.7 ft ³	=1142.2753 Gal
Drained Products	Rain Water	
Flow Estimation:	Rain Water- Hobbs NM Yearly Average	

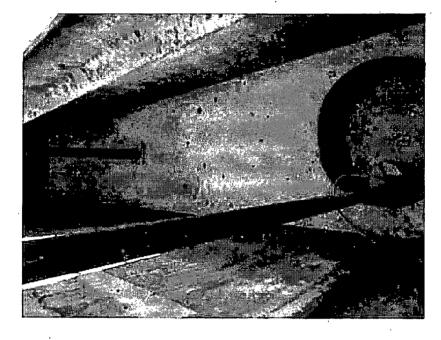
Item to be inspected	Comments
Check concrete for cracks, breaks, exposed	Concrete in good condition
reinforcing and settlement.	
Check Sediment depth and remove	Thin layer of sand and dirt.
manually or by vacuum truck.	
Inspect piping for corrosion, open joints,	No piping
cracked or crushed sections, and	
obstructions.	
Perform Hydrostatic Test	Hydrostatic test passed
1. Isolate the sump by shutting	
incoming and exiting valves.	
2. Fill the sump to operational level	
with fresh water and note the level.	
3. Monitor the level for a minimum of	·
4 hrs. Investigate seepage or	
leakage if liquids levels vary by	
more than $\frac{1}{2}$ inch.	

*Note: See Images attached.

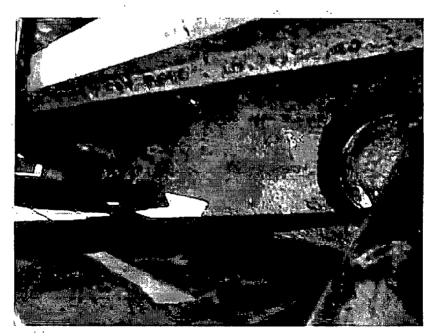
10/2



Before Inspection:



After Inspection:





Discharge Permit	GW-094	
Inspector's Name:	Otoniel Puente – Plant Engineer	
Designation and Location	Sump located in Pepsi Building. (Warehouse)	
of Item Inspected:		
Date Inspected:	. 07/16/11	

Sump Information		
Volume:	123 ft ³	= 920, 1038 Gal
Drained Products	none	
Flow Estimation:	none	

Item to be inspected	Comments
Check concrete for cracks, breaks, exposed reinforcing and settlement.	No cracks or breaks. In excellent condition.
Check Sediment depth and remove manually or by vacuum truck.	Sediment depth was 2.0" of sand and dirt.
Inspect piping for corrosion, open joints, cracked or crushed sections, and obstructions.	No piping.
 Perform Hydrostatic Test Isolate the sump by shutting incoming and exiting valves. Fill the sump to operational level with fresh water and note the level. Monitor the level for a minimum of 4 hrs. Investigate seepage or leakage if liquids levels vary by more than ½ inch. 	Not done. Sump is normally dry.

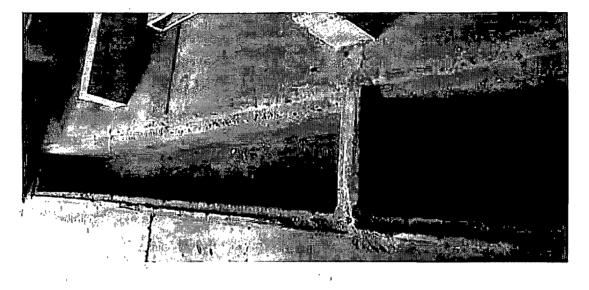
*Note: See Images attached.

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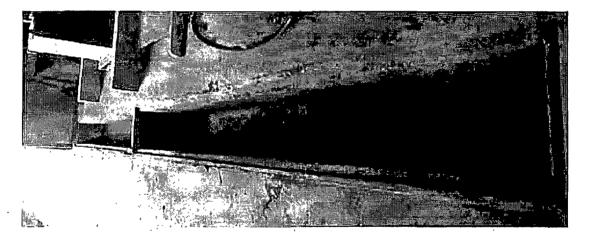
BAKER HUGHES

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Before Inspection:



After Inspection:





Discharge Permit	GW-094	
Inspector's Name:	Otoniel Puente – Plant Engineer	
Designation and Location	Sump located in Hot House (Storage of Chemical drums	
of Item Inspected:	and totes)	
Date Inspected:	07/16/11	

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Sump Information		
Volume:	147.2 ft ³	=1101,1325 Gal
Drained Products	none	
Flow Estimation:	none	

Instructions: Drain the sump and perform the specified inspection and maintenance task. Make any comments, which are pertinent to the future maintenance needs.

Item to be inspected	Comments
Check concrete for cracks, breaks, exposed reinforcing and settlement.	Concrete in excellent condition
Check Sediment depth and remove manually or by vacuum truck.	Sediment depth was 3/4" of sand and dirt.
Inspect piping for corrosion, open joints, cracked or crushed sections, and obstructions.	No piping
 Perform Hydrostatic Test Isolate the sump by shutting incoming and exiting valves. Fill the sump to operational level with fresh water and note the level. Monitor the level for a minimum of 4 hrs. Investigate seepage or leakage if liquids levels vary by more than ½ inch. 	Not done. Sump is normally dry.

*Note: See Images attached.

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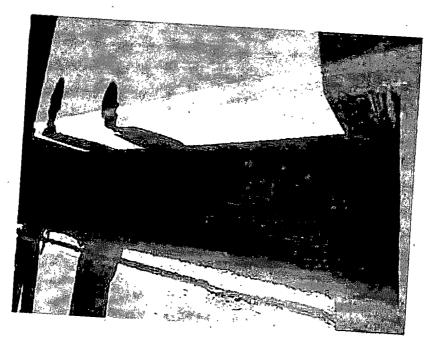
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Before Inspection:



After Inspection:

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Discharge Permit	GN 2094
Inspector's Name:	Otoniel Puente – Plant Engineer
Designation and Location of Item Inspected:	Sump located in plant warehouse.(Blending Area)
Date Inspected:	07/16/11

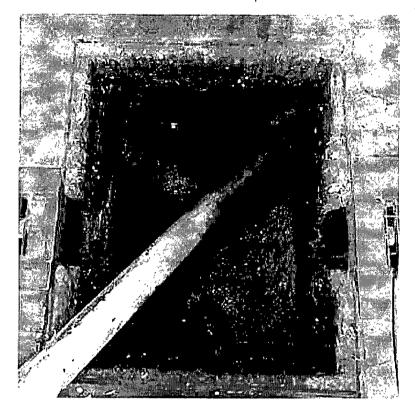
Sump 1	Information]
Volume:	23.75 ft ³	=177.6623 Gal
Drained Products	Water from vats cooling system. Flush Water.	
Flow Estimation:	In a normal operation day the estimate flow is around 5000 gallon/day.	

Item to be inspected	Comments
Check concrete for cracks, breaks, exposed	Cracks in concrete around sump, but not in
reinforcing and settlement.	sump walls. Concrete in good condition.
Check Sediment depth and remove	Sediment depth was about 6". Dirt, trash
manually or by vacuum truck.	and sand.
Inspect piping for corrosion, open joints,	
cracked or crushed sections, and	Piping in good condition.
obstructions.	
Perform Hydrostatic Test	
1. Isolate the sump by shutting	
incoming and exiting valves.	
2. Fill the sump to operational level	
with fresh water and note the level.	Hydrostatic test passed.
3. Monitor the level for a minimum of	
4 hrs. Investigate seepage or	
leakage if liquids levels vary by	
more than ¹ / ₂ inch.	

*Note: See Images attached.

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Before Inspection:



After Inspection:



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Discharge Permit	GW-094
Inspector's Name:	Otoniel Puente – Plant Engineer
Designation and Location of Item Inspected:	Sump located in Wash Bay
Date Inspected:	07/16/11

Sump Information]
Volume:	25.5 ft ³	= 190.7532 Gal
Drained Products	Water and dirt	
Flow Estimation:	The flow varies depending on the use of the wash bay (# of tankers, totes, etc). In a normal operation day the flow estimation is around 2600 gallons/day.	

Item to be inspected	Comments
Check concrete for cracks, breaks, exposed reinforcing and settlement.	Cracks around sump area.
Check Sediment depth and remove manually or by vacuum truck.	Sediment at 4" thick. Mud and trash.
Inspect piping for corrosion, open joints, cracked or crushed sections, and obstructions.	Piping in good condition.
 Perform Hydrostatic Test Isolate the sump by shutting incoming and exiting valves. Fill the sump to operational level with fresh water and note the level. Monitor the level for a minimum of 4 hrs. Investigate seepage or leakage if liquids levels vary by more than ½ inch. 	Hydrostatic test passed.

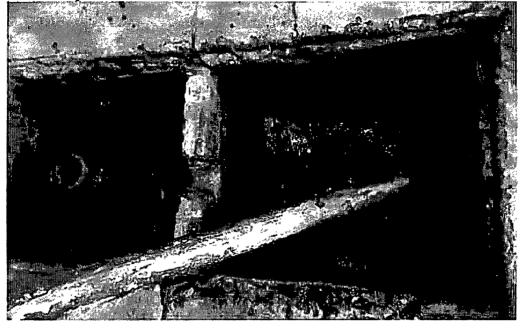
*Note: See Images attached.

18/21

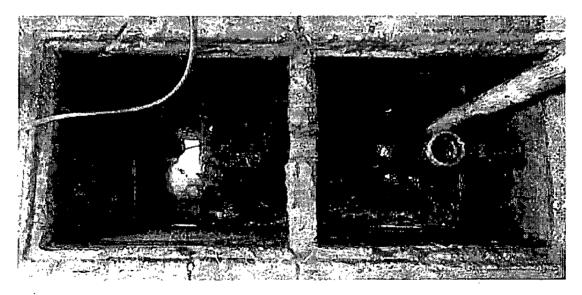


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Before Inspection:



After Inspection:





Discharge Permit	GW-094
Inspector's Name:	Otoniel Puente – Plant Engineer
Designation and Location	Oil/Water separator that discharges to POTW
of Item Inspected:	
Date Inspected:	07/16/11

Sum	p Information]
Volume:	595.5 ft ³	4454.6494 Gul
Drained Products	*Rain Water	1
	*Water that meets the specifications of	
	Hobbs NM Water Department.	
Flow Estimation:	The flow estimation is around 174,000	
	gallons/month plus the monthly rain	
	average.	

Make any comments, which are pertinent to the future maintenance needs		
Item to be inspected	Comments	
Check steel structure for rust, corrosion,	In good condition. No corrosion, scale or	
leakage, scale, damaged protective coating,	leakage. Protective coating still in good	
and damage.	condition.	
Check concrete for cracks, breaks, exposed	No cracks or breaks.	
reinforcing: settlement.	No cracks of breaks.	
Check painted surfaces for blistering,		
cracking, scaling, wrinkling, peeling, rust,	Coating in good condition.	
corrosion, absence of paint or any damage.		
Check Sediment depth and remove	Sediment at 4" thick. Mostly dirt and sand.	
manually or by vacuum truck.	All sediments were removed by vacuum	
	truck.	
Inspect piping for corrosion, open joints,		
cracked or crushed sections, and any	Piping in good condition.	
obstructions.		
Check secondary containment curbing for	In good condition.	
cracks, breaks, settlement.	in good condition.	
Perform Hydrostatic Test		
1. Isolate the sump by shutting		
incoming and exiting valves.		
2. Fill the sump to operational level		
with fresh water and note the level.	Hydrostatic test passed.	
3. Monitor the level for a minimum of		
4 hrs. Investigate seepage or		
leakage if liquids levels vary by		
more than 1/2 inch.		

*Note: See Images attached.

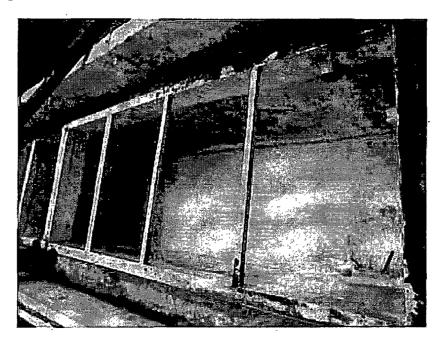
BAKER HUGHES

21/21

Before Inspection:



After Inspection:





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary

October 1, 2003

Lori Wrotenbery Director Oil Conservation Division

Mr. James H. Britton BJ Unichem Chemical Services P.O. Box 1499 Hobbs, New Mexico 88240

RE: Facility Inspection Hobbs Service Facility, GW-094 Lea County, New Mexico

Dear Mr. Britton:

The New Mexico Oil Conservation Division (OCD) on September 23, 2003, along with BJ Unichem Chemical Services personnel Mr. James H. Britton, Mr. Jeff Day and Mr. Shane Stroh inspected the Hobbs Service Facility. The purpose was general inspection for the discharge permit for this facility and in particular a review of the storm water runoff issue. After a review of the requirements of the discharge permit a walk through of the facility was conducted.

Note: For BJ Unichem Chemical Services information the OCD has enclosed copies of photos taken during the inspection.

The OCD would like to thank the BJ Unichem Chemical Services personnel for their professional conduct during the site visits. A plan for addressing the issues discussed during the inspection will be provided OCD by December 31, 2003. If there any questions regarding this report feel free to call me at (505)-476-3489.

Sincerely,

W. Jack Ford, C.P.G. Environmental Engineer OCD Environment Bureau

cc: OCD Hobbs District Office

ATTACHMENT NO.1 Hobbs Service Facility































September 23, 2003

Mr. Jack Ford Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Dear Jack:

Thank you very much for your visit to our Hobbs facility today. Based on your visit, BJ Unichem agrees to the following:

- 1. We will evaluate all potential solutions to our drum curbing issue as discussed.
- 2. No later than December 31, 2003, we will submit our action plan to you for approval.

Please let me know if there were any additional points that I have not addressed.

Sincerely,

BJ UNICHEM ÇHEMICAL SERVICES

Jim Britton Director of Manufacturing

cc: Jeff Day Shane Stroh Pam Moose JoAnn Cobb

JB/ew

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SEP **26** 2003 Oil Conservation Division





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July 20, 1995

New Mexico Oil Conservation Division Attn: Roger Anderson 2040 S. Pacheco Santa Fe, New Mexico 87504

Dear Roger:

On July 1-4, 1995, Unichem cleaned out and resealed our Hobbs POTW sump located at 707 N. Leech, Hobbs, New Mexico.

The sump was lined with steel (A-36-1/8"-10 gauge) sheeting. All seams were welded to insure a totally sealed metal system. The steel was then sandblasted and coated with a Hi-Build Epoxy 78 Series coating.

The job was completed at 11:00 a.m. Tuesday, July 4, and placed back in service at 7:00 a.m. July 5.

We also took this opportunity to re-calculate our discharge to the POTW. The outflow is now estimated at 1,200 gallons per day.

Photographs of the completed/coated POTW sump are enclosed for your information. In addition, Wayne Price inspected the sump in process of coating July 3.

If you have any questions or require any further information, please do not hesitate to contact us.

Sincerely,

UNICHEM, A DIVISION OF B.J. SERVICES CO. USA

Jim Britton Vice President--Operations

Enclosures

New Mexico Oil Conservation Division Page 2 Jim Britton

cc: Jerry Sexton--New Mexico Oil Conservation Division (Hobbs) Wayne Price--New Mexico Oil Conservation Division (Hobbs) Charlie Root Jay Miller Pam Moose Linda Gardner Wes Johnston Bill Clements

Note: Original photos sent to Roger Anderson and Jim Britton (file). All others have received photo copies of photographs.

JB/eb

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-- Juliy Joyim CATES FUSTICE STVISION OIL CONSERV NEW MEXICO OIL CONSERVATION COMMISSION RE 11 8 52 FIELD TRIP REPORT I F Н Q CUASS HEHUATH N A 0 υ ĩ). 125 川 S C I U A PECTH R R Date 7/3/95 WAYNE PRICE Name Miles /____District I L I Т Ε Time of Departure 7 AM T R Time of Return 4 PM Car No. G 04 0 Н In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken. 0 ō U Man 1 R N Signature Juin . 5 MNICHEM-HOBBS PLANT OF# GLU-94 INSPECTED POTE SUMP OVERHAUL DILL SAND LETLER OF DETRILS / PICTURES UI RECEIVE SUL DT 85 Jim Apitton (1563 Marto 7-5-95) PER Envormenter Energy Envormentation Ovision DISCUSSED ISSUE OF FULLE SILE ASSESSMENT BJ NEW OWNER . DOJ HAS DR-ADBOD REQUILERATE OF FASTAlling MW'S ON JITE NEW JUN BRITTON ! Mileage Per Diem Hours UIC UIC UIC rf a RFA RFA Other Other Other TYPE INSPECTION INSPECTICK NATURE OF SPECIFIC WELL PERFORMED CLASSIFICATION OR FACILITY INSPECTED - Housekeeping U - Underground Injection Control - Any inspection of or related to injection project, facility, or well or · Plugging D = Drilling = Plugging Cleanup P = Production resulting from injection into any well. (SND. 2ndry I = Injection - Well Test injection and production wells, water flows or pressure - Repair/Workover C = Combined prod. inj. tests, surface injection equipment, plugging, etc.) F = Waterflow operations - Inspections relating to Reclamation Fund Activity M = Mishap or Spill W = Water Contamination 5 = 5MD U . Underground Storage Other - Inspections not related to injection or The 0 = Other G - General Operation Reclamation Fund P = Facility of location E - Indicates some form of enforcement action taken in the H = Heating field (and ismediately below the letter U. R or O) 0 . Other

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE R21 SED

UN DIVISION

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BRUCE KING GOVERNOR

March 27, 1991

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

UNICHEM INTERNATIONAL P. O. BOX 1438 HOBBS, NM 88240

RE: INSPECTION OF PIT/UNICHEM YARD

ATTN: Mr. Wayne Price

Dear Sir;

On March 26, 1991, District I Supervisor, Jerry Sexton, of the Oil Conservation Division performed a thorough inspection of the pit located at the Unichem yard.

As result of this inspection the stained dirt that had been surfacing at the pit was removed and appeared to be in proper condition.

Sincerely,

JÉRRÝ SEXTON District I Supervisor

JS/sad

cc: Dave Boyer-Santa Fe