

NM2 - 21

**MONITORING  
REPORTS  
YEAR(S):**

2009-2010

## Hansen, Edward J., EMNRD

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**From:** Hansen, Edward J., EMNRD  
**Sent:** Thursday, April 16, 2009 4:49 PM  
**To:** Carolyn Haynes  
**Cc:** 'Gil Van Deventer'  
**Subject:** RE: JHHC (NM-02-0021) 2009 Semi-annual lab reports

Dear Ms. Haynes:

The New Mexico Oil Conservation Division (OCD) has reviewed the quarterly monitoring report for the above-referenced facility. The report indicates the requirements for monitoring at the site have been substantially met. However in addition to your current monitoring, since chloride monitoring is not specifically addressed in your permit or permit modification, chloride monitoring must be conducted in accordance with Part 36 [i.e., monitoring for chloride must be conducted semi-annually in both in the treatment zone at a depth of ~6" for each active lift of each cell (Cells #1, #10, #11, and #12) and the vadose zone at a depth of ~3' for each cell that has been used for landfarming at the facility.] Please monitor for chloride in both zones at your next quarterly sampling event and semi-annually thereafter in accordance with Subsections D and E of 19.15.36.15 NMAC.

Regarding groundwater monitoring: any request for an alternate monitoring frequency or constituents should be incorporated into a request for a permit minor modification request for the elimination of blending of salt-contaminated soils in Cells #1, #2 and #3. (Your facility would still be allowed to accept petroleum contaminated soils with chloride concentrations of 1,000 mg/Kg or less in accordance with Subsection A of 19.15.36.15 NMAC.)

Please let me know if you have any questions regarding these matters.

Edward J. Hansen  
Hydrologist  
Environmental Bureau  
505-476-3489

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**From:** Gil Van Deventer [mailto:[gilbertvandeventer@suddenlink.net](mailto:gilbertvandeventer@suddenlink.net)]  
**Sent:** Tuesday, April 14, 2009 8:33 AM  
**To:** Hansen, Edward J., EMNRD  
**Cc:** Carolyn Haynes  
**Subject:** JHHC (NM-02-0021) 2009 Semi-annual lab reports

Facility: Centralized Surface Waste Management Facility (NM-02-0021)  
Operator: John H. Hendrix Corp. (JHHC)  
Location: W/2 SW/4 and W/2 NW/4, Sec 15, T-24-S, R-36-E, Lea County NM  
Attachments: Laboratory analytical reports

Greetings Edward

Trident Environmental is acting as agent for JHHC for sampling and reporting activities associated with the above-referenced facility. Attached are the laboratory analytical reports for the semi-annual sampling event. On March 25, 2009, Rozanne Johnson (Arc Environmental) performed the groundwater sampling tasks and I took on the soil sampling duties. The annual sampling event is scheduled for the third quarter, probably October, of this year, after which the annual report documenting all operations and monitoring activities performed during the year will be submitted to you.

Please let me know if you need hard copies of these reports at this time or if they can wait until the annual reporting process. If you have any questions please feel free to contact me, or Carolyn Haynes at (432) 684-6631.

Thanks - Gil

Gilbert J. Van Deventer, PG, REM  
Trident Environmental  
P. O. Box 7624, Midland TX 79708  
Work/Mobile: 432-638-8740  
Fax: 413-403-9968  
Home: 432-682-0727

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## Hansen, Edward J., EMNRD

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**From:** Gil Van Deventer [gilbertvandeventer@suddenlink.net]  
**Sent:** Tuesday, April 14, 2009 8:33 AM  
**To:** Hansen, Edward J., EMNRD  
**Cc:** Carolyn Haynes  
**Subject:** JHHC (NM-02-0021) 2009 Semi-annual lab reports  
**Attachments:** H17133 JHC.pdf; H17134 TRIDENT.pdf

Facility: Centralized Surface Waste Management Facility (NM-02-0021)  
Operator: John H. Hendrix Corp. (JHHC)  
Location: W/2 SW/4 and W/2 NW/4, Sec 15, T-24-S, R-36-E, Lea County NM  
Attachments: Laboratory analytical reports

Greetings Edward

Trident Environmental is acting as agent for JHHC for sampling and reporting activities associated with the above-referenced facility. Attached are the laboratory analytical reports for the semi-annual sampling event. On March 25, 2009, Rozanne Johnson (Arc Environmental) performed the groundwater sampling tasks and I took on the soil sampling duties. The annual sampling event is scheduled for the third quarter, probably October, of this year, after which the annual report documenting all operations and monitoring activities performed during the year will be submitted to you.

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ANALYTICAL RESULTS FOR  
 TRIDENT ENVIRONMENTAL  
 ATTN: GIL VAN DEVENTER  
 P.O. BOX 7624  
 MIDLAND, TX 79708  
 FAX TO: (413) 403-9968

Receiving Date: 03/26/09

Reporting Date: 03/30/09

Project Number: V-180

Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY

Project Location: SEC 15 - T24S - R36E, LEA COUNTY, NM

Sampling Date: 03/25/09

Sample Type: SOIL

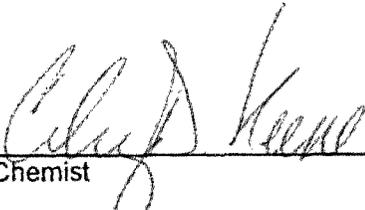
Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: AB

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)
ANALYSIS DATE:		03/27/09	03/27/09
H17134-1	CELL 11A (0'-2')	<10.0	<10.0
H17134-2	CELL 11A (2'-3')	<10.0	<10.0
H17134-3	CELL 11B (0'-2')	<10.0	298
H17134-4	CELL 11B (2'-3')	<10.0	<10.0
Quality Control		458	500
True Value QC		500	500
% Recovery		91.6	100
Relative Percent Difference		1.9	1.9

METHOD: SW-846 8015 M

  
 \_\_\_\_\_  
 Chemist

  
 \_\_\_\_\_  
 Date

H17134 T TRIDENT

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# ARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR  
TRIDENT ENVIRONMENTAL  
ATTN: GIL VAN DEVENTER  
P.O. BOX 7624  
MIDLAND, TX 79708  
FAX TO: (413) 403-9968

Receiving Date: 03/26/09

Reporting Date: 03/30/09

Project Number: V-180

Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY

Project Location: SEC 15 - T24S - R36E, LEA COUNTY, NM

Sampling Date: 03/25/09

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: AB

LAB NUMBER	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)
ANALYSIS DATE:		03/28/09	03/28/09
H17134-5	CELL 11C (0'-1')	<10.0	34.3
H17134-6	CELL 11C (2'-3')	<10.0	<10.0
H17134-7	CELL 11C-1 (0'-1')	<10.0	78.1
H17134-8	CELL 11C-1 (2'-3')	<10.0	<10.0
H17134-9	CELL 12A (0'-1')	<10.0	118
H17134-10	CELL 12A (2'-3')	<10.0	<10.0
H17134-11	CELL 12B (0'-1')	<10.0	67.8
H17134-12	CELL 12B (2'-3')	<10.0	<10.0
H17134-13	CELL 12C (0'-1')	<10.0	<10.0
H17134-14	CELL 12C (2'-3')	<10.0	<10.0
H17134-15	CELL 12C-1 (0'-1')	<10.0	66.6
H17134-16	CELL 12C-1 (2'-3')	<10.0	<10.0
H17134-17	CELL 10C (0'-1')	<10.0	2,340
H17134-18	CELL 10C (2'-3')	<10.0	<10.0
H17134-19	CELL 10C-1 (0'-1')	<10.0	152
H17134-20	CELL 10C-1 (2'-3')	<10.0	<10.0
H17134-21	CELL 1C (0'-1')	<10.0	45.3
H17134-22	CELL 1C (2'-3')	<10.0	<10.0
Quality Control		439	461
True Value QC		500	500
% Recovery		87.8	92.2
Relative Percent Difference		1.3	1.3

METHOD: SW-846 8015 M

  
Chemist

  
Date

H17134 T TRIDENT

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ATTN: GIL VAN DEVENTER  
P.O. BOX 7624  
MIDLAND, TX 79708  
FAX TO: (413) 403-9968

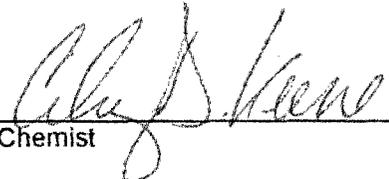
Receiving Date: 03/26/09  
Reporting Date: 04/01/09  
Project Number: V-180  
Project Name: JHHC SURFACE WASTE MANAGEMENT FACILITY  
Project Location: SEC 15 - T24S - R36E, ~ LEA CO., NM

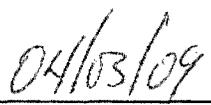
Sampling Date: 03/25/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: ZL

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		03/31/09	03/31/09	03/31/09	03/31/09
H17134-1	CELL 11A (0'-2')	<0.050	<0.050	<0.050	<0.300
H17134-2	CELL 11A (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-3	CELL 11B (0'-2')	<0.050	<0.050	<0.050	<0.300
H17134-4	CELL 11B (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-5	CELL 11C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-6	CELL 11C (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-7	CELL 11C-1 (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-8	CELL 11C-1 (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-9	CELL 12A (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-10	CELL 12A (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-11	CELL 12B (0'-1')	<0.050	<0.050	<0.050	<0.300
Quality Control		0.049	0.051	0.050	0.152
True Value QC		0.050	0.050	0.050	0.150
% Recovery		98.0	102	100	101
Relative Percent Difference		3.3	4.5	5.3	5.6

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES.

  
Chemist

  
Date

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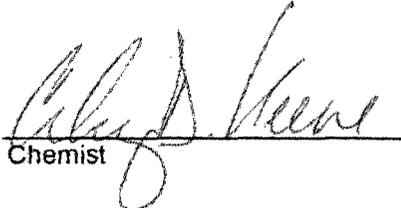
Receiving Date: 03/26/09  
Reporting Date: 04/01/09  
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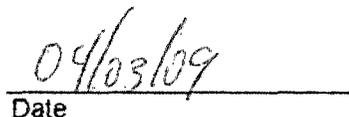
Sampling Date: 03/25/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: ZL

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		04/01/09	04/01/09	04/01/09	04/01/09
H17134-12	CELL 12B (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-13	CELL 12C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-14	CELL 12C (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-15	CELL 12C-1 (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-16	CELL 12C-1 (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-17	CELL 10C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-18	CELL 10C (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-19	CELL 10C-1 (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-20	CELL 10C-1 (2'-3')	<0.050	<0.050	<0.050	<0.300
H17134-21	CELL 1C (0'-1')	<0.050	<0.050	<0.050	<0.300
H17134-22	CELL 1C (2'-3')	<0.050	<0.050	<0.050	<0.300
Quality Control		0.049	0.050	0.048	0.147
True Value QC		0.050	0.050	0.050	0.150
% Recovery		98.2	99.0	96.4	98.1
Relative Percent Difference		1.6	1.4	2.0	2.0

METHOD: EPA SW-846 8021 B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
AND TOTAL XYLENES.

  
Chemist

  
Date





