3R - 366

GENERAL CORRESPONDENCE

YEAR(S):
1995

Bill Olson
This looks ok to me.
2-97

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

OIL CONSERVATION DIVISION
RECEIVED
'95 FEB 23 AM 8 52

P.O. Box 58900
Salt Lake City, UT 84158-0900
(801) 584-7033
FAX: (801) 584-6483

February 15, 1995

RECEIVED
FEB 17 1995
OIL CON. DIV.
DIST. 3

Mr. Denny Foust
New Mexico Oil Conservation Division
District III Office
1000 Rio Brazos Road
Aztec, New Mexico 87410

Dear Mr. Foust:

Per your request, Williams Field Services (WFS) performed an assessment of the L-22 line drip on January 24, 1995. The purpose of the investigation was to assess the extent of soil contamination associated with a tank overflow which occurred on December 16, 1994. A copy of the assessment is attached for your review. Hydrocarbon contamination was detected in site soils; however, the contamination was limited to the earthen pit. Based on the results of this assessment, WFS will include this pit in our pit remediation program outlined in the approved Closure Plan previously submitted to OCD.

If you have any questions or require additional information, please do not hesitate to contact me at (801) 584-6543.

Sincerely,

Leigh E. Gooding

Leigh E. Gooding, P.G.
Environmental Specialist

ASSESSMENT OF L-22 LINE DRIP

Following the discovery of an overflow from a tank adjacent to the L-22 line drip, Williams Field Services initiated an assessment of the impact which this event may have had on the surrounding environment.

The L-22 line drip is located in the SE 1/4 of Section 13, T27N, R5W, Rio Arriba County, New Mexico. Associated with the drip system are two above ground tanks used to hold liquids (condensate and water) which are removed at this point. On December 16, 1995, condensate from one of the tanks was observed to be overflowing onto the ground and ultimately into an earthen pit holding a fiberglass tub. The New Mexico Oil Conservation Division (NMOCD) was notified of the release and clean up action was initiated. The description of this action was previously included in a notice to NMOCD, therefore it is not included here.

On January 24, 1995, a WFS Environmental Services representative traveled to the site to conduct the assessment. Due a recent precipitation event, the ground surrounding the tanks was snow covered and could not be observed for visible staining. Therefore, any estimation on the area impacted could not be made.

Soil samples were collected from the earthen depression holding the fiberglass liner which was the area where condensate was observed to have "pooled", and that area which was the focus of clean up efforts mentioned above. In addition, because of the site proximity to the Carrizo wash and to drainages within 50' of the area of concern, soil samples were collected outside the L-22 line drip perimeter fence. Samples were collected from the wash due west of the tanks and from the small drainage south of the same area.

Samples were collected using a stainless steel soil probe and placed in 4-oz. glass jars which were cooled for transporting to the laboratory. Each sample was analyzed by Utility Testing Laboratory in Salt Lake City. As the results show (see attached), samples collected from a 3' depth within the earthen berm were found contaminated at levels exceeding the NMOCD pit closure guidelines of 100 ppm total petroleum hydrocarbons (TPH). Samples collected from each of the adjacent drainages were found to be free of hydrocarbon contamination.

Based on the results obtained, the earthen pit was found to have hydrocarbon contamination resulting from overflow and/or from past operations prior to the installation of the fiberglass liner. The drainages were found not to have been impacted by the release and therefore it is concluded that the contamination remained within the perimeter of the fence line.

WFS has proposed to increase tank inspections as well as install engineering controls to prevent a future release of this type. Because the site is located in the NMOCD "Vulnerable Area", it is further proposed that this site be included in the pit remediation program described in the Closure Plan previously submitted to, and approved by NMOCD.

UTILITY TESTING LABORATORY

875 SO. CHESTNUT ST.
P. O. BOX 25005
SALT LAKE CITY, UTAH 84125
PHONE: (801) 973-8305
FAX: (801) 973-8333

February 10, 1995

Williams Field Services
295 Chipeta Way
Salt Lake City, UT 84158-0900

Attention: Mr. Mark Harvey

Subject: TPH Testing - Proj. - L-22 Line Drip + La Maquina

Sample Collected: 24 Jan 1995

Sample Received: 25 Jan 1995

TOTAL PETROLEUM HYDROCARBONS (TPH) - GASOLINE & DIESEL
(MODIFIED CALIFORNIA METHOD 8015)
METHOD DETECTION LIMITS: 10 ppm SOIL, .5 ppm WATER

Test No.	SOIL SAMPLE	Test Results mg/Kg, mg/L (ppm)
01-25-95-02	NW CORNER OF PIT @ 3'	1,440 mg/Kg Gasoline
		< 100 mg/Kg Diesel
Date Analyzed:		1,440 mg/Kg TPH
27 JAN 1995		

Test No.	SOIL SAMPLE	Test Results mg/Kg, mg/L (ppm)
01-25-95-04	SE OF TANK	4,520 mg/Kg Gasoline
	SE CORNER OF PIT @3'	< 100 mg/Kg Diesel
Date Analyzed:		4,520 mg/Kg TPH
01 FEB 1995		

UTILITY TESTING LABORATORY

D. M. Thorsen

D. M. Thorsen

UTILITY TESTING LABORATORY

875 SO. CHESTNUT ST.
P. O. BOX 25005
SALT LAKE CITY, UTAH 84125
PHONE: (801) 973-8305
FAX: (801) 973-8333

February 10, 1995

Williams Field Services
295 Chipeta Way
Salt Lake City, UT 84158-0900

Attention: Mr. Mark Harvey

Subject: TRH Testing - Proj. - L-22 Line Drip + La Maquina

Sample Collected: 24 Jan 1995

Sample Received: 25 Jan 1995

TOTAL RECOVERABLE HYDROCARBONS (TRH)
(METHOD 418.1)
METHOD DETECTION LIMITS: 10 ppm SOIL, .5 ppm WATER

Test No.	SOIL SAMPLE	Test Results mg/Kg, mg/L (ppm)
01-25-95-02	NW CORNER OF PIT @3'	329 mg/Kg TRH
Test No.	SOIL SAMPLE	Test Results mg/Kg, mg/L (ppm)
01-25-95-03	WEST DRAINAGE @ 6'	< 10 mg/Kg TRH
Test No.	SOIL SAMPLE	Test Results mg/Kg, mg/L (ppm)
01-25-95-04	SE OF TANK SE CORNER OF PIT @ 3'	8,610 mg/Kg TRH
Test No.	SOIL SAMPLE	Test Results mg/Kg, mg/L (ppm)
01-25-95-05	S. DRAINAGE 3 PT COMPOSITE @ 6'	< 10 mg/Kg TRH

Date Analyzed:
27 JAN 1995

UTILITY TESTING LABORATORY

D. M. Thorsen

D. M. Thorsen

CHAIN OF CUSTODY RECORD

DATE 1/25/95 PAGE 1 OF 1

Laucks Testing Laboratories, Inc.

THIS INFORMATION WILL BE USED FOR REPORTING

NAME: WILLIAMS FIELD SERVICES

ADDRESS: 295 CHIMETA WAY
SLC, UT

ATTENTION: MARK HARVEY

PROJECT NAME: L-22 LINE DRIP + LA MAQUINA

JOB/PO. NO.

SAMPLER (SIGNATURE): M. Harvey (PRINTED NAME): M. HARVEY

LAB NO.	LAB SA #	SAMPLE NO.	DATE	TIME	LOCATION	TESTING PARAMETERS: TCLP D-LIST METALS	TRH 418.1	TPH 8015	NO. OF CONTAINERS	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
		LM-AM01	1/24	3:50p	LA MAQUINA	X				LA MAQUINA SPILL AREA
		L-2201	1/24	12:45p	NW CORNER		X	O		NW CORNER OF PIT @ 3'
		L-2202	1/24	12:55p	W. DRAINAGE		X	O		WEST DRAINAGE @ 6"
		L-2203	1/24	1:05p	SEPTIC TANK		X	O		SE CORNER OF PIT @ 3'
		L-2204	1/24	1:20p	S. DRAINAGE		X	O		3 PT COMPOSITE FROM S. DRAINAGE @ 6"
										O - ANALYZE USING METHOD 8015 IF TPH BY 418.1 > 100 ppm

RELINQUISHED BY
SIGNATURE: M. Harvey
PRINTED NAME: M. HARVEY
COMPANY: WES
DATE: 1/25/95
TIME: 8:50a

RECEIVED BY
SIGNATURE: Angela Swenson-Ross
PRINTED NAME: Angalee Swenson-Ross
COMPANY: UTL
DATE:
TIME:

RELINQUISHED BY
SIGNATURE:
PRINTED NAME:
COMPANY:
DATE:
TIME:

RECEIVED BY
SIGNATURE:
PRINTED NAME: ~~LAUCKS TESTING LABS~~
DATE:
TIME:

TOTAL NUMBER OF CONTAINERS:

SHIPMENT METHOD:

SPECIAL SHIPMENT, HANDLING OR STORAGE REQUIREMEN

INSTRUCTIONS:

1. Shaded areas for lab use only.
2. Complete in ballpoint pen. Draw one line through errors and initial.
3. Be specific in test requests.
4. Check off tests to be performed for each sample.
5. Retain final copy after signing.
6. Provide name and telephone of your contact person.

NAME: MARK HARVEY

TELEPHONE: 584-6361

BILLING INFORMATION, IF DIFFERENT

NAME

ADDRESS

ATTN: