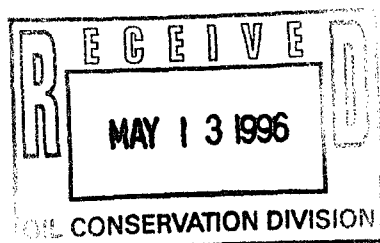


3R - 363

**GENERAL
CORRESPONDENCE**

YEAR(S):

1996



WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

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

May 8, 1996

Mr. Kurt Sandavol
Jicarilla Apache Tribe
Environmental Office
P.O. Box 507
Dulce, New Mexico 87528

Dear Mr. Sandavol:

Pusuant to New Mexico Water Quality Control Commission (WQCC) Regulations Section 1-203 and the Clean Water Act, Williams Field Services (WFS) hereby provides written notification of groundwater contamination at the H-12 line leak in the Tancosa Wash (Sec 9, T23N, R5W). The leak was reported to your office, the National Response Center, and the New Mexico Oil Conservation Division on April 24, 1996. Line replacement work commenced on April 26, 1996. WFS instructed the contractor to remove as much of the visually affected soil as practical. Contaminated soils were stockpiled and transported approximately one mile south to WFS's B-Land Compressor Station for land farming.

Following the removal of the majority of affected soil, the line replacement was completed with the installation of 200' of new 4" pipe. WFS' environmental specialist then collected soil samples from the excavation sidewalls and from the water present in the bottom of the excavation. Another water sample was collected from a point approximately 50' downstream of the excavation. Samples were sent to a laboratory to determine the concentration of total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (BTEX). A table summarizing the laboratory results along with the analytical report is attached. Following sampling, the excavation was backfilled and the area re-graded.

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

Sincerely,

Leigh E. Gooding
Sr. Environmental Specialist

cc: ~~William Olson, OCD~~
Denny Foust, OCD
Fred Link, JIC
Mark Harvey, WFS

RESULTS SUMMARY TABLE

SAMPLE NO.	LOCATION	BENZENE (ppb)	TPH
H12-SWN-C01 WE	North sidewall from the wash - east	—	73 ppm
H12-SWN-C01 WW	North sidewall from the wash - west	—	< 2 ppm
H12-STP-01	Composite sample from clean stockpile	—	< 2 ppm
H12-SWS-01	South sidewall from the wash - west	—	< 2 ppm
H12-WN-01	Water from wash approximately 50' north	< 2	26 ppb
H12-WW-01D	Water from the bottom of the excavation	23	42 ppm



ORGANIC ANALYSIS REPORT

AMERICAN Client: Williams Field Services
WEST Contact: Mark Harvey

Date Analyzed: May 01, 1996

ANALYTICAL
LABORATORIES Analysis Requested:
Volatile Aromatics
Total Petroleum Hydrocarbons

Method Ref. Number:
SW-846 #8020/8015
(Extraction - Sequential GC/PID/FID)

Lab Sample ID:
L25725-Method Blank

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

BTX/TPH-E

Units = mg/kg(ppm)

Compound:

Reporting Limit:

Amount Detected:

Benzene

0.10

<0.10

(801) 263-8686
Fax (801) 263-8687

Toluene

0.10

<0.10

Ethylbenzene

0.10

<0.10

Total Xylene

0.10

<0.10

Total Petroleum Hydrocarbons

2.0

<2.0

Released By:


Laboratory Supervisor

Report Date: May 03, 1996

1 of 1



AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

Client: Williams Field Services

Date Sampled: April 26, 1996

Date Received: April 29, 1996

Analysis Requested:

Total Petroleum Hydrocarbons

Contact: Mark Harvey

Date Extracted: April 30, 1996

Date Analyzed: May 01, 1996

Method Ref. Number:

SW-846 #8015

(Extraction - GC/FID)

Field Sample ID:

H12-SWN-CO1(W-E)

H-12 LINE REPLACEMENT

Lab Sample ID:

L25725-1

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0

73.

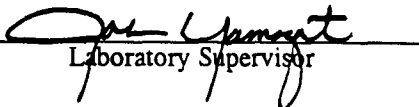
(801) 263-8686

Fax (801) 263-8687

* All compounds are reported on a dry weight basis.

< Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:


Laboratory Supervisor

Report Date: May 03, 1996

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ORGANIC ANALYSIS REPORT

AMERICAN WEST ANALYTICAL LABORATORIES
Client: Williams Field Services
Date Sampled: April 26, 1996
Date Received: April 29, 1996
Analysis Requested:
Total Petroleum Hydrocarbons

Contact: Mark Harvey
Date Extracted: April 30, 1996
Date Analyzed: May 01, 1996

Method Ref. Number:
SW-846 #8015
(Extraction - GC/FID)

Field Sample ID:
H12-SWN-O1(W-W)
H-12 LINE REPLACEMENT

Lab Sample ID:
L25725-2

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

TPH-E

Units = mg/kg(ppm)

Compound:

Reporting
Limit:

Amount
Detected:

Total Petroleum Hydrocarbons

2.0

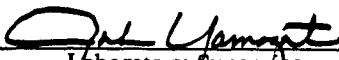
< 2.0

(801) 263-8686
Fax (801) 263-8687

* All compounds are reported on a dry weight basis.

< Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:


Laboratory Supervisor

Report Date: May 03, 1996

1 of 1

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AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

Client: Williams Field Services

Date Sampled: April 26, 1996

Date Received: April 29, 1996

Contact: Mark Harvey

Date Extracted: April 30, 1996

Date Analyzed: May 01, 1996

Analysis Requested:

Volatile Aromatics

Total Petroleum Hydrocarbons

Method Ref. Number:

SW-846 #8020/8015

(Extraction-Sequential GC/PID-FID)

Field Sample ID:

H12-STP-01

H-12 LINE REPLACEMENT

Lab Sample ID:

L25725-3

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

Units = mg/kg(ppm)

BTX/TPH-E

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.10	< 0.10
(801) 263-8686 Toluene Fax (801) 263-8687	0.10	< 0.10
Ethylbenzene	0.10	< 0.10
Total Xylene	0.10	< 0.10
Total Petroleum Hydrocarbons	2.0	< 2.0

* All compounds are reported on a dry weight basis.

< Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:


Laboratory Supervisor

Report Date: May 03, 1996

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AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Date Sampled: April 26, 1996
Date Received: April 29, 1996

Analysis Requested:
Total Petroleum Hydrocarbons

Field Sample ID:
H12-SWS-O1
H-12 LINE REPLACEMENT

Contact: Mark Harvey
Date Extracted: April 30, 1996
Date Analyzed: May 01, 1996

Method Ref. Number:
SW-846 #8015
(Extraction - GC/FID)

Lab Sample ID:
L25725-4

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

Units = mg/kg(ppm)

TPH-E

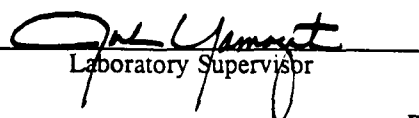
<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Total Petroleum Hydrocarbons	2.0	< 2.0

(801) 263-8686
Fax (801) 263-8687

* All compounds are reported on a dry weight basis.

< Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:


Laboratory Supervisor

Report Date: May 03, 1996

1 of 1

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AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Williams Field Services
Contact: Mark Harvey

Date Analyzed: April 30, 1996

Analysis Requested:
Volatile Aromatics
Total Purgeable Hydrocarbons

Method Ref. Number:
SW-846 #8260
(Purge & Trap GC/MS)

Lab Sample ID:
L25725-Method Blank

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Fax (801) 263-8687

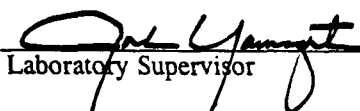
Analytical Results

Units = mg/L(ppm)

BTX/TPH-P

<u>Compound:</u>	<u>Reporting Limit:</u>	<u>Amount Detected:</u>
Benzene	0.002	<0.002
Toluene	0.002	<0.002
Ethylbenzene	0.002	<0.002
Total Xylene	0.002	<0.002
Total Purgeable Hydrocarbons	0.020	<0.020

Released By:


Laboratory Supervisor

Report Date: May 01, 1996

1 of 1



AMERICAN
WEST
ANALYTICAL
LABORATORIES

ORGANIC ANALYSIS REPORT

Client: Williams Field Services
Date Sampled: April 26, 1996
Date Received: April 29, 1996

Contact: Mark Harvey
Date Analyzed: April 30, 1996

Analysis Requested:
Volatile Aromatics
Total Purgeable Hydrocarbons

Method Ref. Number:
SW-846 #8260
(Purge & Trap GC/MS)

Field Sample ID:
H-12 LINE REPLACEMENT
H12-WN-01

Lab Sample ID:
L25725-5

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

BTX/TPH-P

Units = mg/L(ppm)

Compound:	Reporting Limit:	Amount Detected:
Benzene	0.002	<0.002
(801) 263-8686 Toluene Fax (801) 263-8687	0.002	<0.002
Ethylbenzene	0.002	<0.002
Total Xylene	0.002	0.005
Total Purgeable Hydrocarbons	0.020	0.026

WATER IN WASH ~ 50' FROM LINE LEAK

< Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By: Don Young
Laboratory Supervisor

Report Date: May 01, 1996

1 of 1



ORGANIC ANALYSIS REPORT

Client: Williams Field Services
AMERICAN Date Sampled: April 26, 1996
WEST Date Received: April 29, 1996

Contact: Mark Harvey
Date Analyzed: April 30, 1996

ANALYTICAL
LABORATORIES Analysis Requested:
Volatile Aromatics
Total Purgeable Hydrocarbons

Method Ref. Number:
SW-846 #8260
(Purge & Trap GC/MS)

Field Sample ID:
H-12 LINE REPLACEMENT
H12-WW-01D

Lab Sample ID:
L25725-6

463 West 3600 South
Salt Lake City, Utah 84115

Analytical Results
Units = mg/L(ppm)

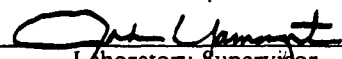
BTX/TPH-P

Compound:	Reporting Limit:	Amount Detected:
Benzene	0.005	0.023
(801) 263-8686 Toluene Fax (801) 263-8687	0.005	0.005
Ethylbenzene	0.005	<0.005
Total Xylene	0.005	0.71
Total Purgeable Hydrocarbons	0.050	42.

WATER IN WASH @ BOTTOM OF EXCAVATION
(THIS WATER STIRRED + MIXED FROM EXCAVATION ACTIVITIES)

< Value = None detected above the specified detection limit, or a value that reflects a reasonable limit due to interferences.

Released By:


Laboratory Supervisor

Report Date: May 01, 1996

1 of 1

**AMERICAN
WEST
ANALYTICAL
LABORATORIES**
463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686
Fax (801) 263-8687

LAB # 25725

CLIENT WILLIAMS FIELD SERVICES

ADDRESS P.O. Box 53700

511, 511, 81158

PHONE/FAX

CONTACT MARK HARVEY

SITE H-12 LINE REPLACEMENT

SAMPLER'S SIGNATURE

SAMPLER'S SIGNATURE

SAMPLE ID

MATRIX

SAMPLE
DATE/TIME

H12-SWN-COI (W-E)

H12-SWN-01 (W-W)

10-015-011

H12-SWS-01

H13-WN-01

H13 - W11 - Q1D

Quote #/P.O. #

Special Instructions: CALL 801-534-6361 w/voicemails

PRINT NAME _____

Dispatched By: Signature

Date/Time

PRINT NAME _____

Received for Laboratory By: 1, Date/Time

PRINT NAME

TURN AROUND TIME

TURN AROUND TIMES
I = Priority I
II = Priority II
III = 5 Day Rush
S = Standard

COMMENTS

OF CONTAINERS
 BTX/TPH
 VOLATILES
 SEMI-VOLATILES
 DUST METALS
 ET PROFILE
 (12/1/80)

S	WASH - WEST	(4A)
S	WASH - WEST	(4A)
S	SOIL STOCKPILE	(4A)
S	WASH - WEST	(4A)
S	WATER N. OF LEAK - DIRECTION OF	
S	WATER FROM EXC. FLOOR	

VERGAL RESULTAT

Exhibit ~
cc Muker +

July

Received By: <i>Signature</i>	Date/Time
-------------------------------	-----------

Date/Time

Relinquished By/ Signature

PRINT NAME

Received By: <i>Signature</i>	Date/Time
-------------------------------	-----------

PRINT NAME

Received for Laboratory By: , Date/Time

PRINT NAME Ar/pa/po 11/6/6.