

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: 6/16/94Remediation Method: Excavation ☒ Approx. cubic yards 165
(Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
Other _____Remediation Location: Onsite ☒ Offsite _____
(ie. landfarmed onsite,
name and location of
offsite facility)

General Description Of Remedial Action: _____

Excavation

Ground Water Encountered: No ☒ Yes _____ Depth _____Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)Sample location see Attached DocumentsSample depth 6' (PIT Bottom)Sample date 6/16/94 Sample time 1535

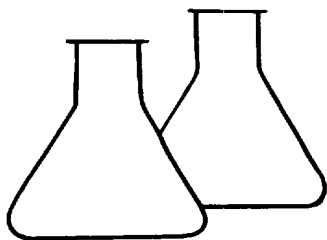
Sample Results

Benzene(ppm) NDTotal BTEX(ppm) 1.002Field headspace(ppm) 429TPH 306 ppmGround Water Sample: Yes _____ No ☒ (If yes, attach sample results)I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST
OF MY KNOWLEDGE AND BELIEFDATE 6/20/94

SIGNATURE

B. ShawPRINTED NAME
AND TITLEBuddy D. Shaw
Environmental Coordinator

6/16/94



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

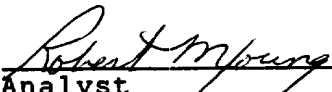
Client:	Amoco	Project #:	92140
Sample ID:	5 @ 6'	Date Sampled:	06-16-94
Laboratory Number:	7645	Date Received:	06-16-94
Sample Matrix:	Soil	Date Analyzed:	06-26-94
Preservative:	Cool	Date Reported:	06-30-94
Condition:	Cool and Intact	Analysis Needed:	TPH

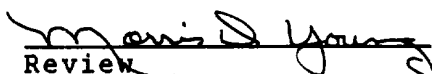
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
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Total Petroleum Hydrocarbons	306	30.0

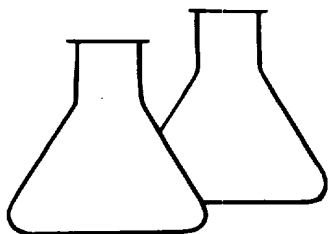
ND = Parameter not detected at the stated detection limit.
N/A = Not applicable

Method: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: VCU #3 Blow Pit A0059


Analyst


Review



ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
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EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Amoco	Project #:	92140
Sample ID:	5 @ 6'	Date Reported:	07-01-94
Laboratory Number:	7645	Date Sampled:	06-16-94
Sample Matrix:	Soil	Date Received:	06-16-94
Preservative:	Cool	Date Extracted:	06-26-94
Condition:	Cool & Intact	Date Analyzed:	06-28-94
		Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	13.5
Toluene	109	13.5
Ethylbenzene	ND	13.5
p,m-Xylene	510	437.7
o-Xylene	383	13

SURROGATE RECOVERIES:	Parameter	Percent Recovery
	Bromofluorobenzene	91 %

Method: Method 5030, Purge-and-Trap, Test Methods for
Evaluating Solid Waste, SW-846, USEPA, July 1992

Method 8020, Aromatic Volatile Organics, Test Methods
for Evaluating Solid Waste, SW-846, USEPA, Sept. 1986.

ND - Parameter not detected at the stated detection limit.

Comments: VCU #3 Blow Pit A0059

Robert M. Young
Analyst

Marion D. Young
Review

CLIENT: AMOCOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: A0059

C.D.C. NO: _____

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: VCU WELL #: 3 PITS: BLOWDATE STARTED: 11-18-97

DATE FINISHED: _____

QUAD/UNIT: 6 SEC: 22 TWP: 28N RNG: 4W PM: N/M CNTY: RA ST: NMENVIRONMENTAL
SPECIALIST: JCB

DTP/FOOTAGE: _____

CONTRACTOR: _____

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 165LAND USE: RANGE

LIFT DEPTH (ft): _____

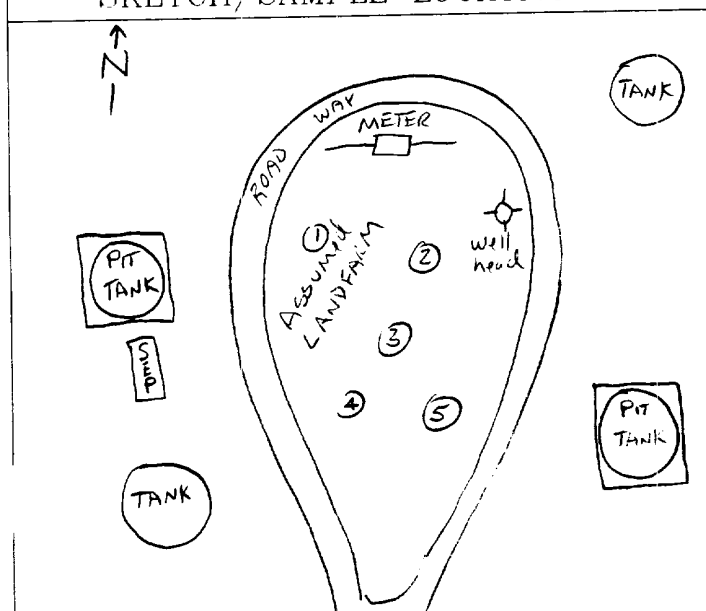
FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000NMDCD RANKING SCORE: 0 NMDCD TPH CLOSURE STD: 5000 PPM

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm
1315	LF-1	1930	5.0	20.0	4x	19	76

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0				

SCALE



0 FT

TRAVEL NOTES:

CALLOUT: _____

ONSITE: _____

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client:	AMOCO	Project #:	
Sample ID:	Landfarm	Date Analyzed:	11-19-97
Project Location:	VCU # 3	Date Reported:	11-19-97
Laboratory Number:	TPH-1930	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
Total Recoverable Petroleum Hydrocarbons	76	20

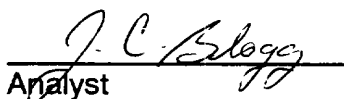
ND = Not Detectable at stated detection limits.

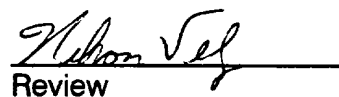
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	608	568	6.80

* Administrative Acceptance limits set at 30%.

Method: Modified Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No.4551, 1978

Comments: Landfarm Composite Sample


Analyst


Review

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

Field TPH-Worksheet

Max Characters:

Client:

AMOCO

Project #:

Sample ID:

Landfarm

Date Analyzed:

11-19-97

Project Location:

VCU # 3

Date Reported:

11-19-97

Laboratory Number:

TPH-1930

Sample Matrix:

Soil

Sample Weight:

5.00 grams

Volume Freon:

20.00 mL

Dilution Factor:

1 (unitless)

TPH Reading:

19 mg/kg

TPH Result:

76.0 mg/kg

Reported TPH Result:

76 mg/kg

Actual Detection Limit:

20.0 mg/kg

Reported Detection Limit:

20 mg/kg

QA/QC:

Original
TPH mg/kg

Duplicate
TPH mg/kg

%
Diff.

608

568

6.80

Comments:

*****Max Characters*****

Comments:

Landfarm Composite Sample