

HAFB 2003



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 49TH FIGHTER WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

13 AUG 2003

MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

Ms. Sandra Martin

Hazardous Waste Bureau
4131 Montgomery NE
Albuquerque, NM 87109

FROM: 49 CES/CD
550 Tabosa Ave
Holloman AFB NM 88330-8458

SUBJECT: Supplemental Information for Final Closure of SWMU 136 – Building 1119 Washrack
Drainage Pit, Holloman AFB, NM (ref yr 10 Jul 03 ltr)

1. Our response to referenced letter regarding the Final Closure Report for SWMU 136 is attached. This supplemental information should permit a complete review of the subject document.
2. If you have any questions, please contact Mr. Dan Holmquist at (505) 572-5395.

Howard E. Moffitt
 HOWARD E. MOFFITT
 Deputy Base Civil Engineer

Attachment:
Response to NMED Comments and Analytical Results

cc (w/Atch):

Cornelius Amindyas NMED-HWD
Hazardous Waste Bureau
4131 Montgomery NE
Albuquerque, NM 87109

Rob Warder NMED-HWD
Hazardous Waste Bureau
4131 Montgomery NE
Albuquerque, NM 87109

James Harris
USEPA 6 PD-N, Cube 6.060
1445 Ross Ave., Ste 12
Dallas, TX 75202-2733

NM ENVIRONMENT DEPARTMENT
RECEIVED

AUG 15 2003

DISTRICT OFFICE

CERTIFIED RECEIP NO. 7001 1940 0002 2179 4560
RETURNED RECEIPT REQUESTED

Global Power for America

**RESPONSE TO NMED COMMENTS REGARDING
THE FINAL CLOSURE REPORT FOR SWMU 136-BUILDING 1119
WASHRACK DRAINAGE PIT
HOLLOMAN AFB, NEW MEXICO**

The following comments regarding the request for final closure at SWMU 136 were transmitted to the Base from NMED on July 10, 2003. Each comment from NMED (*in Italics*) and the response is presented below.

1. *HAFB will provide a detailed location map that contains the original outline of the concrete pad, the 1999 initial and subsequent excavations, and the March 5, 2003 sampling locations.*

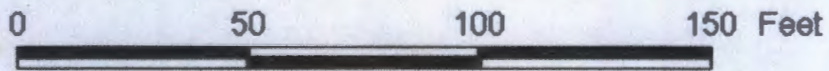
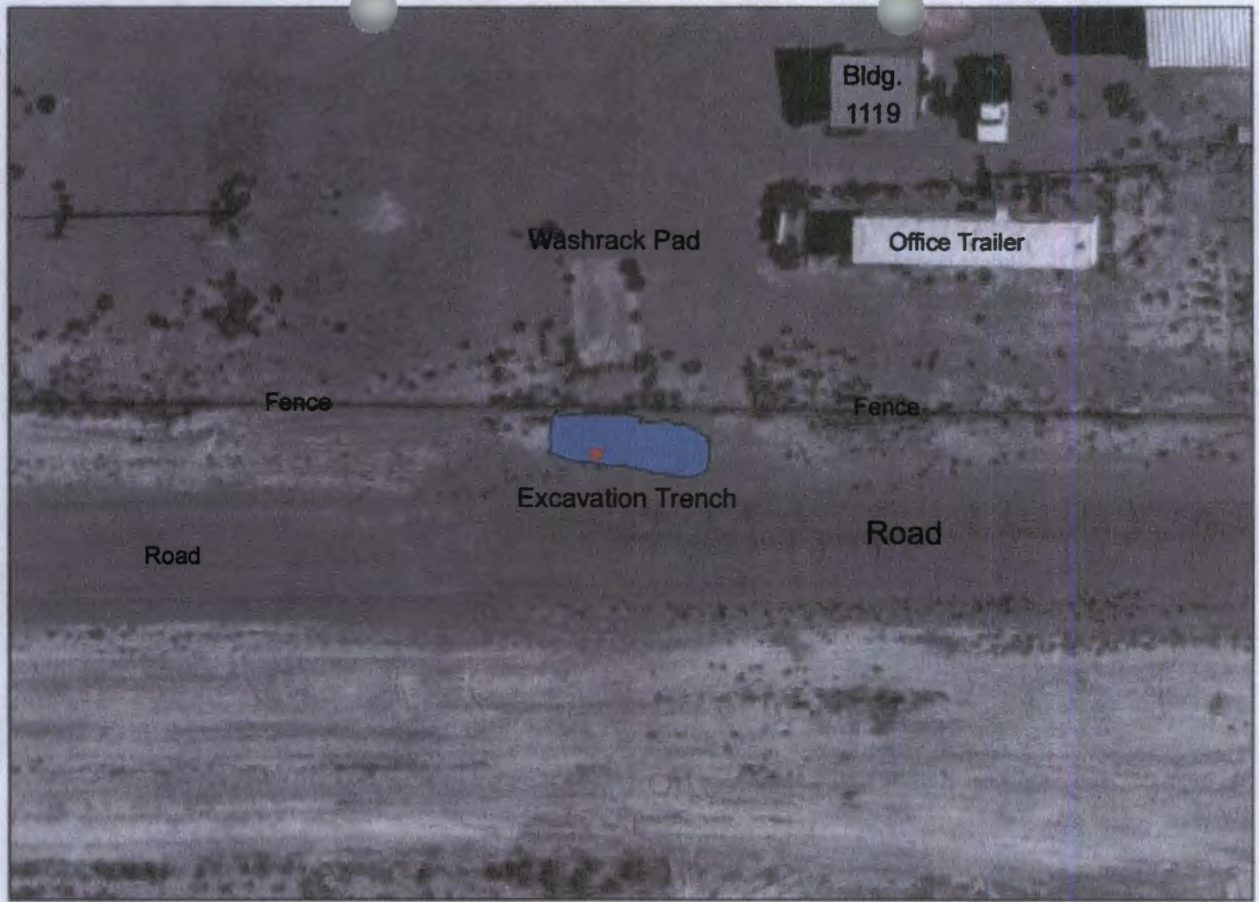
Response:

Attachment 1 is a scaled aerial photograph of the area surrounding SWMU 136 and is overlain with a map of the excavated area (shaded blue), and the sample location (the red dot). The concrete wash pad is the rectangular feature immediately north of the excavation.

2. *HAFB will provide the laboratory results of all samples obtained which include the 84 analytes, and the laboratory QA/QC reports.*

Response:

Attachment 2 is the complete laboratory analytical from Associated Laboratories, Inc. (Orange, CA) which includes all petroleum hydrocarbon analysis, the 84 volatile and semi-volatile constituents and the method quality assurance/quality control data.



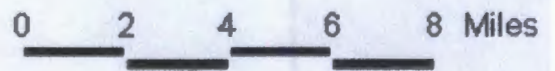
● Sample Location ■ Trench

Sample Numbers

136-03-16
136-01-17
136-02-20



HAFB
Location Map



Attachment 1

SWMU-136, HOLLOMAN AFB, NM

SAMPLES ANALYZED FOR BHATE
by Associated Laboratories, Orange, CA

Project ID: SWMU 136

Project Description:

LR #	Order #	Client Smpl. ID	S.Date	Method	Analyte	Result	DLR	Units
108178	419515	136-01-17	03/19/2003	8015	C06 - C10	ND	3	mg/Kg
108178	419515	136-01-17	03/19/2003	8015	C10 - C22	398	60.0	mg/Kg
108178	419515	136-01-17	03/19/2003	8015	C22 - C32	ND	5	mg/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1,1,2-Tetrachloroethan	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1,1-Trichloroethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1,2,2-Tetrachloroethan	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1,2-Trichloroethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1,2-Trichlorotrifluoroet	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1-Dichloroethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1-Dichloroethene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,1-Dichloropropene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2,3-Trichlorobenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2,3-Trichloropropane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2,4-Trichlorobenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2,4-Trimethylbenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2-Dibromo-3-chloropro	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2-Dibromoethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2-Dichlorobenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2-Dichloroethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,2-Dichloropropane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,3,5-Trimethylbenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,3-Dichlorobenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,3-Dichloropropane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,4-Dichlorobenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1,4-Dioxane	ND	200	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	1-Chlorohexane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	2,2-Dichloropropane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	2-Butanone (MEK)	ND	100	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	2-Chloroethyl vinyl ether	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	2-Chlorotoluene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	2-Hexanone	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	4-Chlorotoluene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	4-Methyl -2- Pentanone	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Acetone	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Acetonitrile	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Acrolein	ND	200	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Acrylonitrile	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Allyl chloride	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Benzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Benzyl chloride	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Bromobenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Bromochloromethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Bromodichloromethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Bromoform	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Bromomethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Carbon Disulfide	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Carbon tetrachloride	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Chlorobenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Chloroethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Chloroform	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Chloromethane	ND	5	ug/Kg

SAMPLES ANALYZED FOR BHATE
by Associated Laboratories, Orange, CA

Project ID: SWMU 136

Project Description:

LR #	Order #	Client Smpl. ID	S Date	Method	Analyte	Result	DLR	Units
108178	419515	136-01-17	03/19/2003	8260B	Dibromochloromethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Dibromomethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Dichlorodifluoromethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Ethyl benzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Ethyl methacrylate	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Hexachlorobutadiene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Iodomethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Isopropylbenzene (Cumene)	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Methacrylonitrile	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Methyl methacrylate	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Methyl-tert-butylether (	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Methylene chloride	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Naphthalene	10	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Pentachloroethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Propionitrile	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Styrene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Tetrachloroethene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Toluene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Trichloroethene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Trichlorofluoromethane	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Vinyl acetate	ND	50	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Vinyl chloride	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	Xylenes, total	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	cis-1,2-Dichloroethene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	cis-1,3-Dichloropropene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	cis-1,4-Dichloro-2-butene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	m and p-Xylene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	n-Butylbenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	n-Propylbenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	o-Xylene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	p-Isopropyltoluene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	sec-Butylbenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	tert-Butylbenzene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	trans-1,2-Dichloroethene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	trans-1,3-Dichloropropene	ND	5	ug/Kg
108178	419515	136-01-17	03/19/2003	8260B	trans-1,4-Dichloro-2-bute	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8015	C06 - C10	ND	3	mg/Kg
108178	419516	136-02-20	03/19/2003	8015	C10 - C22	4.0	3	mg/Kg
108178	419516	136-02-20	03/19/2003	8015	C22 - C32	6.6	5	mg/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1,1,2-Tetrachloroethan	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1,1-Trichloroethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1,2,2-Tetrachloroethan	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1,2-Trichloroethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1,2-Trichlorotrifluoroet	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1-Dichloroethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1-Dichloroethene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,1-Dichloropropene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2,3-Trichlorobenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2,3-Trichloropropane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2,4-Trichlorobenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2,4-Trimethylbenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2-Dibromo-3-chloropro	ND	5	ug/Kg

SAMPLES ANALYZED FOR BHATE
by Associated Laboratories, Orange, CA

Project ID: SWMU 136

Project Description:

LR #	Order #	Client Smpl. ID	S. Date	Method	Analyte	Result	DLR	Units
108178	419516	136-02-20	03/19/2003	8260B	1,2-Dibromoethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2-Dichlorobenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2-Dichloroethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,2-Dichloropropane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,3,5-Trimethylbenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,3-Dichlorobenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,3-Dichloropropane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,4-Dichlorobenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1,4-Dioxane	ND	200	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	1-Chlorohexane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	2,2-Dichloropropane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	2-Butanone (MEK)	ND	100	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	2-Chloroethyl vinyl ether	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	2-Chlorotoluene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	2-Hexanone	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	4-Chlorotoluene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	4-Methyl -2- Pentanone	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Acetone	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Acetonitrile	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Acrolein	ND	200	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Acrylonitrile	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Allyl chloride	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Benzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Benzyl chloride	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Bromobenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Bromochloromethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Bromodichloromethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Bromoform	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Bromomethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Carbon Disulfide	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Carbon tetrachloride	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Chlorobenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Chloroethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Chloroform	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Chloromethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Dibromochloromethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Dibromomethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Dichlorodifluoromethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Ethyl benzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Ethyl methacrylate	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Hexachlorobutadiene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Iodomethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Isopropylbenzene (Cumene)	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Methacrylonitrile	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Methyl methacrylate	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Methyl-tert-butylether (	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Methylene chloride	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Naphthalene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Pentachloroethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Propionitrile	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Styrene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Tetrachloroethene	ND	5	ug/Kg

SAMPLES ANALYZED FOR BHATE
by Associated Laboratories, Orange, CA

Project ID: SWMU 136

Project Description:

LR#	Order#	Client Smpl. ID	S Date	Method	Analyte	Result	DLR	Units
108178	419516	136-02-20	03/19/2003	8260B	Toluene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Trichloroethene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Trichlorofluoromethane	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Vinyl acetate	ND	50	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Vinyl chloride	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	Xylenes, total	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	cis-1,2-Dichloroethene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	cis-1,3-Dichloropropene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	cis-1,4-Dichloro-2-butene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	m and p-Xylene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	n-Butylbenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	n-Propylbenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	o-Xylene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	p-Isopropyltoluene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	sec-Butylbenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	tert-Butylbenzene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	trans-1,2-Dichloroethene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	trans-1,3-Dichloropropene	ND	5	ug/Kg
108178	419516	136-02-20	03/19/2003	8260B	trans-1,4-Dichloro-2-butene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8015	C06 - C10	ND	3	mg/Kg
108178	419517	136-03-16	03/19/2003	8015	C10 - C22	3.9	3	mg/Kg
108178	419517	136-03-16	03/19/2003	8015	C22 - C32	5.3	5	mg/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1,1,2-Tetrachloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1,1-Trichloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1,2,2-Tetrachloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1,2-Trichloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1,2-Trichlorotrifluoroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1-Dichloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1-Dichloroethene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,1-Dichloropropene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2,3-Trichlorobenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2,3-Trichloropropane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2,4-Trichlorobenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2,4-Trimethylbenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2-Dibromo-3-chloropropane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2-Dibromoethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2-Dichlorobenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2-Dichloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,2-Dichloropropane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,3,5-Trimethylbenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,3-Dichlorobenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,3-Dichloropropane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,4-Dichlorobenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1,4-Dioxane	ND	200	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	1-Chlorohexane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	2,2-Dichloropropane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	2-Butanone (MEK)	ND	100	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	2-Chloroethyl vinyl ether	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	2-Chlorotoluene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	2-Hexanone	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	4-Chlorotoluene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	4-Methyl-2-Pentanone	ND	5	ug/Kg

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108178	419517	136-03-16	03/19/2003	8260B	Acetone	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Acetonitrile	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Acrolein	ND	200	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Acrylonitrile	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Allyl chloride	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Benzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Benzyl chloride	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Bromobenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Bromochloromethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Bromodichloromethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Bromoform	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Bromomethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Carbon Disulfide	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Carbon tetrachloride	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Chlorobenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Chloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Chloroform	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Chloromethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Dibromochloromethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Dibromomethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Dichlorodifluoromethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Ethyl benzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Ethyl methacrylate	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Hexachlorobutadiene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Iodomethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Isopropylbenzene (Cumene)	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Methacrylonitrile	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Methyl methacrylate	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Methyl-tert-butylether (	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Methylene chloride	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Naphthalene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Pentachloroethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Propionitrile	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Styrene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Tetrachloroethene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Toluene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Trichloroethene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Trichlorofluoromethane	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Vinyl acetate	ND	50	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Vinyl chloride	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	Xylenes, total	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	cis-1,2-Dichloroethene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	cis-1,3-Dichloropropene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	cis-1,4-Dichloro-2-butene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	m and p-Xylene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	n-Butylbenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	n-Propylbenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	o-Xylene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	p-Isopropyltoluene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	sec-Butylbenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	tert-Butylbenzene	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	trans-1,2-Dichloroethene	ND	5	ug/Kg

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108178	419517	136-03-16	03/19/2003	8260B	trans-1,3-Dichloropropen	ND	5	ug/Kg
108178	419517	136-03-16	03/19/2003	8260B	trans-1,4-Dichloro-2-bute	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8015	C06 - C10	ND	3	mg/Kg
108178	419518	Laboratory Method Blank		8015	C10 - C22	ND	3	mg/Kg
108178	419518	Laboratory Method Blank		8015	C22 - C32	ND	5	mg/Kg
108178	419518	Laboratory Method Blank		8260B	1,1,1,2-Tetrachloroethan	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,1,1-Trichloroethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,1,2,2-Tetrachloroethan	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,1,2-Trichloroethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,1,2-Trichlorotrifluoroet	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,1-Dichloroethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,1-Dichloroethene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,1-Dichloropropene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2,3-Trichlorobenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2,3-Trichloropropane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2,4-Trichlorobenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2,4-Trimethylbenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2-Dibromo-3-chloropro	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2-Dibromoethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2-Dichlorobenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2-Dichloroethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,2-Dichloropropane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,3,5-Trimethylbenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,3-Dichlorobenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,3-Dichloropropane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,4-Dichlorobenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1,4-Dioxane	ND	200	ug/Kg
108178	419518	Laboratory Method Blank		8260B	1-Chlorohexane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	2,2-Dichloropropane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	2-Butanone (MEK)	ND	100	ug/Kg
108178	419518	Laboratory Method Blank		8260B	2-Chloroethyl vinyl ether	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	2-Chlorotoluene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	2-Hexanone	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	4-Chlorotoluene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	4-Methyl -2- Pentanone	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Acetone	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Acetonitrile	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Acrolein	ND	200	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Acrylonitrile	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Allyl chloride	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Benzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Benzyl chloride	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Bromobenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Bromochloromethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Bromodichloromethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Bromofom	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Bromomethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Carbon Disulfide	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Carbon tetrachloride	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Chlorobenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Chloroethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Chloroform	ND	5	ug/Kg

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108178	419518	Laboratory Method Blank		8260B	Chloromethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Dibromochloromethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Dibromomethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Dichlorodifluoromethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Ethyl benzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Ethyl methacrylate	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Hexachlorobutadiene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Iodomethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Isopropylbenzene (Cumene)	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Methacrylonitrile	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Methyl methacrylate	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Methyl-tert-butylether (	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Methylene chloride	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Naphthalene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Pentachloroethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Propionitrile	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Styrene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Tetrachloroethene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Toluene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Trichloroethene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Trichlorofluoromethane	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Vinyl acetate	ND	50	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Vinyl chloride	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	Xylenes, total	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	cis-1,2-Dichloroethene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	cis-1,3-Dichloropropene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	cis-1,4-Dichloro-2-butene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	m and p-Xylene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	n-Butylbenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	n-Propylbenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	o-Xylene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	p-Isopropyltoluene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	sec-Butylbenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	tert-Butylbenzene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	trans-1,2-Dichloroethene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	trans-1,3-Dichloropropene	ND	5	ug/Kg
108178	419518	Laboratory Method Blank		8260B	trans-1,4-Dichloro-2-butene	ND	5	ug/Kg