MASTER UNDERGROUND STORAGE TANKS
SORTED BY TOWN

REG #	TANK NO	FACILITY NAME	STREET ADDRESS	TOWN	SENS AREA	STATUS	FACILITY USE	INSTALLED	VOLUME	PRODU
10155	1	AYER EUROPEAN AUTO RESTORATIC	BRUNSWICK ROAD	GARDINER	N	B	C	2/1/85	1000	02
961	1	KENNEBEC VALLEY MEDICAL CTR.	150 DRESDEN AVENUE	GARDINER	N	B	H	10/1/80	10000	06
15623	3	STANDARD DISTRIBUTORS, INC.	761 WATER STREET	GARDINER	N	E	C		0	02
17323	3	THORNTON, RICHARD	93 HARRISON AVENUE	GARDINER	N	B	E	10/1/90	1000	02
179	2	WILLIAM S. WILLIAMS CONST. CO.	OLD BRUNSWICK ROAD	GARDINER	N	B	C	6/1/82	7800	29
179	4	WILLIAM S. WILLIAMS CONST. CO.	OLD BRUNSWICK ROAD	GARDINER	N	E	C	9/1/77	500	02
179	3	WILLIAM S. WILLIAMS CONST. CO.	OLD BRUNSWICK ROAD	GARDINER	N	B	C	5/1/78	4600	21
179	1	WILLIAM S. WILLIAMS CONST. CO.	OLD BRUNSWICK ROAD	GARDINER	N	B	C	5/1/75	7600	29
11394	1	THE MAINE PLACE	ROUTE 5-A	GARDINER	Y	B	C	9/1/81	20000	29
2530	3	GARDINER WASTE WATER TRMT. PL1	ROUTE 24	GARDINER	Y	B	H	1/1/82	500	29
2530	2	GARDINER WASTE WATER TRMT. PL1	ROUTE 24	GARDINER	Y	B	H	1/1/82	1000	29
2530	1	GARDINER WASTE WATER TRMT. PL1	ROUTE 24	GARDINER	Y	B	H	1/1/82	10000	02
11549	1	SMITH-WILEY POST #4	46 GRIFFEN STREET	GARDINER	N	B	H	10/1/76	500	02
11330	1	E.J. PRESCOTT CO. INC.	GRIFFIN STREET	GARDINER	N	B	C	1/1/86	1000	
13070	1	TRUITT SHOE	397 WATER STREET	GARDINER	N	E	C	1/1/70	4000	
728	5	D & H MOTORS	725 WATER STREET	GARDINER	N	B	C	10/1/88	8000	02
2788	1	GARDINER ARMORY	BRUNSWICK AVENUE	GARDINER	Y	B	I	1/1/60	10000	02
3571	4	GARDINER EXXON S.S. 5443	BRIDGE AND WATER STREETS	GARDINER	N	B	B	1/1/79	550	02
3571	3	GARDINER EXXON S.S. 5443	BRIDGE AND WATER STREETS	GARDINER	N	B	B	1/1/79	6000	28
3571	2	GARDINER EXXON S.S. 5443	BRIDGE AND WATER STREETS	GARDINER	N	B	B	1/1/79	8000	23
3571	1	GARDINER EXXON S.S. 5443	BRIDGE AND WATER STREETS	GARDINER	N	B	B	1/1/79	6000	21
289	6	YORKTOWNE PAPER MILLS ME. INC.	721 WATER STREET	GARDINER	N	B	D	7/1/93	20000	06
14571	1	NEW MILLS MARKET	17 COBBOSSEE AVENUE	GARDINER	Y	B	B	11/1/87	4000	23
14571	2	NEW MILLS MARKET	17 COBBOSSEE AVENUE	GARDINER	Y	B	B	11/1/87	4000	23
8260	1	GARDINER CENTRAL OFFICE	GARDINER MICRO	GARDINER	N	E	C	1/1/83	500	29
14571	3	NEW MILLS MARKET	17 COBBOSSEE AVENUE	GARDINER	Y	B	B	11/1/87	4000	28
2528	1	SO. GARDINER WST. PUMP STA.	RIVERVIEW DRIVE	GARDINER	N	B	H	1/1/82	500	29
6975	1	GARDINER, ROBERT H.	RIVER AVENUE	GARDINER	N	B	E	9/1/75	2000	02
11121	1	CAPEN, KIM	626 WATER STREET	GARDINER	N	B	E	7/1/76	250	02
11333	1	DALEY, VANCE A.	BRUNSWICK ROAD	GARDINER	N	E	E	10/1/77	275	02
7001	1	GARDINER FAMILY HOMESTEAD	RIVER ROAD	GARDINER	N	B	E	9/1/75	3000	02
1455	3	CARLTON WOOLEN MILLS INC.	ARMORY STREET	GARDINER	N	B	D	11/1/90	5000	06
5165	1	EXIT 14 TOLL PLAZA		GARDINER	N	B	H	1/1/74	2000	02
508	1	GARLAND STORE	ROUTE 94	GARLAND	Y	B	B	5/1/84	3000	[illegible]
508	2	GARLAND STORE	ROUTE 94	GARLAND	Y	B	B	10/1/82	3000	
838	1	REID STATE PARK MAINT. AREA	DELORMES 7, D1	GEORGETOWN	Y	B	H	1/1/83	2000	23
14211	1	BOG BROOK TRAINING SITE	ROUTE 2	GILEAD	Y	B	I	6/1/87	1000	02
15841	1	CORNOR STORE	PUSHAW ROAD	GLENBURN	Y	B	B	7/1/89	6000	23
15841	2	CORNOR STORE	PUSHAW ROAD	GLENBURN	Y	B	B	7/1/89	6000	28
6678	1	GLENBURN ELEMENTARY SCHOOL	HOUDSON ROAD	GLENBURN	Y	B	H	9/1/80	10000	02
6678	2	GLENBURN ELEMENTARY SCHOOL	HOUDSON ROAD	GLENBURN	Y	B	H	9/1/80	500	02
11244	1	BARBATOS, DOUGLAS & NICOLE	144 HEMLOCK DRIVE	GORHAM	Y	B	E	4/1/74	220	01
278	1	WHITE ROCK FIRE STATION	WILSON ROAD	GORHAM	Y	E	H	8/1/82	1000	02
14557	1	HOUSCOW, CLYDE		GORHAM	N	E	E		275	01
11338	1	MOORE & SIROIS	81 FOREST CIRCLE	GORHAM	Y	B	E	1/1/80	220	01
5536	6	DIXON BROTHERS	230 MAIN STREET	GORHAM	N	B	B	8/1/86	10000	01
5536	5	DIXON BROTHERS	230 MAIN STREET	GORHAM	N	B	B	8/1/86	20000	02
5536	4	DIXON BROTHERS	230 MAIN STREET	GORHAM	N	B	B	7/1/75	500	81
4721	1	MARQUIS, DOUGLAS & DEBRA	MAPLE STREET LOT #172	GORHAM	Y	E	E	6/1/77	250	01
3814	1	MARCROFT, JAMES R.	205 MAPLE DRIVE	GORHAM	Y	B	E	[illegible]	275	02
14033	1	ROSS, CATHY & MORRIS, NICHOLAS	188 MAPLE CIRCLE	GORHAM	Y	B	E	8/1/76	275	02
7899	1	LOVEJOY, SCOTT & SHEILA	225 MAPLE DRIVE	GORHAM	Y	B	E	1/1/75	275	01
15699	1	GORHAM VILLAGE ELEMENTARY SCH	ROBIE STREET	GORHAM	N	B	H	6/1/89	4000	02

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MAINE DEP

MASTER UNDERGROUND STORAGE TANKS
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REG #	TANK NO	FACILITY NAME	STREET ADDRESS	TOWN	SENS AREA	STATUS	FACILITY USE	INSTALLED	VOLUME	PRODUC
9493	1	BEDARD, MARGUERITE	ROUTE 114	GORHAM	Y	B	E	1/1/77	1000	02
1509	1	RINES, BERNARD P.	WALNUT CREST ROAD	GORHAM	N	B	E	5/1/78	2000	02
4212	1	SERFES, JEFFREY L.	236 BIRCH DRIVE	GORHAM	Y	E	E	3/1/82	275	01
7613	1	LOVEJOY, JAMES & JEANNINE	162 EVERGREEN DRIVE	GORHAM	Y	E	E	1/1/00	250	02
17864	1	KINNEY, VICKI	216 MAPLE DRIVE	GORHAM	Y	B	E	6/1/73	225	01
10362	1	PORTLAND WATER DISTRICT	LITTLE FALLS/SO. WINDHAM W.	GORHAM	N	B	H	10/1/86	550	29
9860	2	CASCO NORTHERN BANK, NA	80 MAIN STREET	GORHAM	N	B	C	1/1/92	600	02
5975	1	TUCKER, GEORGE F.	186 MAPLE DRIVE	GORHAM	Y	B	E	2/1/78	275	01
11384	3	CUMBERLAND FARMS, INC. #1842	137 MAIN STREET	GORHAM	N	B	B	7/1/84	8000	20
11384	1	CUMBERLAND FARMS, INC. #1842	137 MAIN STREET	GORHAM	N	B	B	7/1/84	8000	28
17168	1	RYAN, ALICE P.	76 FOREST CIRCLE	GORHAM	N	E	E		275	02
3447	1	WOLFF, HANS	106 HEMLOCK DRIVE	GORHAM	Y	B	E	10/1/84	275	01
16550	1	BECHARD, ROBYN L.	170 MAPLE DRIVE	GORHAM	Y	E	E		275	02
16900	1	HODGKIN, ROBERT & KATHLEEN	173 MAPLE DRIVE	GORHAM	Y	B	E	1/1/82	275	01
16392	1	CHIASSON, LAURENT J.	267 MAPLE DRIVE	GORHAM	Y	E	E	1/1/74	275	01
4885	1	CLOUTIER, MARK	103 CEDAR CIRCLE	GORHAM	Y	B	E	1/1/79	275	01
8922	1	BACHMANN, DEBORAH	113 HEMLOCK DRIVE	GORHAM	Y	E	E	1/1/74	250	02
8344	1	PAGE, BARBARA	301 EVERGREEN DRIVE	GORHAM	Y	E	E	8/1/85	275	01
12398	1	KING, L. MARSH	300 ASH DRIVE	GORHAM	Y	B	E		200	01
9974	1	DEERING, NATHAN N.	171 MAPLE DRIVE	GORHAM	Y	E	E	1/1/71	275	01
17776	1	PARKER, PETER M.	208 MAPLE DRIVE	GORHAM	Y	E	E		275	02
4088	1	CHEECHAKO FARMS	ROUTE 22	GORHAM	Y	E	E	8/1/77	3000	02
7806	1	DOYLE, MISTY & STEVENS	160 EVERGREEN	GORHAM	Y	B	E	1/1/75	275	01
5835	1	DARLING, HELEN	174 MAPLE DRIVE	GORHAM	Y	B	E	11/1/79	275	02
18547	1	LAWLER, LINDA	259 EVERGREEN DRIVE	GORHAM	Y	B	E		275	02
11340	1	KIMBALL, RUSSELL B.	96 CEDAR CIRCLE	GORHAM	Y	B	E		220	01
5834	1	WARD, ANTHONY & PENNY	178 MAPLE DRIVE	GORHAM	Y	B	E	7/1/72	275	01
16952	1	REID, ROBERT & BONNIE	55 EVERGREEN DRIVE	GORHAM	Y	E	E	1/1/77	275	01
11564	1	BURNELLE, DAVID & ANNE	235 BIRCH DRIVE	GORHAM	Y	B	E		220	02
280	5	SHAW BROTHERS CONSTRUCTION IN	511 MAIN STREET	GORHAM	N	E	D	1/1/85	1000	81
280	4	SHAW BROTHERS CONSTRUCTION IN	511 MAIN STREET	GORHAM	N	E	D	2/1/85	550	86
280	3	SHAW BROTHERS CONSTRUCTION IN	511 MAIN STREET	GORHAM	N	E	D	2/1/85	550	10
280	2	SHAW BROTHERS CONSTRUCTION IN	511 MAIN STREET	GORHAM	N	B	D	1/1/85	10000	29
280	1	SHAW BROTHERS CONSTRUCTION IN	511 MAIN STREET	GORHAM	N	B	D	1/1/85	10000	[illegible]
5832	1	WILSON, ADAM W.	BEECHRIDGE ROAD	GORHAM	Y	B	E	9/1/76	2000	02
8036	1	LEVINE, MYRON J.	8 WILLOW CIRCLE	GORHAM	Y	E	E	7/1/81	275	01
12999	1	BARROWS GREENHOUSES	312 MAIN STREET	GORHAM	N	E	C		6000	02
8218	1	NARRAGANSETT SCHOOL	270 MAIN STREET	GORHAM	N	B	H	9/1/81	6000	02
18298	1	LUNT, ROLAND W.	132 HEMLOCK DRIVE	GORHAM	N	B	E		500	02
5373	1	KYLE, RICHARD JR.	89 HEMLOCK DRIVE	GORHAM	Y	B	E		275	02
12111	1	LUNDBERG, JOHN A.	13 WILLOW CIRCLE	GORHAM	Y	E	E	1/1/72	275	01
277	1	CHARLES SHAW SCHOOL	270 MAIN STREET	GORHAM	N	B	H	9/1/78	10000	02
11370	1	DORAZIO, VINCENT & GRACE	198 MAPLE AVENUE	GORHAM	Y	E	E	8/1/78	275	01
1491	1	VELLANI, DON J.	233 BRICH DRIVE	GORHAM	Y	B	E	1/1/75	275	02
11367	1	MOSHER, ALBERT JR.	MOSHER CORNER	GORHAM	N	B	E	7/1/79	1000	02
16307	1	CHAMBERS, KIMBERLY	179 MAPLE DRIVE	GORHAM	Y	B	E	5/1/77	275	02
4993	1	HOYT, MICHAEL P.	297 CHESTNUT CIRCLE	GORHAM	Y	B	E	6/1/77	275	02
13895	1	GABAREE, RON	PHINNEY STREET	GORHAM	Y	E	E	7/1/78	1000	02
5247	1	MCKAGUE, C. & RONDEAU, D.	90 HEMLOCK DRIVE	GORHAM	Y	B	E	[illegible]	225	01
16328	1	GORHAM HOUSE	NEW PORTLAND ROAD	GORHAM	N	B	C	9/1/89	10000	02
7239	1	MCKENNEY, ROBERT & MERNA	51 TAMARACK CIRCLE	GORHAM	Y	B	E	10/1/81	275	01
9600		SAHADAK, DAVID & AMANDA	70 FOREST CIRCLE	[illegible]HAM	Y	E	E		220	02
6201		GORHAM'S SUNOCO	118 MAIN STREET	[illegible]HAM	N	B	B	10/1/94	15000	20

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MASTER UNDERGR' JND STORAGE TANKS
SORTED BY TOWN

REG #	TANK NO	FACILITY NAME	STREET ADDRESS	TOWN	SENS AREA	STATUS	FACILITY USE	INSTALLED	VOLUME	PRODU
7254	1	HUTTI,AUNDREY & PATRICIA	283 BIRCH DRIVE	GORHAM	Y	E	E	1/1/75	275	01
9424	8	GORHAM CITGO	90 MAIN STREET	GORHAM	N	B	B	9/1/93	1000	01
9424	7	GORHAM CITGO	90 MAIN STREET	GORHAM	N	B	B	7/1/88	10000	28
9424	6	GORHAM CITGO	90 MAIN STREET	GORHAM	N	B	B	7/1/88	10000	23
9424	5	GORHAM CITGO	90 MAIN STREET	GORHAM	N	B	B	7/1/88	10000	28
9755	1	CHISHOLM, KATHERINE L.	230 MAPLE DRIVE	GORHAM	Y	B	E	6/1/72	250	02
13652	4	LAMPRON'S ENTERPRISE	435 OSSIPEE TRAIL	GORHAM	Y	B	B	7/1/87	4000	23
13652	3	LAMPRON'S ENTERPRISE	435 OSSIPEE TRAIL	GORHAM	Y	B	B	7/1/87	4000	23
13652	2	LAMPRON'S ENTERPRISE	435 OSSIPEE TRAIL	GORHAM	Y	B	B	7/1/87	4000	22
13652	1	LAMPRON'S ENTERPRISE	435 OSSIPEE TRAIL	GORHAM	Y	B	B	7/1/87	4000	21
7011	1	PATCHELL, MARILYN	247 ASH DRIVE	GORHAM	Y	B	E		275	01
2973	4	DODGE OIL COMPANY, INC.	13 NEW PORTLAND ROAD	GORHAM	N	B	B	11/1/91	6000	29
2973	5	DODGE OIL COMPANY, INC.	13 NEW PORTLAND ROAD	GORHAM	N	B	B	11/1/91	6000	[illegible]
14447	2	TOWN LINE GAS MART	669 LOWER MAIN STREET	GORHAM	N	B	B	8/1/75	6000	[illegible]
6164	1	CREHAN, JOSEPH P. JR.	46 TAMARACK CIRCLE	GORHAM	Y	E	E	1/1/77	275	01
14447	3	TOWN LINE GAS MART	669 LOWER MAIN STREET	GORHAM	N	B	B	8/1/75	3000	20
14447	1	TOWN LINE GAS MART	669 LOWER MAIN STREET	GORHAM	N	B	B	8/1/75	6000	28
7147	1	SMITH, DALE & KAREN	154 EVERGREEN DRIVE	GORHAM	Y	B	E	12/1/85	275	01
3895	2	UNIVERSITY OF SOUTHERN MAINE	37 COLLEGE AVENUE	GORHAM	N	B	H	1/1/83	20000	06
14516	1	JACKSON APT. HOUSE	108 STATE STREET	GORHAM	N	B	E	6/1/79	500	02
14494	6	GORHAM MOBIL	115 MAIN STREET	GORHAM	Y	B	B	11/1/87	8000	20
11093	1	THE GORHAM FLAG CENTER	376 MAIN STREET	GORHAM	N	B	E	6/1/78	500	01
16036	1	FRANK, DONALD & BETTY	140 HEMLOCK DRIVE	GORHAM	Y	E	E		220	01
14795	1	SCHOOL ST. WASTEWATER PMP. STA	SCHOOL STREET	GORHAM	N	B	H	5/1/88	550	29
2337	1	BRINKMAN, DIANE	50 FLAGGY MEADOW ROAD	GORHAM	N	B	E	1/1/80	1000	02
11519	1	EDWARDS, KENNETH & PATRICIA	63 EVERGREEN DRIVE	GORHAM	Y	B	E	6/1/84	275	02
7164	1	WESCOTT, BRAD & BRENDA	234 BIRCH DRIVE	GORHAM	Y	B	E		275	01
5738	1	WINSLOW, LEE & THERESA	231 MAPLE DRIVE	GORHAM	Y	B	E	1/1/74	250	01
16908	1	GRINDLE, DIANA L.	211 MAPLE DRIVE	GORHAM	Y	B	E	1/1/82	275	01
3054	1	F.S. PLUMMER CO., INC.	25 MECHANIC STREET	GORHAM	N	B	D	1/1/78	1000	21
18656	1	PARENT, PATRICIA A.	109 HEMLOCK DRIVE	GORHAM	Y	B	E	6/1/72	220	01
11360	1	BOWMAN, CHARLES & RITA	295 CHESTNUT CIRCLE	GORHAM	Y	E	E	9/1/77	275	01
14494	5	GORHAM MOBIL	115 MAIN STREET	GORHAM	Y	B	B	11/1/87	10000	[illegible]
14494	7	GORHAM MOBIL	115 MAIN STREET	GORHAM	Y	B	B	11/1/87	8000	[illegible]
16880	1	ROWE, ROBERT W.	110 HEMLOCK DRIVE	GORHAM	N	E	E	9/1/83	240	01
9952	2	R J. GRONDIN & SONS	BARTLETT ROAD	GORHAM	N	B	C	4/1/75	10000	29
9952	3	R.J. GRONDIN & SONS	BARTLETT ROAD	GORHAM	N	B	C	4/1/80	10000	02
18194	1	BRACKETT, SYLVIA	117 HEMLOCK DRIVE	GORHAM	N	B	E		275	01
16032	1	GAGNON, ROGER	376 MAIN STREET	GORHAM	N	B	E	9/1/89	500	01
17508	1	FRANCOEUR, MAURICE	192 MAPLE DRIVE	GORHAM	Y	B	E	1/1/74	275	01
8811	5	MDOT MAINTENANCE FACILITY		GORHAM	Y	B	H	3/1/90	6000	29
17753	1	LUNDBERG, JOHN A.	13 WILLOW CIRCLE	GORHAM	Y	B	E	1/1/73	275	01
9770	1	FASULO, KIMBERLY	258 EVERGREEN DRIVE	GORHAM	Y	B	E	7/1/75	275	01
11298	1	BOONE, RICHARD M.	54 EVERGREEN DRIVE	GORHAM	Y	B	E		275	01
8570	1	MCGOVERN, SIMONNE M.	145 HEMLOCK DRIVE	GORHAM	Y	B	E	6/1/71	220	01
9952	1	R.J. GRONDIN & SONS	BARTLETT ROAD	GORHAM	N	B	C	4/1/83	5000	21
1742	1	ORDWAY, BONNIE-JO	228 MAPLE DRIVE	GORHAM	Y	B	E	5/1/84	275	01
13065	1	GORHAM SAVINGS BANK	64 MAIN STREET	GORHAM	N	B	H	9/1/85	1000	02
16770	1	BODLOVICK, HARRY N.	200 MAPLE DRIVE	GORHAM	Y	E	E		275	01
7477	1	SULLIVAN, RICHARD S.	5 WILLOW CIRCLE	GORHAM	Y	E	E	[illegible]	275	01
3175	1	ROODS, J. MICHAEL	84 JOHNSON ROAD	GORHAM	N	B	E		2000	02
18274	1	N S.G.A. BLDG 85	COREA	GOULDSBORO	N	B	I	2/1/92	8000	29
18274	2	N.S.G.A. BLDG 85	COREA	GOULDSBORO	N	B	I	2/1/92	2500	02

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MAINE DEP

MASTER UNDERGROUND STORAGE TANKS
SORTED BY TOWN

REG #	TANK NO	FACILITY NAME	STREET ADDRESS	TOWN	SENS AREA	STATUS	FACILITY USE	INSTALLED	VOLUME	PRODUC
6796	1	LAPOINTE, PAUL	MAPLE STREET	WILTON	N	B	E	1/1/80	500	02
7575	2	G. D. CUSHING SCHOOL		WILTON	N	B	H	8/1/90	6000	02
9604	1	WILTON POST OFFICE		WILTON	N	E	C	1/1/60	1000	02
12491	1	HARRIS, IRENE		WILTON	N	B	E		1000	02
13656	1	SIMONEAU, NEREE N.	LAKE ROAD	WILTON	N	B	E		550	02
7574	2	WILTON PRIMARY SCHOOL		WILTON	N	B	H	7/1/89	2500	02
12534	1	GOULD, DAVID L.		WILTON	N	B	E	5/1/73	275	02
7544	1	JONES, STEVE	DEPOT STREET	WILTON	N	B	E		1000	02
12845	3	GOULD'S EXXON	ROUTE 4 AND 2	WILTON	N	B	B	2/1/83	8000	29
12845	4	GOULD'S EXXON	ROUTE 4 AND 2	WILTON	N	B	B	11/1/86	6000	22
15700	1	RICHARD, ANATOLE J.	HIGH STREET	WILTON	N	B	E		1000	02
11285	1	HUTCHINSON, KELLY & SUSAN	WALKER HILL ROAD	WILTON	Y	B	E	10/1/80	275	02
12845	2	GOULD'S EXXON	ROUTE 4 AND 2	WILTON	N	B	B	2/1/83	8000	2[illegible]
6849	1	FREEMAN, JEANETTE F.	PROSPECT STREET	WILTON	N	B	E	6/1/47	1000	02
12845	1	GOULD'S EXXON	ROUTE 4 AND 2	WILTON	N	B	B	2/1/83	8000	20
15346	1	KEENES KWIK STOP	MAIN ROAD	WILTON	N	B	B	11/1/88	4000	23
15346	2	KEENES KWIK STOP	MAIN ROAD	WILTON	N	B	B	11/1/88	4000	28
15346	3	KEENES KWIK STOP	MAIN ROAD	WILTON	N	B	B	11/1/88	6000	21
7609	1	ACADMEY HILL SCHOOL	DEPOT STREET	WILTON	N	B	H	7/1/83	9500	02
3136	5	WILTON PUB. WORKS & TOWN OFF.	WELD STREET	WILTON	N	B	H	10/1/93	3000	28
3136	6	WILTON PUB. WORKS & TOWN OFF.	WELD STREET	WILTON	N	B	H	10/1/93	3000	29
11259	2	WILTON TANNING COMPANY	ROUTE 2 AND 4	WILTON	N	B	D	7/1/92	15000	06
2940	1	HAGGAN, HOWARD C. JR.	73 HIGH STREET	WILTON	N	B	E		1000	02
2523	1	DODGE, Al M.	ORCHARD DRIVE	WILTON	Y	B	E	6/1/63	1000	02
3723	1	G.H. BASS FACTORY	WELD STREET	WILTON	N	B	D	1/1/75	10000	04
200	1	EAGLE'S SPORT SHOP	ROUTE 2 & 4	WILTON	N	B	C	3/1/84	500	02
12572	1	MAINE PROPERTIES	WILKINS STREET	WILTON	N	B	E	1/1/66	500	02
3723	2	G.H. BASS FACTORY	WELD STREET	WILTON	N	B	D	1/1/75	10000	04
10873	2	WILTON CENTRAL OFFICE	CANAL STREET	WILTON	N	B	C	8/1/91	600	29
921	8	WILTON OIL COMPANY, INC.	CORNER WELD & MAIN	WILTON	N	B	A	5/1/91	20000	02
572	1	BACKUS, WAYNE W.	OLD U.S. ROUTE 2 AND 4	WILTON	N	B	E	9/1/83	550	02
14100	1	SUMNER, DANA P.	65 WEBB AVENUE	WILTON	N	B	E		550	02
921	9	WILTON OIL COMPANY, INC.	CORNER WELD & MAIN	WILTON	N	B	A	5/1/91	10000	01
1141	1	BUS SHELTER	SCHOOL STREET	WILTON	N	B	H	10/1/82	2000	[illegible]
5511	1	ATTENBURG, W.M.	PARK ROAD	WINDHAM	N	B	E	1/1/48	250	02
15769	1	WINDHAM PUBLIC SAFETY FACILITY	ROUTE 202	WINDHAM	Y	B	H	4/1/89	2500	02
16246	1	BIG APPLE NO. WINDHAM #2	ROUTE 302 ROTARY	WINDHAM	Y	B	B	9/1/89	6000	23
16246	2	BIG APPLE NO. WINDHAM #2	ROUTE 302 ROTARY	WINDHAM	Y	B	B	9/1/89	6000	23
16246	3	BIG APPLE NO. WINDHAM #2	ROUTE 302 ROTARY	WINDHAM	Y	B	B	9/1/89	10000	28
15347	2	KAREN'S VARIETY	ROUTE 115	WINDHAM	Y	B	B	12/1/88	6000	28
1989	2	ME. CORRECTION CTR. BOILER RM.	119 MALLISON STREET	WINDHAM	N	B	H		12000	06
1989	3	ME. CORRECTION CTR. BOILER RM.	119 MALLISON STREET	WINDHAM	N	B	H		1000	23
15347	3	KAREN'S VARIETY	ROUTE 115	WINDHAM	Y	B	B	12/1/88	6000	20
15347	1	KAREN'S VARIETY	ROUTE 115	WINDHAM	Y	B	B	12/1/88	10000	23
16094	1	WINDHAM PRIMARY SCHOOL	WINDHAM CENTER ROAD	WINDHAM	N	B	H	8/1/89	12000	02
8548	1	SOUTH WINDHAM FIRE STATION	ROUTE 202	WINDHAM	N	B	H	1/1/60	1000	02
8550	3	NORTH WINDHAM FIRE STATION	ROUTE 302	WINDHAM	Y	B	H	10/1/89	1000	02
10562	1	WILSON, RONALD	7 RIVER ROAD	WINDHAM	Y	B	E	8/1/87	1000	02
8553	1	WINDHAM COMMUNITY CENTER	8 SCHOOL ROAD	WINDHAM	N	B	H	[illegible]	4000	02
8058	1	DEPOT ENERGY INC.	29 DEPOT STREET	WINDHAM	N	B	C	8/1/83	550	21
10194	1	ST. JOSEPH'S COLLEGE	WHITE'S BRIDGE	WINDHAM	N	B	F	9/1/86	6000	02
8554		WINDHAM LIBRARY	WINDHAM CENTER ROAD	WINDHAM	N	B	H	6/1/72	275	02
12529		WINDHAM CENTRAL OFFICE	GRAY ROAD	WINDHAM	Y	B	C	4/1/88	510	29

VIL_RESP04298

MASTER UNDERGR ND STORAGE TANKS
SORTED BY TOWN

REG #	TANK NO	FACILITY NAME	STREET ADDRESS	TOWN	SENS AREA	STATUS	FACILITY USE	INSTALLED	VOLUME	PRODUC
10587	1	STEARNS, ANDREW B.	POPE ROAD	WINDHAM	N	B	E	7/1/80	275	02
13900	1	MORIN, ROBERT	10 BEACH ROAD	WINDHAM	N	B	E		275	02
18768	1	MARCUS WOODS ELDERLY HOUSING	STREET 215 & RTE 115	WINDHAM	N	B	H	5/1/94	3000	02
8666	4	MANCHESTER ELEMENTARY SCHOOL	ROUTE 302	WINDHAM	Y	B	H	8/1/89	2500	02
12533	2	CHURCH J.C. LATTER DAY SAINTS	RIVER ROAD	WINDHAM	Y	B	H	11/1/87	4000	02
12529	3	WINDHAM CENTRAL OFFICE	GRAY ROAD	WINDHAM	Y	B	C	10/1/89	2500	29
1990	1	ME. CORRECT. CTR. SLAUGHTER HS	119 MALLISON STREET	WINDHAM	N	B	H		1000	02
8555	3	WINDHAM TOWN OF, PUBLIC WORK	WINDHAM CENTER ROAD	WINDHAM	N	B	H	8/1/80	5000	29
8555	1	WINDHAM TOWN OF, PUBLIC WORK	WINDHAM CENTER ROAD	WINDHAM	N	B	H	8/1/80	3000	23
9073	1	CUMBERLAND FARMS, INC. #1836	ROUTES 302 AND 35	WINDHAM	N	B	B	11/1/83	8000	20
8555	4	WINDHAM TOWN OF, PUBLIC WORK	WINDHAM CENTER ROAD	WINDHAM	N	B	H	8/1/80	500	02
1991	1	ME. CORRECT. CTR. PRE-RELEASE	119 MALLISON STREET	WINDHAM	N	B	H		1000	02
14273	3	GETTY PROPERTY #28226	663 ROOSEVELT TRAIL	WINDHAM	Y	B	B	7/1/87	6000	[illegible]
14273	2	GETTY PROPERTY #28226	663 ROOSEVELT TRAIL	WINDHAM	Y	B	B	7/1/87	6000	[illegible]
14273	1	GETTY PROPERTY #28226	663 ROOSEVELT TRAIL	WINDHAM	Y	B	B	7/1/87	6000	28
9073	4	CUMBERLAND FARMS, INC. #1836	ROUTES 302 AND 35	WINDHAM	N	B	B	11/1/83	8000	29
9073	3	CUMBERLAND FARMS, INC. #1836	ROUTES 302 AND 35	WINDHAM	N	B	B	11/1/83	8000	28
9073	2	CUMBERLAND FARMS, INC. #1836	ROUTES 302 AND 35	WINDHAM	N	B	B	11/1/83	8000	23
8555	6	WINDHAM TOWN OF, PUBLIC WORK	WINDHAM CENTER ROAD	WINDHAM	N	B	H	8/1/80	500	81
8555	5	WINDHAM TOWN OF, PUBLIC WORK	WINDHAM CENTER ROAD	WINDHAM	N	B	H	9/1/81	275	02
9970	1	ROY, RICHARD L. JR.	5 WARD ROAD	WINDHAM	N	B	E	5/1/77	275	02
4606	1	WINDHAM BAPTIST CHURCH	RIVER ROAD	WINDHAM	Y	B	H	10/1/83	500	02
11871	1	LIFETIME MUFFLER & BRAKE	695 ROOSEVELT TRAIL	WINDHAM	N	B	C	6/1/79	500	01
11872	1	MORRELL, RICHARD C.	WINDHAM HILL	WINDHAM	N	B	E	1/1/67	1000	01
18902	1	STEINERT COMPANY INC.	668 ROOSEVELT TRAIL	WINDHAM	N	E	C		1000	02
16961	1	COLLINS, BARBARA D.	7 FERN AVENUE	WINDHAM	Y	E	E		275	02
7439	1	MASON, TIMOTHY & DEBORAH	982 RIVER ROAD	WINDHAM	Y	B	E	7/1/78	275	02
7439	2	MASON, TIMOTHY & DEBORAH	982 RIVER ROAD	WINDHAM	Y	B	E	6/1/79	275	29
7439	3	MASON, TIMOTHY & DEBORAH	982 RIVER ROAD	WINDHAM	Y	B	E	6/1/79	500	21
15930	2	ARLINGTON ELEMENTARY SCHOOL	721 ROOSEVELT TRAIL	WINDHAM	Y	B	H	8/1/89	1000	02
4838	11	NORTH WINDHAM CAR WASH	ROUTE 302	WINDHAM	Y	B	B	6/1/93	2000	01
4838	11	NORTH WINDHAM CAR WASH	ROUTE 302	WINDHAM	Y	B	B	6/1/93	10000	29
4838	9	NORTH WINDHAM CAR WASH	ROUTE 302	WINDHAM	Y	B	B	6/1/93	10000	[illegible]
4838	9	NORTH WINDHAM CAR WASH	ROUTE 302	WINDHAM	Y	B	B	6/1/93	10000	[illegible]
4838	8	NORTH WINDHAM CAR WASH	ROUTE 302	WINDHAM	Y	B	B	6/1/93	20000	23
555	5	BIG APPLE NO. WINDHAM	ROUTE 302	WINDHAM	N	B	B	2/1/93	6000	28
555	5	BIG APPLE NO. WINDHAM	ROUTE 302	WINDHAM	N	B	B	2/1/93	4000	20
555	4	BIG APPLE NO. WINDHAM	ROUTE 302	WINDHAM	N	B	B	2/1/93	10000	23
97	4	GORDAN'S OUTBOARD, INC.	U.S. ROUTE 302	WINDHAM	Y	B	C	6/1/89	1000	23
16598	6	FOUR SEASONS SERVICENTER	619 ROOSEVELT TRAIL	WINDHAM	N	E	B		500	02
16598	5	FOUR SEASONS SERVICENTER	619 ROOSEVELT TRAIL	WINDHAM	N	E	B		500	81
16598	1	FOUR SEASONS SERVICENTER	619 ROOSEVELT TRAIL	WINDHAM	N	E	B		4000	21
16598	2	FOUR SEASONS SERVICENTER	619 ROOSEVELT TRAIL	WINDHAM	N	E	B		4000	21
16598	4	FOUR SEASONS SERVICENTER	619 ROOSEVELT TRAIL	WINDHAM	N	E	B		4000	21
16598	3	FOUR SEASONS SERVICENTER	619 ROOSEVELT TRAIL	WINDHAM	N	E	B		4000	21
6401	5	LITTLE FALLS MOBIL	20 MOSHER ROAD	WINDHAM	N	B	B	8/1/89	10000	23
6401	8	LITTLE FALLS MOBIL	20 MOSHER ROAD	WINDHAM	N	B	B	8/1/89	4000	29
6401	6	LITTLE FALLS MOBIL	20 MOSHER ROAD	WINDHAM	N	B	B	8/1/89	4000	28
6401	7	LITTLE FALLS MOBIL	20 MOSHER ROAD	WINDHAM	N	B	B	8/1/89	4000	20
8792	8	HUSSEY'S GENERAL STORE	ROUTE 32	WINDSOR	Y	B	B	10/1/89	8000	23
8792	10	HUSSEY'S GENERAL STORE	ROUTE 32	WINDSOR	Y	B	B	10/1/89	550	01
8792	11	HUSSEY'S GENERAL STORE	ROUTE 32	WINDSOR	Y	B	B	10/1/89	550	02
8792	9	HUSSEY'S GENERAL STORE	ROUTE 32	WINDSOR	Y	B	B	10/1/89	8000	20

VIE_RESP04299

APPENDIX F

Oil & Hazardous Materials Report Form
Spill Number: P/462/86

b. t:
Name (Last. First MI): BALLARD OIL
Address: 809 GRAY RD. Town: GORHAM
State: ME Zip-code: _____ Telephone: _____

ill Information:
Location (Town): SOUTH WINDHAM Spill Type: 3
Amount spilled: _____ gals.N cu. yds.N lbs.N bbls.N
Type of spill: 00
Date of Spill: _____ (yy/mm/dd) Time of Spill: ____ (Military)
Date Reported: 86/11/20 (yy/mm/dd) Time Reported: 1300 (Military)
Cause: A13 Detection method: S1
Incident code: AN DEP response time involved: 3.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. ANTZ, E.W.
2. _____
3. _____

rson Reporting Incident:
Name (Last. First MI): HAWKES. RICHARD
Address: 809 GRAY RD. Town: SO. WINDHAM
State: ME Zip-code: _____ Telephone: _____

Oil & Hazardous Materials Report Form
ill Number: P/462/86 (continued)

e. uo Information:

Total product recovered: _____ gals.N cu. yds.N lbs.N bbls.N
Method: ____ Non-recyclable: _____ gals.N bbls.N
Solids: combustible: _____ cu. yds.N tonsN
non-combustible: _____ cu.yds.
Recyclable material: _____ gals.N cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:

---

her Actions:

Reimbursement: to SF (surface water): N (Y/N)
to GF (ground water): N (Y/N)
to HWF (haz waste): N (Y/N)
Third party damage claim expected: N (Y/N)
Enforcement Referral: N (Y/N)

Narrative:- Investigated vent pipes I saw while on another case and found that Ballard Oil, through lease, actually owned the abandoned tanks. Contacted Ballard Oil who said the tanks are scheduled to be removed, along with many others that Ballard owns. I will attempt to oversee excavation.

Edgar W. Antz, OHMS I

:ks

VIL_RESP04301

1/10 mi S

Oil & Hazardous Materials Report Form
Spill Number: P/463/86

bject:
Name (Last, First MI): CLEAN O RAMA
Address: 838 GRAY RD. Town: GORHAM
State: ME Zip-code: _____ Telephone: _____

ill Information:
Location (Town): SOUTH WINDHAM Spill Type: 3
Amount spilled: _____ gals.N cu. yds.N lbs.N bbls.N
Type of spill: OO
Date of Spill: _____ (yy/mm/dd) Time of Spill: ____ (Military)
Date Reported: 86/11/20 (yy/mm/dd) Time Reported: 1300 (Military)
Cause: A13 Detection method: S4
Incident code: AN DEP response time involved: 3.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. ANTZ. E.W.
2. _____
3. _____

-son Reporting Incident:
Name (Last, First MI): MAINE DOT
Address: MAIN ST. Town: WINDHAM
State: ME Zip-code: _____ Telephone: _____

Oil & Hazardous Materials Report Form
ill Number: P/463/86 (continued)

ean-up Information:

Total product recovered: _____ gals.N cu. yds.N lbs.N bbls.N
Method: ____ Non-recyclable: _____ gals.N bbls.N
Solids: combustible: _____ cu. yds.N tonsN
non-combustible: _____ cu.yds.
Recyclable material: _____ gals.N cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:

---

ier Actions:

Reimbursement: to SF (surface water): N (Y/N)
to GF (ground water): N (Y/N)
to HWF (haz waste): N (Y/N)
Third party damage claim expected: N (Y/N)
Enforcement Referral: N (Y/N)

Narrative:- Investigated a complaint of inground abandoned tanks at Clean-O-Rama in South Windham. Spoke to the owner Paul Sferes who stated that he will initiate proceedings to have the tank excavated. He believes the 20+ year old tank to be 550 or 1000 gallons in size. I will inspect the removal.

Edgar W. Antz, OHMS I

ENTERED

:ks

VIL_RESP04302

ENTERED

Oil & Hazardous Materials Report Form
Spill Number: P 246/88

ject:
Name (Last, First MI : RANDALL, ERNEST
Address: 36 DEPOT STREET Town: S. WINDHAM
State: ME Zip-code: 04062 Telephone: 8073928382

ll Information:
Location (Town): WINDHAM Spill Type: A
Amount spilled: 250.00 gals.Y cu. yds.N lbs.N bbls.N
Type of spill: OE
Date of Spill: _____ (yy/mm/dd) Time of Spill: ____ (Military)
Date Reported: 88/10/18 (yy/mm/dd) Time Reported: 1400 (Military)
Cause: 06 Detection method: 3I
Incident code: BGFG DEP response time involved: 9.0 (hours)
Number of wells at risk: 1 Number of wells impacted: 0
Investigators' names: 1. GORDON, JOHN R.
2. DUNLAP, JOHN
3. _____

son Reporting Incident:
Name (Last, First MI): HANSON, BECKY
Address: DIXON BROS. OIL CO. Town: GORHAM
State: ME Zip-code: 04038 Telephone: 8073893311

Oil & Hazardous Materials Report Form
ll umber: P/246/88 (continued)

an-up Information:

Total product recovered: 250.00 gals.Y cu. yds.N lbs.N bbls.N
Vehicle: A Non-recyclable: 50.00 gals.Y bbls.N
Debris: combustible: _____ cu. yds.N tons.N
non-combustible: 2.0 cu.yds.
Recyclable material: _____ gals.N cu. yds.N lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:

---

er Actions:

Reimbursement: to SF (surface water): N (Y/N)
to GF (ground water): N (Y/N)
to HWF (haz waste): N (Y/N)
Third party damage claim expected: N (Y/N)
Enforcement Referral: N (Y/N)

VIL_RESP04303

ENTERED

F/446/88
Randall, Ernest

John Gordon was notified on 10-13-88 of an oil spill at the Ernest Randall residence on Depot Street in South Windham by Dixon Bros. Oil Company of Gorham, who discovered the spill when delivering bottled gas to the location.

Upon their arrival at the residence at 1440, John Gordon and John Dunlap discovered several feet of water in the basement of the house, with a layer of #2 fuel floating on top. The appearance of the basement suggested that the spill had been there for several years.

Jet-Line Services were called, and by 1820 had removed 6800 gallons of oil and water from the basement. Windham town officials were notified about the conditions in the house.

On 10-16-88, John Gordon and volunteers from the Windham Fire Department removed an additional 1000 gallons of water and 2 to 4 cubic yards of oiled clay from the basement, together with a great deal of other trash. The water was discharged into an adjoining field, and the soil was landspread near the house.

There appears to have been little horizontal migration of the oil, possibly due to the fact that it was confined to the surface of the water, and never had a chance to get under the foundation and spread out. No odor was observed in the water that came into the cellar when the water was completely drawn down on either occasion.

The house has since been condemned by the town of Windham, and the property placed on the market.

No further action is required.

John R. Gordon

JOHN R. GORDON
Oil & Hazardous Materials Specialist I
Bureau of Oil & Hazardous Materials

JRG jc

VIL_RESP04304

Oil & H ,ardous Materials Report F..m
Spill Number: P/257/91

ENTERED

ject:
Name (Last, First MI): LAMPRON'S MINI-MART
Address: GRAY RD Town: GORHAM
S+ate: ME Zip-code: _____ Telephone: 2078924153

ll Information:
Location (Town): GORHAM Spill Type: B
Amount spilled: 20.90 gals.Y cu. yds.N lbs.N bbls.N
Type of spill: 20
Date of Spill: 91/04/23 (yy/mm/dd) Time of Spill: 0900 (Military)
Date Reported: 91/04/24 (yy/mm/dd) Time Reported: 0800 (Military)
Cause: 01 Detection method: 2E
Incident code: CSSGU DEP response time involved: 15.0 (hours)
Number of wells at risk: 0 Number of wells impacted: 0
Investigators' names: 1. BREZINSKI, S.
2. _____
3. _____

son Reporting Incident:
Name (Last, First MI): LAMPRON, DANA
Address: 435 OSSIPEE TRAIL Town: GORHHAM
State: ME Zip-code: 04038 Telephone: 2078396054

Oil & Hazardous Materials Report Form
ll Number: P/257/91 (continued)

an-up Information:

Total product recovered: 15.90 gals.Y cu. yds.N lbs.N bbls.N
Method: G Non-recyclable: _____ gals.N bbls.N
S ids: combustible: _____ cu. yds.N tonsN
non-combustible: 25.0 cu.yds.
Recyclable material: 25.00 gals.N cu. yds.Y lbs.N bbls.N
Number of filters installed: 0 Number of aerators installed: 0
Disposal information:
LANDFARMED

er Actions:

Reimbursement: to SF (surface water): N (Y/N)
to GF (ground water): N (Y/N)
to HWF (haz waste): N (Y/N)
Third party damage claim expected: N (Y/N)
Enforcement Referral: N (Y/N)

VIL_RESP04305

6/4/91:
Rob Wilson has informed me that the third UST, closest to the building has been cleaned out by Clean Harbors and filled-in-place.

No further action is anticipated at this time.

S. G. Brezinski 6/21/91
STEPHEN G. BREZINSKI
Oil & Hazardous Materials Specialist I
Bureau of Hazardous Materials & Solid Waste Control

SGB/mj

cc: file

P257/91SB
Lampron's Mini-Mart (Gorham)

4/14/91:
Dana Lampron called to report that the Special Product UST had suddenly started taking on water which is indication of a leak. Dana Lampron, with his sister Denise, had just purchased this facility from his father Hubert, See P-403-89.

5/8/91, Wednesday:
At this time Ron Wilson has informed me the Special UST has failed P-Test, the Dept will not give Lampron a variance to install a new tank and hook it up to the old piping; so Lampron will install a whole new facility starting 5/13/91. Wilson has submitted the needed notices to the Dept. and is granted a waiver of the removal waiting period.

5/13/91, Monday:
I arrived on site about 1030 and observed tanks 2 and 3 being dry iced and checked for inertness with an oxygen meter. Tank no 3, farthest from the building, had a rusty sand coating on top and was clean on bottom. Though this tank so far had no evidence of leakage, a 3/8" diameter hole was found next to a large corrosion point, about 1/3 up from the bottom at the tank end and below water table line on the tank (see photo).

Contaminated soil is concentrated around fill pipes which was removed for proper disposal. Groundwater at 7 - 8 feet below grade is free of any petroleum sheen and odor.

Tank no. 2 had deep pitting under the fill pipe side and a failed weld seam of about 8" at the bottom end; with a crack large enough to stick a pen in (see photo).

On site I also saw a new 2000 gallon, Mohawk brand Sti-P3, 360 doublewall steel UST. The new double-compartment tank was still on order. I was surprised to see such large holes in the tanks with such little contamination, though this is not the first time this has occurred. I suspect tight soil and or tank sludge prevented discharge of tank contents and the holes opened up with the tank's removal.

5/16/91:
The two new UST's are in and the soil taken for landfarming at the Gorham Public Works yard on Huston Road. See attached agreement.

LAND SPREADING AGREEMENT FORM

S. Brezinski has inspected the proposed land spreading
(Name of Inspector)

site at GORHAM PUBLIC WORKS, Huston Rd. facility
(Location of Site)

in the Town of Gorham, Maine.
(Name of Town)

The site named above has been found satisfactory for land spreading in accordance with Department Land Spreading Guidelines (attached). Limitations to this agreement are listed below. :

a) Soil generated by Little Falls Mini Mart, Gorham ME (Lampron Enterprises, 839-6054), consisting of virgin motor fuels (gasoline) contamination.

b) Soil to be spread 4-6 inches thick, tilled bi-weekly and fertilized with (high Nitrogen) fertilizer (ie 30/5/5) at 1/4 lb per cubic yard on May 17, June 20, and July 20.

c) Soil recycling may end September 1, 1991.

d) Soil not to be disturbed, or removed prior to 9/1/91 without prior DEP notification and approval.

I, DANA LAMPRON of LAMPRONS Enterprize
(Company Representative) (Company Name)
agree to abide by the attached guidelines and limitations outlined above in spreading oil contaminated soil on the site identified above. I further agree to abide by all Local, State and Federal codes, regulations, and laws. The site will be open to inspection by DEP personnel for the duration of the Land Treatment process. I further acknowledge that my company bears the full responsibility for all operations on and at this site and that my company will notify the town of our operation by sending them the PINK copy of this Agreement Form within seven (7) days.

Dana A Lampron — 5/17/91
Company Representative — Date signed

White - Company Rep. Canary - DEP Rep. Pink - Town

VIL_RESP04308

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & HAZARDOUS MATERIALS REPORT FORM

Spill Number P - 206 - 94

SUBJECT / OWNER OR OPERATOR

Name (Last, First, MI): TOWN OF WINDAM

Address: 8 SCHOOL RD Town: NORTH WINDHAM

State: ME Zip: 04062 Telephone: (207) 892-1907

Comments: GLENN FRATPO,TM STEVE WALKER, TE-892-1909

LOCATION / FACILITY INFORMATION

Spill Location: TOWN OF WINDHAM

Address: DEPOT ST Location ID: 19040

Town: WINDHAM Zip:

Latitude N: / / Longitude W: / /

SPILL / EVENT INFORMATION

Spill Type: B (Table A) Amount Spilled: 0.99 G (Gals, Yds3, Lbs or Bbls)

Product Reported Spilled: 06 (Table B) Product Actually Found: 06 (Table B)

Date Of Spill: Time Of Spill: (Military)

Date Reported: Apr. 07, 1994 Time Reported: 1648 (Military)

Cause Of Spill: 18 (Table C) Detection Method: 4 I (Table D)

Incident Code: H - NA - R - (Table E)

DEP response time involved: 8 Wells At Risk: 0 Wells Impacted: 0

Investigators' names : THOMPSON, NATHAN

PERSON REPORTING EVENT

Name (Last, First, MI): GLENN FRATPO, TM WINDHAM

Address: 8 SCHOOL RD Town: NORTH WINDHAM

State: ME Zip Code: 04062 Telephone: (207) 892-1907

30

VIL_RESP04309

P-206-94/19040

Town of Windham (Windham)

On 7 April 1994, 1648 hours, Glenn Fratto, Town Manager of Windham, reported that #6 oil was discovered in a culvert on Depot St., Windham. Fratto informed me that there was no active leak and that the material had been in the culvert for some time.

8 April, I visited the site and observed a limited amount of emulsified free product in a concrete junction box. The concrete sides of the box were coated with the material. Don Parker, Windham Public Works, informed me that the material was not there last summer (1993), and that one of the pipes in the junction box is connected to piping that directly discharges into the Presumpscot R., but that nobody knows where the out-fall is located.

Fratto informed me that, when Depot St. was re-paved approx. three years ago, two under ground tanks were removed directly across from the junction box (approx. 50 ft. away on the same side of the street). The USTs were associated with a closed steel mill adjacent to the junction box.

Gordon Pott and I observed approx. five or six large (capacities in the thousands of gallons) #6 oil storage tanks associated with the mill.

13 April, I spoke with Fratto at the DEP Portland Office. I informed him that the Department is requesting all liquids be removed from the mill and test pits or trench be excavated next to the junction box to investigated any possible free product of #6 oil that may be present. Fratto agreed.

20 April, I received the attached correspondence from Fratto, RE: Response to Environmental Concerns.

27 April, I visited the site and observed a Massachusetts contractor scoop out oil soaked rocks, debris, and gravel from the junction box, with a specialized "orange peeler attachment" connected to a hydraulic boom affixed to a medium duty truck.

28 April, Steve Walk of Windham Public Works informed me that approx. three cubic yards was generated as a result of the junction box cleaning on 27

April. I FAXed a DEP Virgin Product Letter to Commercial Recyclers, Scarborough, for the disposal of 3.16 tons (2.10 cubic yards) of contaminated soil.

30 August 1994, I met with Lawrence Keddy and his associate. We proceeded to stick vessels to determine an estimate of the amount and types of liquids on the mill site. I estimated that approx. 4, 368.3 gallon total of #2 oil, #4 oil, #6 oil, and oil/water mixtures are present on site. Keddy informed me that he did not have ASTs or USTs located on Depot street, as Fratto claimed to me prior.

On 23 January 1995, I sent Keddy the attached letter dated 23 January 1995.

NATHAN THOMPSON, OHMS I
Division of Response Services
Bureau of Hazardous Materials and Solid Waste Control

INSPECTION PHOTOS

Date: ___ / ___ / ___	Company Name:
Time:	Co. EPA ID No.:
Photograph taken by:	Site Location:
Comments:	
Photo #:	
Roll #:	

Date: ___ / ___ / ___	Company Name:
Time:	Co. EPA ID No.:
Photograph taken by:	Site Location:
Comments:	PHOTO
Photo #:	
Roll #:	

VIL_RESP04312

Date 28 APRIL 94 DEP SPILL # P-206-94

GENERATOR TOWN OF WINDHAM

TRANSPORTER TOWN OF WINDHAM

REFERENCE: SHIPMENT OF OIL SPILL DEBRIS

ON 28 APRIL 94 (date) NATHAN THOMPSON (DEP represenative) OBSERVED THE

clean up of oil spill debris at DEPOT STREET (location)

WINDHAM, MAINE

which resulted from JUNCTION BOX (description of incident)

Cleaning

This shipment consists of _____ (quantity) yards

~~and/or~~ ROCKS & GRAVEL ~~drums~~ of solid contaminated with

#6 VIRGIN (contaminant)

fuel oil

Solids consist of (check as appropriate)

- ___ sand, gravel or soil
- ___ speedy-dri
- ___ sorbent
- x other Rocks & Gravel (descibe or lists)

Facility is (check One)

- ___ Landfill
- ___ Land Spreading Site
- ___ Asphalt Plant
- ___ Asphalt Pug Mill
- ___ other Commercial Recyclers Scarborough, Maine (describe)

Signature- DEP Representative

Signature-Facility Representative

white - DEP Representative
Pink - Generator
Canary - Transporter
Goldenrod - Receiving facility

VIL_RESP04313

Commercial Recycling Systems

GENERATOR SPECIAL WASTE PROCESSING INFORMATION

I GENERATOR INFORMATION:

a) Generator Town of Windham Contact _____
Address 8 School St. Windham, ME 04062
b) Process Generating the Waste Unknown
c) Site of Generation Manhole Depot St. Windham, ME
d) Contracting Firm Same As Generator Contact Steve Walker
Address _____ Phone# 892-1909
e) DEP On Site Representative Nate Thompson Spill# P-206-94

II PROCESSING INFORMATION:

a) Type of Waste Material Processed V.P.O.C.S. (#6)
b) Amount of Waste Received _____ Cu Yds 3.16 Tons
Date Waste Received 4/28/94
c) Amount of Additional Material Needed _____ Cu Yds _____ Tons
d) Total Amount of Material Processed _____ Cu Yds 3.16 Tons
e) Date Processed 5/03/94
f) Processing Site Commercial Recycling Systems, Scarborough, Maine
g) Stockpile Site for Processed Material CRS, Scarborough, Maine
Amount of Waste Material Stockpiled _____ Cu Yds 3.16 Tons
Date Waste Material Stockpiled 5/03/94
h) Final Disposition of Processed Material Stockpiled
Amount of Processed Material _____ Cu Yd 3.16 Tons
Date of Final Disposition 5/03/94
i) Commercial Recycling Systems Job# 30452

II WASTE CHARACTERIZATION:

Stockpiled material to be used as road base or base paving material.

(Signature) (Title)

Attach a Copy of DEP Oil Spill Debris Manifest

Division of Commercial Paving Co., Inc.
Gibson Road, Scarborough, ME 04074
M.L. Gibson, President
(207) 883-3325
Doug Gleason, General Manager
Fax (207) 883-1121

Office of the Town Manager

GLENN E. FRATTO

April 15, 1994

Lawrence Keddy
c/o The Cumberland Corporation (892-4000)
P. O. Box 40
Windham, ME 04062

Re: Assistance to Town in Addressing Environmental Concern

Dear Mr. Keddy:

Again, I thank you and Bruce Crawsord for meeting with me Friday evening, April 8th to assess the environmental concern the Town has at our box culvert on Depot Street. As we reviewed, the Town and the Maine Department of Environmental Protection worked together to clean oil residue from the culvert. It is our hope that this residue was a one time occurrence caused by this past year's unusual weather situation.

In any case, I appreciate your concern about any further environmental issues. In my discussions with Nate Thompson, Environmental Specialist 1, at Maine DEP, he advises that you, as owner of the steel mill property, contact a firm such as Clean Harbors to pump out and dispose of any fossil fuels that may still be stored at the site. By removing any remaining fuel now, we may avoid any future problems.

Thank you for your consideration of this request. Please feel free to contact Nate Thompson at 822-6300 if you desire further information.

Sincerely,

Glenn Fratto

Glenn Fratto
Town Manager

P.S. Attached find an article from the April 13th *Portland Press Herald* titled, "Wanted: Old Maine factory for moviemakers to blow up".
cc: Nate Thompson

8 School Rd Windham ME 04062 • (207) 892-1907 • FAX (207) 892-1929

VIL_RESP04315

STATE OF MAINE

DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN R. McKERNAN, JR.
GOVERNOR

DEAN C. MARRIOTT
COMMISSIONER

DEBRAH RICHARD
DEPUTY COMMISSIONER

23 January 1994

Lawrence Keddy
The Cumberland Corp.
P.O. Box 40
Windham, Maine 04062

Dear Mr. Keddy:

I'm writing to follow up on the issue of remaining fluids in the abandon mill located on Depot St., Windham.

During our 30 August 1994, meeting you expressed a desire to remove the liquids and thus I'm inquiring as to the present status of the situation. As you are aware, it was estimated that various types of heating fuels including #2 oil, #4 oil, #6 oil, and oil/water mixtures, totaling approximately 4, 370 gallons are present in various vessels on the mill site.

Due to the fact that the mill is not secured from unauthorized entry, is unoccupied, and located on a mapped flood plain, the concern of the Department is liquids escaping their present containment undetected via human or environmental means causing a discharge onto the land or into the Presumpscot River directly, or through several storm drain receptors located on the site that discharge to the river. Although the Department can not require you to remove the liquids, please be advised that in the event of a prohibited discharge the Department will require an acceptable clean-up including the removal of all threatening discharges. I have attached applicable state statute.

Please write or call me at 207-822-6300 with in a reasonable amount of time of your intentions or prior actions regarding this matter.

AUGUSTA
STATE HOUSE STATION 17
AUGUSTA, MAINE 04333-0017
207) 289-7688 FAX. (207) 289-7826
OFFICE LOCATED AT RAY BUILDING, HOSPITAL STREET

PORTLAND
312 CANCO ROAD
PORTLAND, ME 04103
(207) 879-6300 FAX. (207) 879-6303

BANGOR
106 HOGAN ROAD
BANGOR, ME 04401
(207) 941-4570 FAX: (207) 941-4584

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, ME 04769
(207) 764-0477 FAX: (207) 764-1507

printed on recycled paper

Sincerely,

Nathan Thompson, Oil & Hazardous Materials Specialist I
Division Of Response Services,
Bureau of Hazardous Materials & Solid Waste Control

pc: Glenn Fratto, Windham
Diania McLaughlin, ME DEP

Office of the Town Manager

GLENN E. FRATTO

April 15, 1994

Nate Thompson
Environmental Specialist 1
Maine Department of Environmental Protection
312 Canco Road
Portland, ME 04103

Re: Response to Environmental Concern

Dear Nate:

Again, thank you for your prompt response to the Town's request to address the environmental concern on Depot Street. Your willingness to work together with the Town to clean oil residue from the box culvert is appreciated.

Attached please find the correspondence to Lawrence Keddy, owner of the old steel mill off Depot Street, which you and I discussed at your office on April 13th.

Sincerely,

Glenn Fratto
nj

Glenn Fratto
Town Manager

Encl.

GF/nj

8 School Rd. Windham ME 04062 • (207) 892-1907 • FAX (207) 892-1929

VIL_RESP04318

To L. KEDDEY	From TE THOMPSON
Co. Cumberland Corp.	Co. ME DEP
Dept.	Phone # 822-6300
Fax # 892-8500	Fax # 822-6303

NATHAN THOMPSON
MAINE DEP
PORTLAND - 822-6300

LAWRENCE: These companies may be able to provide you with the pumping, cleaning, removal, and tank disposal services you may require

(A) SEACOAST OCEAN SERVICES (800-339.2111)(774.2111)

(B) Clean Harbors (800-526-9191)(799.8111)

(C) SUN ENVIRONMENTAL (799.3569)

(D) Pollution Control Services (800-287.0770)
892.0884

(E) TOTAL WASTE MANAG. (800.345.4525)
(603.431.2420)

(F) CYN ENVIRONMENTAL (617.344.0265)

so - my prefatory estimate on total gallons is: 1800 gallons ~~#2~~ #4 oil; 59 gallons #2; and I have yet to calculate for #6 oil. These estimates may change, as I have to double check my formula I used to make these estimates

- I'm checking on regulations for demolition debris, and I'll talk to you next week about that and other matters.

call me if you have any questions,
NATHAN

VIL_RESP04319

TANK #1

LENGTH = 25'

= 7.5" HORIZ.

- #4 (PAST PRODUCT #6)
- ~~INTERNAL~~ EXTERNAL INSULATION
- 14 inches ~~proud~~ PRODUCT discovered in tank

NOT ABLE TO LOCATE EXACT TANK MEASURE, USED MEAN BETWEEN:

(A) TANK DIA. 8' by LENGTH 26'8 at 14 inches product (10,000 gal TANK) = 905 gal.

(B) TANK DIA. 8' by LENGTH 21'4" at 14 inches product ~~(8022 gal TANK)~~ (8000 gal TANK) = 724 gal.

EST. PRODUCT IN TANK #7 = 815 gallons #4

TANK #2

LENGTH = 41'

= 10' HORIZ.

#4 (PAST PRODUCT #6)

- INTERNAL INSULATION

~13 inches product discovered in tank

NOT ABLE TO LOCATE EXACT TANK MEASURE, USED MEAN BETWEEN:

(A) TANK DIA. 10'6" by LENGTH 47' at 13 inches = 1,659 gal (30,000 gal. TANK)

(B) TANK DIA. 10'6" by LENGTH 31' at 13 inches = 1,100 (20,000 gal tank)

EST. PRODUCT IN TANK #2 = 1,379.5 gal. (14,000) #4 PETE

TANK #3

DIA = 9'

VERT.

= 9' (108 IN)

#2

1.5" inches product discovered

3,000 gal. tank (KNOWN QUANTITY)

~~NOT ABLE TO LOCATE TANK MEASURE = A 5,000 gallon (DIA 8ft Height 13'5) at 3 inch product = 94 gal.~~

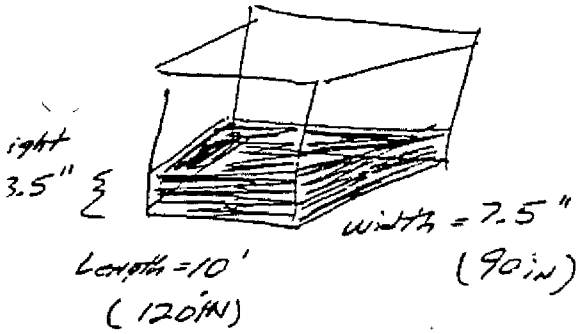
108 inches = 3,000 gal.

$1.5 \text{ inches} \times \frac{3{,}000 \text{ gal}}{108 \text{ in}} = 41.6 \text{ gal.}$

EST. PRODUCT IN TANK #3 = 40 gallons

VIL_RESP04320

Tank # 4



37,800 in³ ×

$3.5\,in \times 120\,in \times 90\,in$

$= 37{,}800$ cu inches

$\times\ 4.329 \times 10^{-3}$

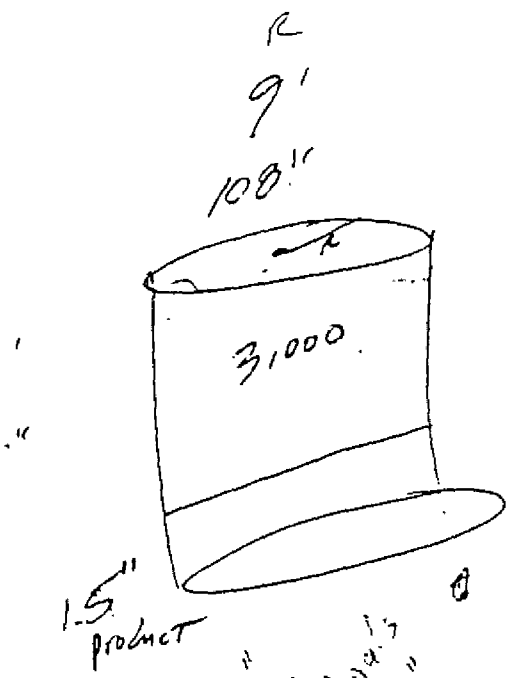
(conversion factor)

$= 163.6362$ gallons

est. product in Tank # 4

= 163 gal.

#4



$\pi r^2 = \text{Area}$

$3.14 \times 54\,in^2 =$

3.14×2916

$9156\,in^2$

$+\ 13{,}73\,in^3 = 59$ gals product

9888 73 cu in, total

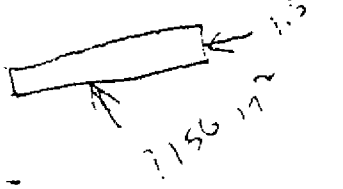
9156.

9160

4,374 cu in

19 gal

$\frac{1.5''}{57\,in^3} = \frac{x''}{7380\,in^3}$



VIL_RESP04321

892-8500
Fax

Post-it brand fax transmittal memo 7671	# of pages ▸ 9
To Lawrence Kiddy	From Nate Thompson
Co. Cumberland Corp	Co. ME DEP
Dept.	Phone # 822-6300
Fax # 892-8500	Fax # 822-6303

Lawrence:

These are the calculations I made. The margin of error is: Human Error. So, give or take a hundred gallons or so.

TOTALS: #4 = 2,812.7 gallons

#2 = 231.1 gallons

#6 = 542.9 gallons

OIL/WATER = 781.6 gallons

4,368.3 gallons

so: I will contact you by friday on the demolition debris question you had.

Call me if you have Any questions

Nathan

VIL_RESP04322

VIL_RESP04323

2027 4

APPENDIX G

JOB NO. _____

LOG OF TEST PIT TP-1

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.6' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	1.2' BROWN SILTY SAND WITH GLASS AND ORGANICS (FILL)	0 ppm
	X	S-2	2.7' LIGHT BROWN SILTY SAND	0 ppm
			REFUSAL (BEDROCK)	
5				
10				

Completion Depth 2.7'

Depth to Water NO FREE WATER OBSERVED

LOG OF TEST PIT TP-2

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.4' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	1.5' BROWN SILTY SAND WITH GLASS AND ORGANICS (FILL)	0 ppm
	X	S-2	LIGHT BROWN SILTY SAND	0 ppm
5			REFUSAL (BEDROCK)	
10				

Completion Depth 5.1'

Depth to Water NO FREE WATER OBSERVED

S. W. COLE ENGINEERING, INC.

Job No. 95-4991 E

LOG OF TEST PIT TP-3

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.4' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	1.5' DARK BROWN SILTY SAND WITH BRICKS AND COBBLES (FILL)	0 ppm
	X	S-2	2.2' LIGHT BROWN SILTY SAND	0 ppm
			REFUSAL (BEDROCK)	
5				
10				

Completion Depth 2.2'

Depth to Water NO FREE WATER OBSERVED

LOG OF TEST PIT TP-4

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	DARK BROWN SILTY SAND WITH WOOD, BRICKS, METAL PIECES AND COBBLES (FILL)	0 ppm
5	X	S-2		0 ppm
	X	S-3		0 ppm
10			10.0' BOTTOM OF EXPLORATION (TEST PIT CAVED)	

Completion Depth 10.0'

Depth to Water NO FREE WATER OBSERVED

Job No. 95-499.1 E

LOG OF TEST PIT TP-5

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	0.3' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	60 ppm
	X	S-2	DARK BROWN SAND WITH WOOD, BRICKS, METAL AND DARK GRAY ZONES OF PETROLEUM CONTAMINATION (STRONG FUEL OIL ODOR) (FILL)	605 ppm
5	X	S-3	5.5'	710 ppm
	X	S-4	GRAY BROWN CLAYEY SILT WITH SOME SAND 9.0'	0 ppm
10			BOTTOM OF EXPLORATION (TEST PIT CAVED)	

Completion Depth 9.0'

Depth to Water 5.5' (FLOWING FROM SIDEWALL)

LOG OF TEST PIT TP-5A

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.6' BROWN SILTY SAND WITH SOME BRICKS (FILL)	
	X	S-1	1.1' DARK GRAY ZONE OF THICK PETROLEUM (STRONG ODOR)	635 ppm
	X	S-2	DARK BROWN SAND WITH WOOD, BRICKS, METAL PIECES (FILL) 4.8'	8 ppm
5	X	S-3	GRAY BROWN CLAYEY SILT WITH SOME SAND 7.0'	0 ppm
10			BOTTOM OF EXPLORATION	

Completion Depth 7.0'

Depth to Water 4.8' (FLOWING FROM SIDEWALL)

VIL_RESP04327

S. W. COLE ENGINEERING, INC.

Job No. 95-4991 E

LOG OF TEST PIT TP-6

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.5' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	BROWN SILTY SAND WITH WOOD, BRICKS, METAL (REBAR) (FILL)	0 ppm
5	X	S-2		0 ppm
			9.5'	
10	X	S-3	10.5' BROWN CLAYEY SILT WITH SOME SAND	0 ppm
			BOTTOM OF EXPLORATION (TEST PIT CAVED)	

Completion Depth 10.5'

Depth to Water 7.5' (FLOWING HEAVY FROM SIDEWALL)

LOG OF TEST PIT TP-7

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.5' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	BROWN SAND WITH SOME GRAVEL, WOOD, BRICKS AND ASH (FILL)	0 ppm
5	X	S-2	5.5'	0 ppm
			BOTTOM OF EXPLORATION	
10				

Completion Depth 5.5'

Depth to Water 3.0' (FLOWING HEAVY FROM SIDEWALL)

S. W. COLE ENGINEERING, INC.

VIL_RESP04328

Job No. 95-499.1 E

LOG OF TEST PIT TP-8

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.5' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	BROWN SILTY SAND WITH SOME GRAVEL, BRICKS, WOOD AND METAL (REBAR) (FILL)	0 ppm
	X	S-2	5.0'	0 ppm
5			BOTTOM OF EXPLORATION	
10				

Completion Depth 5.0'

Depth to Water 2.5' (FLOWING HEAVY FROM SIDEWALL)

LOG OF TEST PIT TP-9

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.2' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	BROWN SILTY SAND WITH BRICKS, WOOD, RUBBER, METAL (BARRELS, STEEL PIECES) AND ASH (FILL)	0 ppm
5	X	S-2		0 ppm
	X	S-3		0 ppm
10	X	S-4	12.0'	0 ppm
			REFUSAL (BEDROCK)	

Completion Depth 12.0'

Depth to Water NO FREE WATER OBSERVED

Job No. 95-499.1 E

LOG OF TEST PIT TP-10

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.5' BROWN SAND (FILL)	
	X	S-1	DARK BROWN SILTY SAND WITH BRICKS, WOOD, RUBBER, METAL (BARRELS AND STEEL PIECES) AND ASH (FILL)	0 ppm
5	X	S-2		0 ppm
	X	S-3		0 ppm
10			13.5'	
	X	S-4	14.8' BROWN SAND	
			REFUSAL (BEDROCK)	

Completion Depth 14.8'

Depth to Water NO FREE WATER OBSERVED

LOG OF TEST PIT TP-11

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	BROWN SILTY SAND WITH SOME BRICKS, WOOD, GLASS, METAL (BARRELS AND SHAVINGS) AND REDDISH BROWN ASH (FILL)	0 ppm
5	X	S-2		0 ppm
	X	S-3	6.5'	0 ppm
	X	S-4	GRAY BROWN CLAYEY SILT WITH SOME FINE SAND	0 ppm
			9.0'	
10			REFUSAL (BEDROCK)	

Completion Depth 9.0'

Depth to Water WATER SEEPING FROM SIDEWALL AT 8.0'

Job No. 95-4991 E

LOG OF TEST PIT TP-12

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	0.2' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS) 1.5 BROWN SANDY GRAVEL (FILL)	0 ppm
5	X	S-2	DARK BROWN SILTY SAND WITH BRICKS, WOOD, ASPHALT SHINGLES AND ASH (FILL) 8.3'	0 ppm
10			REFUSAL (BEDROCK)	

Completion Depth 8.3'

Depth to Water NO FREE WATER OBSERVED

LOG OF TEST PIT TP-13

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.3' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	DARK BROWN SILTY SAND WITH BRICKS, WOOD, AND ASH (FILL) 5.0'	0 ppm
5	X	S-2	REDDISH BROWN SAND AND ASH WITH BRICKS (FILL) 9.0'	0 ppm
10	X	S-3	10.0' GRAY BROWN CLAYEY SILT WITH SOME SAND BOTTOM OF EXPLORATION	0 ppm

Completion Depth 10.0'

Depth to Water 9.0' (SEEPING FROM SIDEWALL)

S. W. COLE ENGINEERING, INC.

VIL_RESP04331

Job No. 95-499.1 E

LOG OF TEST PIT TP-14

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.2' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	LIGHT BROWN SILTY SAND WITH BRICKS AND SOME COBBLES (FILL) 3.2'	0 ppm
5	X	S-2	DARK BROWN SILTY SAND WITH METAL PIECES AND BROWN ASH (FILL) 6.0'	0 ppm
10	X	S-3	BROWN SAND WITH SOME GRAVEL AND COBBLES (FILL) 11.0'	0 ppm
	X	S-4	12.0' GRAY BROWN CLAYEY SILT WITH SOME FINE SAND	0 ppm
			BOTTOM OF EXPLORATION	

Completion Depth 12.0'

Depth to Water WATER SEEPING FROM SIDEWALL AT 10.5'

LOG OF TEST PIT TP-15

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	1.5' BROWN SANDY GRAVEL (FILL)	0 ppm
	X	S-2	BROWN SAND AND WEATHERED ROCK 3.8'	0 ppm
5			REFUSAL (BEDROCK)	
10				

Completion Depth 3.8'

Depth to Water NO FREE WATER OBSERVED

S. W. COLE ENGINEERING, INC.

VIL_RESP04332

Job No. 95-499.1 E

LOG OF TEST PIT TP-16

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.3' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	DARK BROWN SILTY SAND WITH WOOD, METAL AND BRICKS (FILL)	0 ppm
	X	S-2		0 ppm
5	X	S-3	BROWN CLAYEY SILT WITH SOME SAND	0 ppm
			BOTTOM OF EXPLORATION	
10				

Completion Depth 6.0'

Depth to Water 5.0'

LOG OF TEST PIT TP-17

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.4' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	1.5' BROWN SAND WITH SOME BLACK HARD OIL RESIDUE (FILL)	15 ppm
	X	S-2	BROWN CLAYEY SILT WITH SOME SAND 4.0'	0 ppm
5			BOTTOM OF EXPLORATION	
10				

Completion Depth 4.0'

Depth to Water NO FREE WATER OBSERVED

Job No. 95-499.1 E

LOG OF TEST PIT TP-18

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	0.4' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS) 1.3' BROWN SAND WITH SOME BLACK HARD OIL RESIDUE (FILL)	10 ppm
	X	S-2	BROWN CLAYEY SILT WITH SOME SAND	0 ppm
5			5.5' BOTTOM OF EXPLORATION	
10				

Completion Depth 5.5'

Depth to Water 5.5'

LOG OF TEST PIT TP-19

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	0.3' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS) 1.5' BROWN SILTY SAND WITH TRACE OF GRAVEL (FILL)	0 ppm
	X	S-2	GRAY BROWN CLAYEY SILT WITH SOME FINE SAND	0 ppm
5			5.0' BOTTOM OF EXPLORATION	
10				

Completion Depth 5.0'

Depth to Water 4.5'

Job No. 95-499.1 E

LOG OF TEST PIT TP-20

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	BROWN SILTY SAND WITH BRICKS AND ASH (FILL) 3.0'	0 ppm
	X	S-2	BROWN SILTY SAND	0 ppm
5	X	S-3	6.5'	0 ppm
			BOTTOM OF EXPLORATION	
10				

Completion Depth 6.5'

Depth to Water NO FREE WATER OBSERVED

LOG OF TEST PIT TP-21

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0	X	S-1	0.2' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS) 1.0' BROWN SANDY GRAVEL (FILL)	0 ppm
	X	S-2	BROWN SILTY SAND WITH SOME LEATHER, METAL, GLASS AND WOOD (FILL)	0 ppm
5			6.0'	
			BOTTOM OF EXPLORATION	
10				

Completion Depth 6.0'

Depth to Water NO FREE WATER OBSERVED

S. W. COLE ENGINEERING, INC.

Job No. 95-4991 E

LOG OF TEST PIT TP-22

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0				
	X	S-1	BROWN GRAVELLY SAND WITH SOME BRICKS AND COBBLES (FILL)	0 ppm
5	X	S-2		0 ppm
	X	S-3	8.0'	0 ppm
10			REFUSAL (BEDROCK)	

Completion Depth 8.0'

Depth to Water NO FREE WATER OBSERVED

LOG OF TEST PIT TP-23

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.7' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	DARK BROWN SILTY SAND WITH BRICKS, METAL, WOOD (FILL)	0 ppm
	X	S-2	4.5'	0 ppm
5	X	S-3	5.5' BROWN SAND WITH TRACE OF GRAVEL (FILL)	0 ppm
	X	S-4	6.5' BROWN CLAYEY SILT WITH SOME SAND	0 ppm
			BOTTOM OF EXPLORATION	
10				

Completion Depth 6.5'

Depth to Water NO FREE WATER OBSERVED

Job No. 95-499.1 E

LOG OF TEST PIT TP-24

DATE 11/13/95 SURFACE ELEV. _____ LOCATION SEE SHEET B-2

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0			0.5' BROWN ORGANIC TOPSOIL (GRASS AND ROOTS)	
	X	S-1	DARK BROWN SILTY SAND WITH BRICKS, METAL PIECES (FILL) 3.0'	0 ppm
5	X	S-2	REDDISH BROWN ASH WITH BRICKS AND SAND (FILL) 8.0'	0 ppm
10			BOTTOM OF EXPLORATION (TEST PIT CAVED)	

Completion Depth 8.0'

Depth to Water NO FREE WATER OBSERVED

LOG OF TEST PIT _____

DATE _____ SURFACE ELEV. _____ LOCATION _____

Depth (Ft.)	Symbol	Sample	Soil Description	PID Test Results (ppm)
0				
5				
10				

Completion Depth _____

Depth to Water _____

S. W. COLE ENGINEERING, INC.

VIL_RESP04337

APPENDIX H

APPENDIX H
Table H-1

Sample Origin	Sample	Depth (ft)	PID Reading (PPM)	Temp. (°F)
TP-1	S-1	1.0	ND	70
	S-2	2.5	ND	71
TP-2	S-1	1.0	ND	70
	S-2	4.0	ND	71
TP-3	S-1	1.0	ND	72
	S-2	2.0	ND	72
TP-4	S-1	2.0	ND	73
	S-2	6.0	ND	70
	S-3	8.5	ND	71
TP-5	S-1	1.0	60	72
	S-2	4.0	605	70
	S-3	5.0	710	71
	S-4	8.0	ND	69
TP-5A	S-1	1.0	635	72
	S-2	2.5	8.0	72
	S-3	5.5	ND	70
TP-6	S-1	1.5	ND	69
	S-2	5.0	ND	71
	S-3	10.0	ND	71
TP-7	S-1	2.0	ND	70
	S-2	5.0	ND	69
TP-8	S-1	1.0	ND	72
	S-2	4.5	ND	72
TP-9	S-1	1.5	ND	70
	S-2	5.5	ND	70
	S-3	8.0	ND	69
	S-4	11.5	ND	68
TP-10	S-1	2.0	ND	72
	S-2	6.0	ND	72
	S-3	8.5	ND	71
TP-11	S-1	2.0	ND	69
	S-2	4.5	ND	69
	S-3	6.0	ND	70
	S-4	8.0	ND	70
TP-12	S-1	1.0	ND	68
	S-2	5.0	ND	69
TP-13	S-1	3.0	ND	72
	S-2	5.5	ND	70
	S-3	9.5	ND	69
TP-14	S-1	2.5	ND	70
	S-2	5.0	ND	70
	S-3	9.5	ND	72
	S-4	11.5	ND	72

APPENDIX H
Table H-1

Sample Origin	Sample	Depth (ft)	PID Reading (PPM)	Temp. (°F)
TP-15	S-1	1.5	ND	70
	S-2	4.5	ND	71
TP-16	S-1	1.5	ND	70
	S-2	4.5	ND	70
	S-3	5.5	ND	69
TP-17	S-1	1.0	15.0	72
	S-2	3.0	ND	72
TP-18	S-1	1.0	10.0	71
	S-2	3.5	ND	71
TP-19	S-1	1.0	ND	70
	S-2	2.5	ND	70
TP-20	S-1	1.0	ND	69
	S-2	3.5	ND	69
	S-3	6.0	ND	69
TP-21	S-1	0.5	ND	72
	S-2	3.0	ND	71
TP-22	S-1	3.0	ND	73
	S-2	6.0	ND	73
	S-3	7.5	ND	72
TP-23	S-1	1.5	ND	70
	S-2	3.5	ND	71
	S-3	5.0	ND	70
	S-4	6.0	ND	70
TP-24	S-1	2.5	ND	71
	S-2	5.0	ND	71

ND = Non-Detect
ppm = Parts Per Million
°F = Degrees Fahrenheit
Ft. = Feet
Readings obtained w/MicroTIP MP-1000 calibrated with isobutylene gas to 100 ppm using MDEP polybag headspace method. Results are a direct reading from the PID, and MDEP set numbers were not used.

Table H-2

	Sample	Depth	PID Reading (PPM)	TEMP. (°F)
Contaminated Soil Excavation	S-1	1.0'	10	71
	S-2	2.5'	130	71
	S-3	4.0'	790	72
	S-4	5.5'	15	72
	S-5	4.0'	ND	70
	S-6	4.5'	ND	71
	S-7	6.0'	ND	72

ND = Non-Detect
ppm = Parts Per Million
°F = Degrees Fahrenheit
' = Feet
Readings obtained w/MicroTIP MP-1000 calibrated with isobutylene to 10 ppm isobutylene gas using MDEP polybag headspace method. Results are a direct reading from the PID, set numbers not used.

APPENDIX I

ENVIRONMENTAL DIAGNOSTIC LABORATORIES

RECEIVED

DEC - 6 1995

FINAL REPORT

DATE:	12/01/1995
CUSTOMER:	SW COLE ENGINEERING #95-499.1E
SAMPLE DESCRIPTION:	SO. WINDHAM
PROJECT MANAGER:	GARY BUCKLIN
DATE RECEIVED:	11/14/1995
LAB SAMPLE NUMBER:	00006457

231 Front Street South Portland, ME 04106 207-767-2818 800-992-0150 FAX 767-6321

Environmental Diagnostic Laboratories

mple —— 00006457-001 Comment —— SW COLE ENGINEERING #95-499.1E
formation - SWC #1

OLLECTED : 11/13/1995 10:30 BY : G. BUCKLIN RECEIVED : 11/14/1995 12:20

EST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST
iel Oil in Soil	8000	mg/Kg DW	1	MEDEP 4.1.2	11/20/1995 HMW

DEC - 5 1995

This analysis conducted by GC/FID.
Sample showed presence of hydrocarbon material of unknown identity. Chromatographic "fingerprint" is indicative of heavy molecular weight hydrocarbons. The "fingerprint" is atypical and does not resemble #2 Fuel Oil.

mple Extraction Date	11/20/1995	HMW

VIL_RESP04344

Environmental Diagnostic Laboratories

Sample —— 00006457-003 Comment ——SW COLE ENGINEERING #95-499.1E
Information - SWC #3

CC ECTED : 11/13/1995 11:45 BY : G. BUCKLIN RECEIVED : 11/14/1995 12:20

TEST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST
Arsenic	13 √	mg/kg DW	0.5	SW 846 7060	12/01/1995 MLF
Cadmium	3 √	mg/kg DW	0.5	SW 846 6010	11/21/1995 MLF
Chromium	44 √	mg/kg DW	1.0	SW 846 6010	11/21/1995 MLF
Copper	779 HIGH	mg/kg DW	2.6	SW 846 6010	11/21/1995 MLF
Lead	78 √	mg/kg DW	2.6	SW 846 6010	11/21/1995 MLF
Nickel	152 √	mg/kg DW	2.6	SW 846 6010	11/21/1995 MLF
Silver	ND √	mg/kg DW	1.0	SW 846 6010	11/21/1995 MLF
Zinc	254 √	mg/kg DW	1.0	SW 846 6010	11/21/1995 MLF

Environmental Diagnostic Laboratories

Sample —— 00606457-004 Comment —— SW COLE ENGINEERING #95-499.1E
nformation - SWC #4

COLLECTED : 11/13/1995 12:15 BY : G. BUCKLIN RECEIVED : 11/14/1995 12:20

TEST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST
*** VOLATILE ORGANIC COMPOUNDS + TCL					
Chloromethane	ND	ug/kg DW	31	SW 846 8240	11/15/1995 HMW
Bromomethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Vinyl Chloride	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Chloroethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Methylene Chloride (Dichloromethane)	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Acetone (2-Propanone)	ND	ug/kg DW	62	SW 846 8240	11/16/1995 HMW
Carbon Disulfide	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
,1-Dichloroethene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
,1-Dichloroethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
,2-Dichloroethene (total)	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Chloroform (Trichloromethane)	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
,2-Dichloroethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
-Butanone (MEK)	ND	ug/kg DW	62	SW 846 8240	11/16/1995 HMW
,1,1-Trichloroethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Carbon Tetrachloride	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Vinyl Acetate	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Bromodichloromethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
,2-Dichloropropane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
is-1,3-Dichloropropene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HM
Trichloroethene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Dibromochloromethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
,1,2-Trichloroethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Benzene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
rans-1,3-Dichloropropene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Bromoform (Tribromomethane)	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
-Hexanone	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
-Methyl-2-Pentanone (MIBK)	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Tetrachloroethene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
,1,2,2-Tetrachloroethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Toluene (Methyl Benzene)	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Chlorobenzene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Ethyl Benzene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Trichlorofluoromethane	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
-Chloroethylvinyl Ether	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
tyrene	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
Methyl tert-Butyl Ether	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW
otal Xylenes	ND	ug/kg DW	31	SW 846 8240	11/16/1995 HMW

Environmental Diagnostic Laboratories

ample —— 00006457-004 Comment ——SW COLE ENGINEERING #95-499.1E
nformation - SWC #4

COLLECTED : 11/13/1995 12:15 BY : G. BUCKLIN RECEIVED : 11/14/1995 12:20

EST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST
AMPLE SURROGATE RECOVERIES					
,2-Dichloroethane-D4	106	%			11/16/1995 HMW
Toluene-D8	108	%			11/16/1995 HMW
-Bromofluorobenzene	91	%			11/16/1995 HMW

VIL_RESP04347

Environmental Diagnostic Laboratories

ample —— 00006457-005 Comment —— SW COLE ENGINEERING #95-499.1E
aformation - SWC #5

COLLECTED : 11/13/1995 15:50 BY : G. BUCKLIN RECEIVED : 11/14/1995 12:20

TEST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST	
Arsenic	19	mg/kg DW	0.5	SW 846 7060	12/01/1995	MLF
Cadmium	2	mg/kg DW	0.5	SW 846 6010	11/21/1995	MLF
Chromium	28	mg/kg DW	1.0	SW 846 6010	11/21/1995	MLF
Copper	43	mg/kg DW	3.4	SW 846 6010	11/21/1995	MLF
Lead	87	mg/kg DW	3.4	SW 846 6010	11/21/1995	MLF
Nickel	38	mg/kg DW	3.4	SW 846 6010	11/21/1995	MLF
Silver	ND	mg/kg DW	1.0	SW 846 6010	11/21/1995	MLF
Zinc	29	mg/kg DW	1.0	SW 846 6010	11/21/1995	MLF

VIL_RESP04349

*

* RUN # 220 NOV 20, 1995 09:12:44

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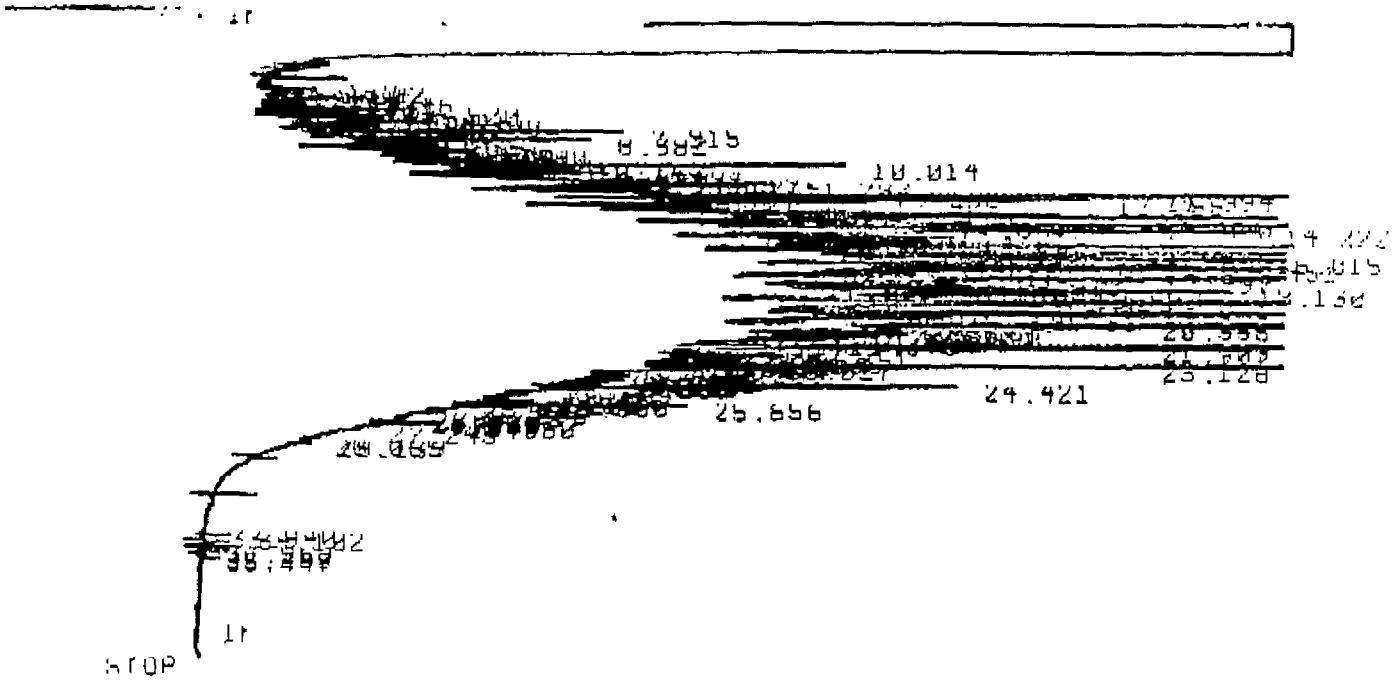

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RUN# 220 NOV 20, 1995 09:12:44

METHOD NAME: M*FUEL.MET

SIGNAL FILE: M:SIGNAL.BNC

2 ml OI #2 FUEL OIL STANDARD

Environmental Diagnostic Laboratories

ample —— 00006457-006 Comment —— SW COLE ENGINEERING #95-499.1E

VIL RESR04350

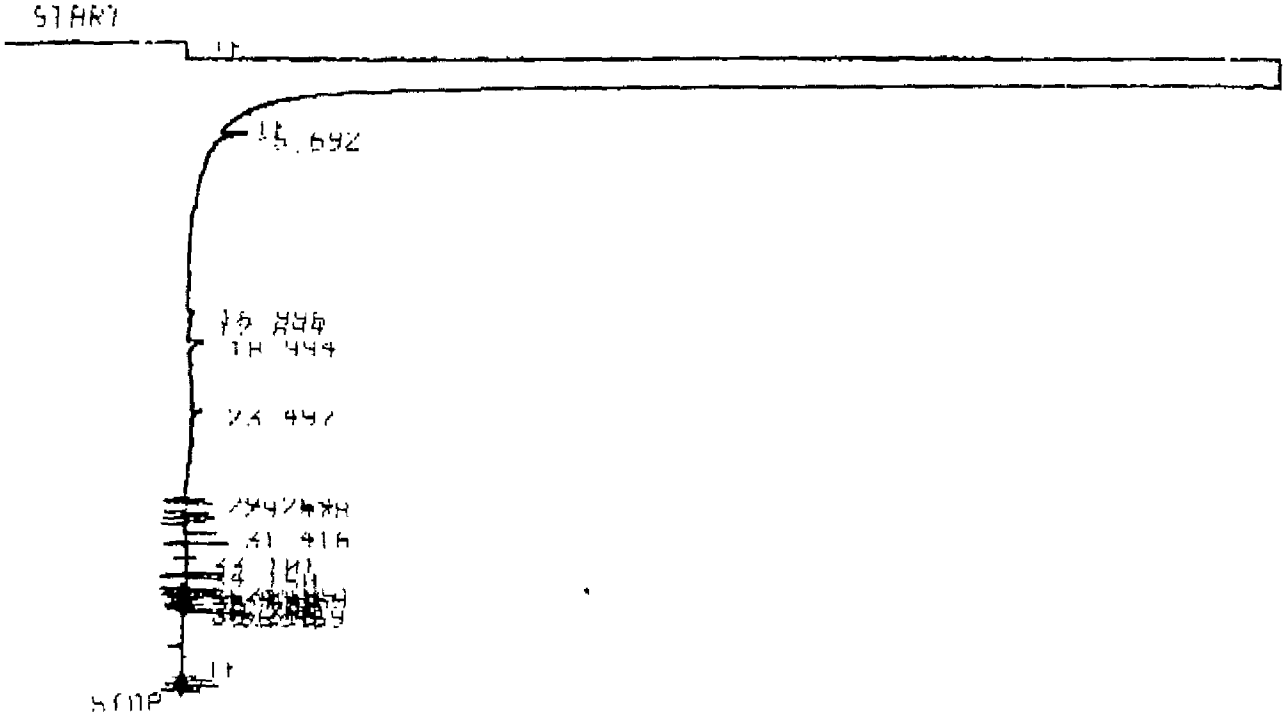
OL CTED : 11/13/1995 16:10 BY : G. BUCKLIN RECEIVED : 11/14/1995 12:20

EST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST
** ORGANOCHLORINE PESTICIDES & PCB'S					
ldrin	ND	ug/kg DW	100	SW 846 8080	11/22/1995
pha-BHC	ND	ug/kg DW	100	SW 846 8080	11/22/1995
eta-BHC	ND	ug/kg DW	100	SW 846 8080	11/22/1995
elta-BHC	ND	ug/kg DW	100	SW 846 8080	11/22/1995
amma-BHC (Lindane)	ND	ug/kg DW	100	SW 846 8080	11/22/1995
hlordane	ND	ug/kg DW	100	SW 846 8080	11/22/1995
,4'-DDD	ND	ug/kg DW	100	SW 846 8080	11/22/1995
,4'-DDE	ND	ug/kg DW	100	SW 846 8080	11/22/1995
,4'-DDT	ND	ug/kg DW	100	SW 846 8080	11/22/1995
ieldrin	ND	ug/kg DW	100	SW 846 8080	11/22/1995
ndosulfan I	ND	ug/kg DW	100	SW 846 8080	11/22/1995
ndosulfan II	ND	ug/kg DW	100	SW 846 8080	11/22/1995
ndosulfan sulfate	ND	ug/kg DW	100	SW 846 8080	11/22/1995
ndrin	ND	ug/kg DW	100	SW 846 8080	11/22/1995
eptachlor	ND	ug/kg DW	100	SW 846 8080	11/22/1995
eptachlor epoxide	ND	ug/kg DW	100	SW 846 8080	11/22/1995
oxaphene	ND	ug/kg DW	100	SW 846 8080	11/22/1995
let vchlor	ND	ug/kg DW	100	SW 846 8080	11/22/1995
ndi Aldehyde	ND	ug/kg DW	100	SW 846 8080	11/22/1995
rochlor-1016	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1221	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1232	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1242	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1248	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1254	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1260	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1262	ND	ug/kg DW	500	SW 846 8080	11/22/1995
rochlor-1268	ND	ug/kg DW	500	SW 846 8080	11/22/1995

xtraction Date 11/17/1995

*SUBCONTRACTED

* RUN # 221 NOV 20, 1995 10:07:37



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METHOD NAME: M*FUEL.MET

SIGNAL FILE: M:SIGNAL.BNC

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VIL_RESP04351

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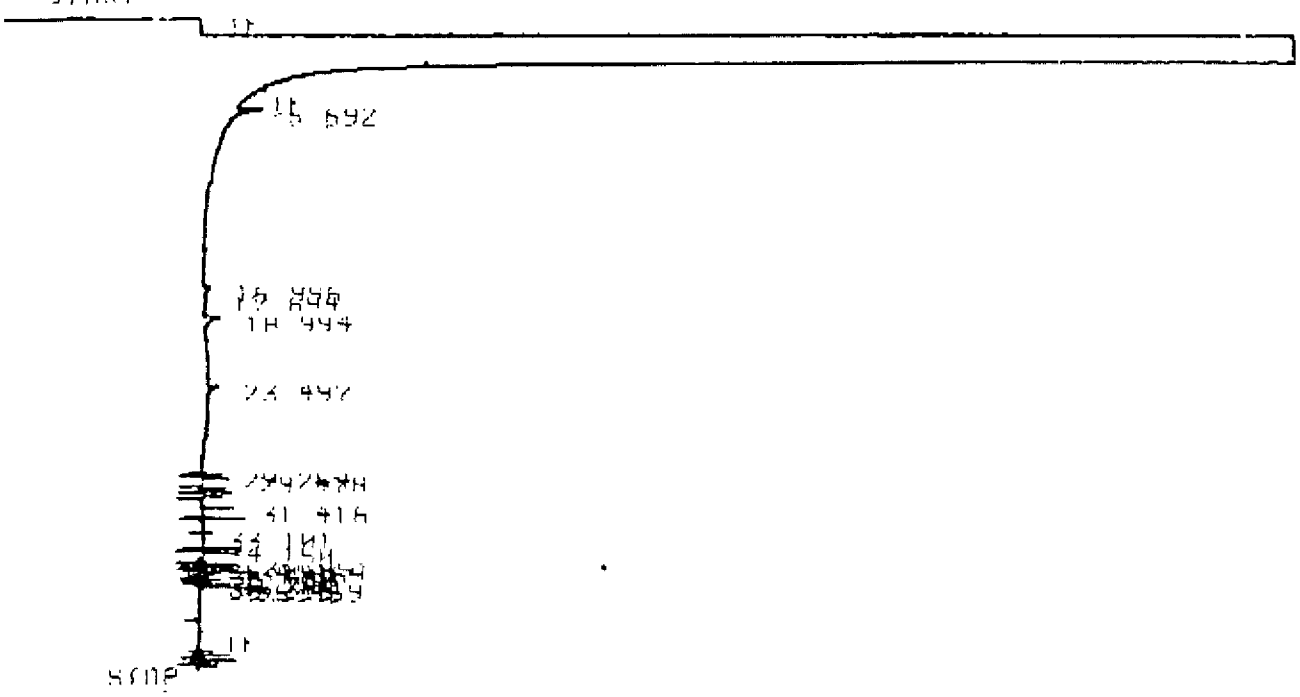

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RUN# 221 NOV 20, 1995 10:07:37

METHOD NAME: M*FUEL.MET

SIGNAL FILE: M:SIGNAL.BNC

2.SOL OF METHOD BLANK

VIL_RESP04352

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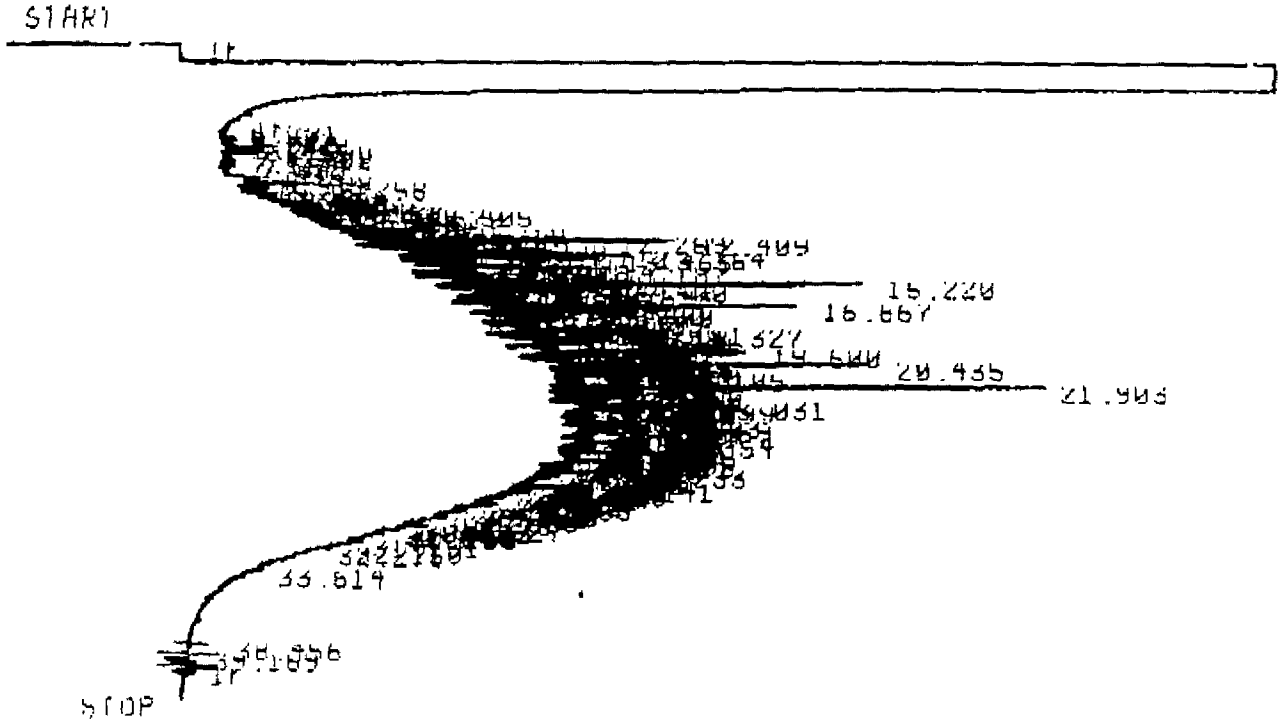

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RUN# 227 NOV 20, 1995 15:38:47

METHOD NAME: M*FUEL.MET

SIGNAL FILE: M:SIGNAL.BNC

1.00L OI 6457-001

VIL_RESP04353

Environmental Diagnostic Laboratories

nple — 00006457-006 Comment — SW COLE ENGINEERING #95-499.1E
formation - SWC #5

OLLECTED : 11/13/1995 16:10 BY : G. BUCKLIN RECEIVED : 11/14/1995 12:20

EST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST

* ANALYSTS

HW HENRY M. WHEAT

LF MICHELE L. FEROAH

AC MICHAEL A. CHILCOTE

) WHEN REPORTED IN THE RESULT COLUMN INDICATES THAT THE PARAMETER BEING ANALYZED WAS NOT DETECTED.

Method Detection Limits (MDL's) are calculated in accordance with 40 CFR Part 136, Appendix B.

KEY TO METHOD REFERENCES:

STDM- "Standard Methods for the Examinaton of Water & Wastewater" APHA 17th Edition

USEPA- "Methods of Chemical Analysis of Water & Wastes" USEPA, EMSL-Cincinnati (EPA600/4-79-020) 1983

SW-846- "Test Methods for Evaluating Solid Waste" USEPA Office of Solid Waste & Emergency Response 1986

HANK WHEAT

Laboratory Director

12/1/95
Date

VIL_RESP04354

EDxL

CHAIN OF CUSTODY

ENVIRONMENTAL DIAGNOSTIC LABORATORIES
P.O. Box 2890
231 Front Street
South Portland, Maine 04106
1 (800) 992-0150 • 1 (207) 767-2818 • FAX: (207) 767-6321

PAGE 1 OF 1

CLIENT S.W. COLE ENGINEERING, INC.
ADDRESS P.O. BOX 378
GRAY, ME 04039
TEL. # 207-657-2866
TRACKING # 95-499.1 E

CONTACT GARY BUCHLAN
JOB NAME/NUMBER 95-499.1 E
LOCATION SO. WINDHAM
COLLECTOR G. BUCHLAN
PO #

	FIELD IDENTIFICATION	DATE	TIME	SAMPLE MATRIX	CONTAINER VOL./TYPE					ANALYSIS REQUESTED
1	SWC #1	11-13-95	10:30	SOIL	1-40 ML	AMBER GLASS				TPH-FUEL OIL ME DEP 4.1.1/4.1.2
2	SWC #2	11-13-95	11:30	SOIL	1-4 OZ	PLASTIC				METALS: AS, CD, CR, CU, PB, NI, ZN, AG
3	SWC #3	11-13-95	11:45	SOIL	1-4 OZ	PLASTIC				" " " " "
4	SWC #4	11-13-95	12:15	SOIL	1-40 ML	AMBER GLASS				VOC 8240 (TABLE #1 SW-846)
5	SWC #5	11-13-95	13:30	SOIL	1-4 OZ	PLASTIC				METALS: AS, CD, CR, CU, PB, NI, ZN, AG.
6	SWC #6	11-13-95	16:10	SOIL	2-40 ML	AMBER GLASS				PCB 8080

RELINQUISHED BY:	DATE	TIME:	RECEIVED BY:	DATE:	TIME:
Gary Buchlan	11-14-95	10:30	Renée Colpa	11/14/95	10:30
Renée Colpa	11/14-95	12:00	[illegible]	[illegible]	12:00
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:

VIL_RESP04355

MAINE ENVIRONMENTAL LABORATORY
198 Main Street, Yarmouth, Maine 04096-1690

TEL. 207-846-6569
TEL. 207-846-4673
FAX 207-846-9066

G. Bucklin
S.W Cole Engineers, inc.
Po Box 378
Gray, ME 04039

January 05, 1995

Report No.: SWE007-95

Enclosed are the results of the analysis of your sample(s). Samples were received in acceptable condition and were analyzed within the holding times specified in the referenced methods. All quality control data including method blank samples, matrix spike samples, duplicate samples and laboratory control samples were within laboratory acceptance limits. If you have questions regarding this report, please do not hesitate to call.

Sample Identification	Laboratory ID	Comments
So. Windham	SWE00795-01	Matrix spike Report

REFERENCES

SW8 - SW/846, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, USEPA, Third Edition, 1986.

EPA - EPA600/4-79-020, Methods for Chemical Analysis of Water and Wastes USEPA, Cincinnati, Ohio, March, 1983.

STM - Standard Methods for the Examination of Water and Wastewater, 17th Edition, APHA,AWWA,WPCF, 1989.

Maine Environmental Laboratory is certified by the states of Maine, Massachusetts and New Hampshire. A List of actual certified tests is available upon request

Authorized signature

Herbert S. Kodis, Laboratory Director

MAINE ENVIRONMENTAL LABORATORY
198 Main Street, Yarmouth, Maine 04096-1690

TEL. 207-846-6569
TEL. 207-846-4673
FAX 207-846-9066

G. Bucklin
S.W. Cole Engineers, Inc.
Gray, ME

Sample ID : S-1
Project No. : So. Windham
Sampled by : G. Bucklin
Date Sampled : 12/21/95
Date Received: 12/21/95

Lab ID : SWE00795-01

Report : 01/05/96
Matrix : Soil

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

Parameter	TCLP Results mg/L	Date Analyzed	Detection Limit mg/L	Regulatory Limit mg/L	Spike Recovery
Arsenic	<0.04	12/26/95	0.04	5.0	91.0 %
Barium	<0.5	12/27/95	0.5	100.0	91.0 %
Cadmium	<0.01	12/27/95	0.01	1.0	93.0 %
Chromium	<0.2	12/27/95	0.2	5.0	90.0 %
Lead	<0.1	12/27/95	0.1	5.0	86.0 %
Mercury	<0.002	12/26/95	0.002	0.2	95.0 %
Selenium	<0.04	12/26/95	0.04	1.0	86.0 %
Silver	<0.1	12/27/95	0.1	5.0	** %

Extraction Data

Initial pH: 10.15 pH units
Final pH: 6.58 pH units
Extraction: 18 hours
Extraction: Fluid #1
Extraction: 12/21/95

Extraction Fluid #1 is 0.57% acetic acid adjusted to pH 4.93 (+/- 0.05 pH units) with 1.0N NaOH.

METHODOLOGY REFERENCES

Arsenic	1311 Federal Register/7060 SW-846
Barium	1311 Federal Register/7090 SW-846
Cadmium	1311 Federal Register/7130 SW-846
Chromium	1311 Federal Register/7197 SW-846
Lead	1311 Federal Register/7420 SW-846
Mercury	1311 Federal Register/7470 SW-846
Selenium	1311 Federal Register/7740 SW-846
Silver	1311 Federal Register/7760A SW-846

* Matrix spike recovery is below acceptable limits, analysis is by the method of standard additions.

MAINE ENVIRONMENTAL LABORATORY
198 Main Street, Yarmouth, Maine 04096-1690

TEL. 207-846-6569
TEL. 207-846-4673
FAX 207-846-9066

S.W. Cole Engineers
Gray, ME
G. Bucklin

Sampling Technician: G. Bucklin
Sampling Date : 12/21/95
Sample Matrix : Soil
Date Received : 12/21/95

Sample : S-1
Report : 01/05/96
Project: So. Windham
Lab ID : SWE00795-01

Parameter	Data	Units	MDL	Analyzed	Methodology	
Corrosivity	8.75	s.u.	0.01	12/22/95	9045C	SW8
Ignitability	>160	Degrees F		01/04/96	1010	SW8

MAINE ENVIRONMENTAL LABORATORY

198 Main Street • Yarmouth, Maine 04096-1690 • (207) 846-6569 • (207) 846-9066

Chain of Custody

PROJECT MANAGER	TELEPHONE	FAX #
GARY W. BUCHLIN	657-2866	657-2840

COMPANY: S.W. COLE ENGINEERING, INC

PURCHASE ORDER #:

ADDRESS: P.O. BOX 378 GRAY, ME. 04039

PROJECT NAME: SO. WINDHAM

SAMPLER NAME: GARY W. BUCHLIN

ANALYTICAL PARAMETERS

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE MATRIX	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	CRS WASTE OIL PARAMETERS NO PCB
S-1	3	AMBER GLASS		✓	SOIL		✓	COOL	12-21-95	10:35	✓

RECEIVED BY:	TIME	DATE
	13:29	12-21-95

RECEIVED BY:	TIME	DATE

RECEIVED BY LABORATORY:	TIME	DATE
[illegible]	1329	12-21-95

RELINQUISHED BY SAMPLER:	RELINQUISHED BY:	RELINQUISHED BY:
Gary W. Buchlin		

TURNAROUND REQUEST

- [x] Standard
- [ ] Priority (SURCHARGE)

Received within hold time ☑ yes ☐ no

Received in good condition ☑ yes ☐ no

Temp. Blank °C _____ / ~~Frozen ice packs~~

Samples received preserved ☐ yes ☑ no

REMARKS: Quoted $840.00

Quote # _____

VIL_RESP04359

analytics environmental laboratory inc.

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096

December 29, 1995

Re: SWE 007-95

Enclosed are the results of the analyses on your sample(s). Please see individual reports for specific methodologies and references. Samples were received in acceptable condition, with the exceptions noted on the chain of custody.

If you have any further question on the analytical methods or these results, do not hesitate to call.

Lab Number	Sample Date	Station Location	Analysis	Comments
35881-1	12/21/95	S-1	EPA 8270 (TCLP)	

Analytics Environmental Laboratory is certified by the states of New Hampshire, Maine, and Massachusetts. A list of actual certified tests is available upon request.

Authorized signature

VIL_RESP04360

analytics environmental laboratory inc

195 Commerce Way
Portsmouth, New Hampshire 03801
603-436-5111 Fax 603-430-2151
800-929-9906

December 29, 1995

Mr. Herb Kodis
Maine Environmental Laboratory, Inc.
PO Box 1107
Yarmouth, ME 04096

CLIENT SAMPLE ID

Client Project: SWE 007-95
Project Number:
Station ID: S-1

SAMPLE DATA

Lab #:	35881-1
Matrix:	Soil
Dilution Factor:	5.0
Collection Date:	12/21/95
Lab Receipt Date:	12/22/95
TCLP Extraction Date:	12/21/95
Preparative Extraction Date:	12/27/95
Analysis Date:	12/28/95

ANALYTICAL RESULTS

TCLP
SEMI-VOLATILE ORGANIC COMPOUNDS:

COMPOUND	Detection Limit: µg/L	Result: µg/L	Regulatory Limit: µg/L	Matrix Spike Percent Recovery:
o-Cresol	25	ND	200,000	28
m,p-Cresol	25	ND	200,000	23
1,4-Dichlorobenzene	10	ND	7,500	45
2,4-Dinitrotoluene	10	ND	130	74
Hexachlorobenzene	10	ND	130	76
Hexachlorobutadiene	10	ND	500	46
Hexachloroethane	10	ND	3,000	43
Nitrobenzene	10	ND	2,000	59
Pentachlorophenol	50	ND	100,000	101
Pyridine	10	ND	5,000	35
2,4,5-Trichlorophenol	25	ND	400,000	57
2,4,6-Trichlorophenol	25	ND	2,000	49

Surrogate Standard Recovery

Base Neutral Surrogates		Acid Surrogates	
d5-Nitrobenzene	92 %	2,4,6-Tribromophenol	57 %
2-Fluorobiphenyl	97 %	2-Fluorophenol	<10* %
d14-p-Terphenyl	87 %	d5-Phenol	<10* %

ND=None Detected B=Compound Present in Blank J=Estimated Concentration E=Exceeds Calibration Range

METHODOLOGY: TCLP sample extraction was performed according to "Test Methods for Evaluating Solid Waste, SW-846 Method 1311." TCLP extract analysis was conducted according to "Test Methods for Evaluating Solid Waste, SW-846 Method 8270."

COMMENTS: *Surrogate recoveries affected by sample matrix.

Authorized signature

VIL_RESP04361

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006 RI A65

CERTIFICATE OF ANALYSIS

Client: Maine Environmental Labs

Address: P.O. Box 1107

Yarmouth, ME 04096

Attn: Tammy MacLeod

Project Number: SWE007-95

Site:

Laboratory Job Number: L9509769

Invoice Number: 80163

Date Received: 22-DEC-95

Date Reported: 05-JAN-96

Delivery Method: Alpha

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L9509769-01	S-1	

Authorized by:

Scott McLean - Laboratory Director

VIL_RESP04362

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006 RI A65

Laboratory Sample Number: L9509769-01
S-1
Sample Matrix: SOIL

Date Collected: 21-DEC-95
Date Received : 22-DEC-95
Date Reported : 05-JAN-96

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1 Amber Glass

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATES PREP	DATES ANALYSIS	ID
Solids, Total	78.	%	0.10	3	2540B		05-Jan	ST
Extractable Organic Halides	ND	mg/kg	130	32	App. D		02-Jan	SF
Cyanide, Reactive	ND	mg/kg	0.25	1	7.3		05-Jan	ST
Sulfide, Reactive	ND	mg/kg	0.20	1	7.3		05-Jan	ST

omments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L9509769

Parameter	Value 1	Value 2	RPD	Units
Extractable Organic Halides	DUPLICATE for sample(s) 01			
	ND	ND	NC	mg/kg
Cyanide, Reactive	DUPLICATE for sample(s) 01			
	ND	ND	NC	mg/kg
Sulfide, Reactive	DUPLICATE for sample(s) 01			
	ND	ND	NC	mg/kg

VIL_RESP04364

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. 1986.

3. Standard Methods for Examination of Water and Waste Water. APHA-AWWA-WPCF. 17th Edition. 1989.

32. Development and Evaluation of Methods for Total Organic Halide and Purgeable Organic Halide in Wastewater. EPA-600/4-84-008, 1984.

GLOSSARY OF TERMS AND SYMBOLS

EF Reference number in which test method may be found.

ETHOD Method number by which analysis was performed.

D Initials of the analyst.

VIL_RESP04365

MAINE ENVIRONMENTAL LABORATORY

198 Main Street • Yarmouth, Maine 04096-1690 • (207) 846-6569 • FAX (207) 846-9066

Chain of Custody

PROJECT MANAGER: G. Bucklin

TELEPHONE:

FAX #:

COMPANY:

PURCHASE ORDER #:

ADDRESS:

PROJECT NAME: WE007-95

SAMPLER NAME: G. Bucklin

SAMPLE IDENTIFICATION	# CONTAINERS	TYPE OF CONTAINERS	FIELD FILTRATION YES	FIELD FILTRATION NO	SAMPLE MATRIX	GRAB	COMP.	METHOD PRESERVED	SAMPLING DATE	SAMPLING TIME	EOX	Reactivity sulfide	Reactivity Cyanide					
S-1	1	G		✓	soil		✓	Cool	12/21	10:35	X	X	X					

TURNAROUND REQUEST

- [x] Standard
- [ ] Priority (SURCHARGE)

Received within hold time ☐ yes ☐ no

Received in good condition ☐ yes ☐ no

Temp. Blank °C _____ / Frozen ice packs.

Samples received preserved ☐ yes ☐ no

REMARKS: Please fax results.

Quote # _____

VIL_RESP04366

	DATE	TIME	RECEIVED BY:
RELINQUISHED BY SAMPLER:	12-22-95	1:30	RECEIVED BY: Denise L Crouse
RELINQUISHED BY:	12/22/95	1645	RECEIVED BY LABORATORY:

ENVIRONMENTAL DIAGNOSTIC LABORATORIES

FINAL REPORT

DATE:	04/30/1996
CUSTOMER:	SW COLE ENGINEERING #95-499.2
SAMPLE DESCRIPTION:	SOUTH WINDHAM, ME
PROJECT MANAGER:	GARY BUCKLIN
DATE RECEIVED:	04/29/1996
LAB SAMPLE NUMBER:	00006850

231 Front Street South Portland, ME 04106 207-767-2818 800-992-0150 FAX 767-6321

Sample —— 00006850-001 Comment ——SW COLE ENGINEERING #95-499.2
Information - SWC-1

COLLECTED : 04/29/1996 10:45 BY : G BUCKLIN RECEIVED : 04/29/1996 11:30

TEST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST
Diesel Range Organics	12	mg/Kg DW	5	MEDEP 4.1.25	04/30/1996 HMW

This analysis conducted by GC/FID.
Sample showed presence of hydrocarbon material of unknown identity. Chromatographic "fingerprint" is indicative of heavy molecular weight hydrocarbons. The "fingerprint" is atypical and does not resemble #2 Fuel Oil.

ample Extraction Date	04/30/1996				DWS
-Terphenyl Surrogate Recovery		%			04/30/1996 HMW

Coeluting peak(s) interfered with surrogate recovery.

VIL_RESP04368

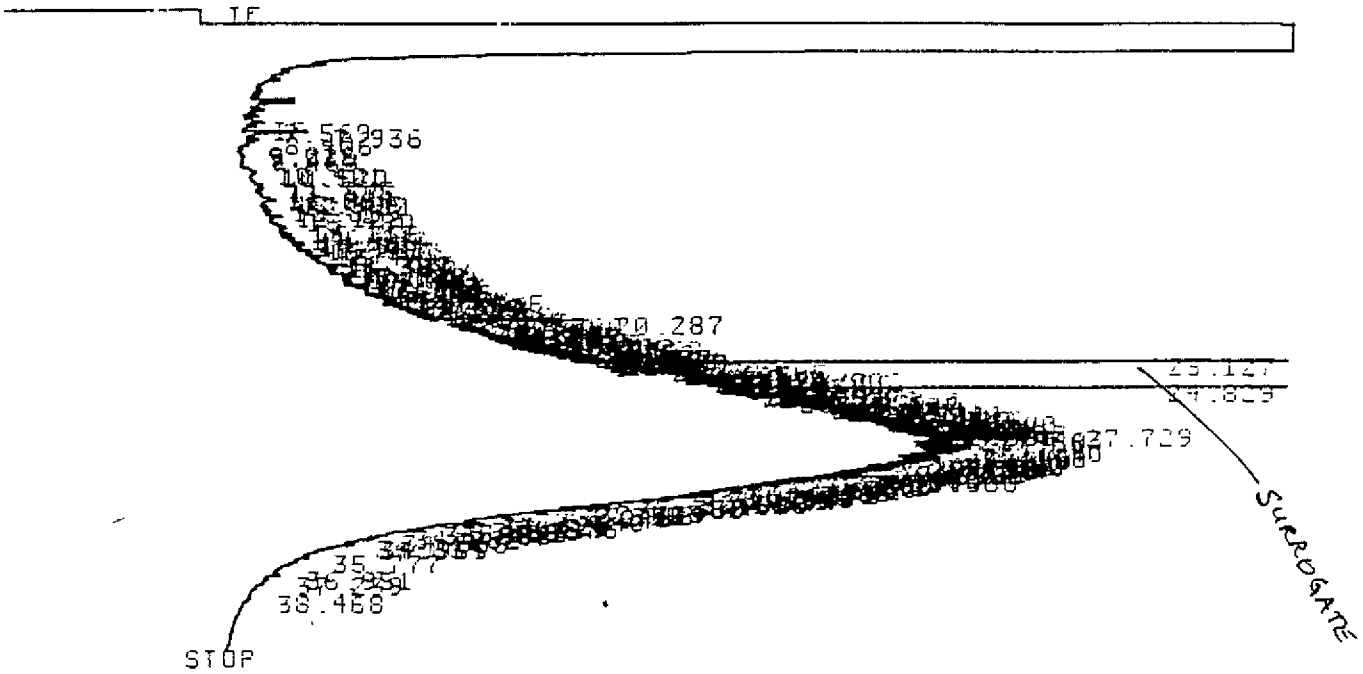
mple —— 00006850-002 Comment ——SW COLE ENGINEERING #95-499.2
formation - SWC-2

OLLECTED : 04/29/1996 10:50 BY : G BUCKLIN RECEIVED : 04/29/1996 11:30

EST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST
esel Range Organics	ND	mg/Kg DW	5	MEDEP 4.1.25	04/30/1996 HMW
	This analysis conducted by GC/FID.				
mple Extraction Date	04/30/1996				DWS
Terphenyl Surrogate Recovery	89	%			04/30/1996 HMW

* RUN # 514 APR 30, 1996 14:20:52

START



Closing signal file M:SIGNAL .BNC

RUN# 514 APR 30, 1996 14:20:52

METHOD NAME: M*FUEL.MET

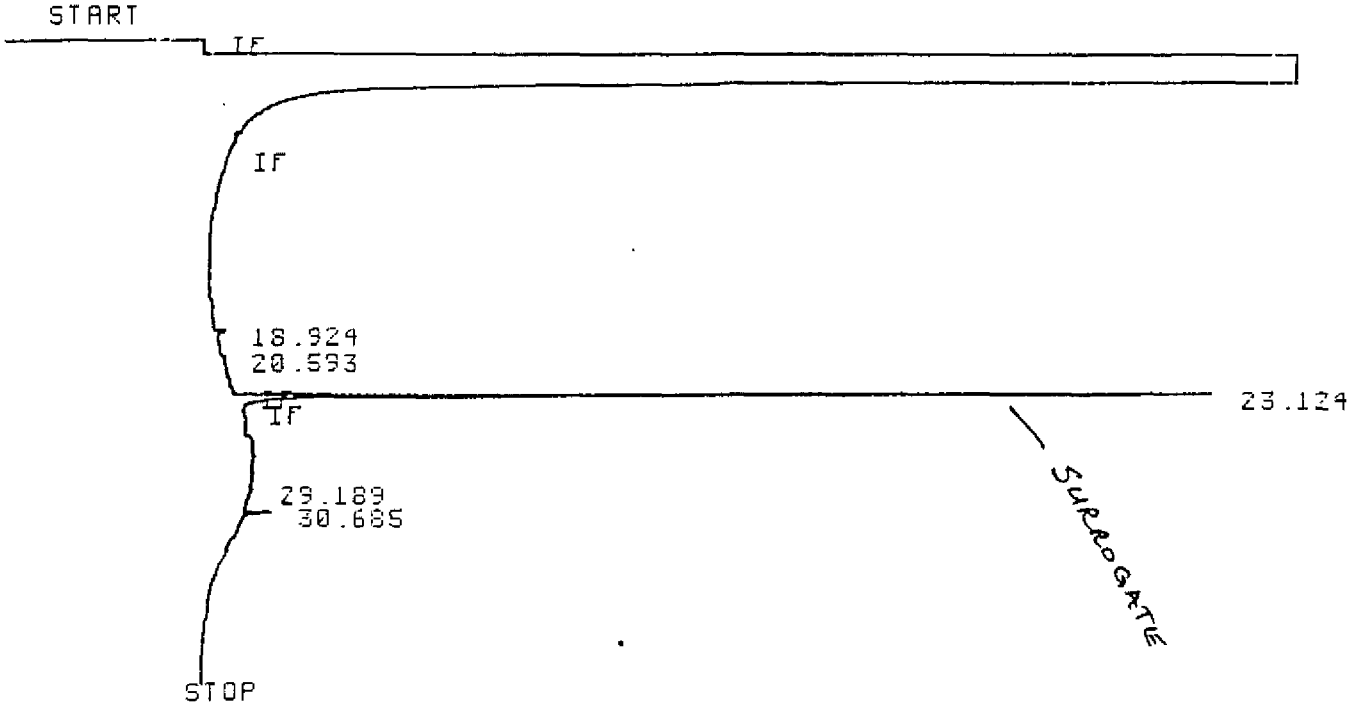
SIGNAL FILE: M:SIGNAL.BNC

2.5UL DI 6850-001 WITH SURR

AREA%

VIL_RESP04370

* RUN # 513 APR 30, 1996 13:31:36



Closing signal file M:SIGNAL .BNC

RUN# 513 APR 30, 1996 13:31:36

METHOD NAME: M*FUEL.MET

SIGNAL FILE: M:SIGNAL.BNC

2.SUL DI 6850-002 WITH SURR

AREA%

ST AREA TYPE WIDTH AREA%

VIL_RESP04371

Sample —— 00006850-002 Comment ——SW COLE ENGINEERING #95-499.2
Information - SWC-2

COLLECTED : 04/29/1996 10:50 BY : G BUCKLIN RECEIVED : 04/29/1996 11:30

TEST DESCRIPTION	RESULT	UNIT	DETECTION	METHOD#	TESTED/ANALYST

*** ANALYSTS

MLF MICHELE L. FEROAH

SJR STEVEN J. RUSSO

DWS DAVID W. SANKEY

HMW HENRY M. WHEAT

ND WHEN REPORTED IN THE RESULT COLUMN INDICATES THAT THE PARAMETER BEING ANALYZED WAS NOT DETECTED.

Method Detection Limits (MDL's) are calculated in accordance with 40 CFR Part 136, Appendix B.

KEY TO METHOD REFERENCES:

STDM- "Standard Methods for the Examinaton of Water & Wastewater" APHA 18th Edition

USEPA- "Methods of Chemical Analysis of Water & Wastes" USEPA, EMSL-Cincinnati (EPA600/4-79-020) 1983

SW-846- "Test Methods for Evaluating Solid Waste" USEPA Office of Solid Waste & Emergency Response 1986

HANK WHEAT

Laboratory Director

4/30/96
Date

EDxL

CHAIN OF CUSTODY

PAGE 1 OF 1

ENVIRONMENTAL DIAGNOSTIC LABORATORIES
P.O. Box 2890
231 Front Street
South Portland, Maine 04106
1 (800) 992-0150 • 1 (207) 767-2818 • FAX: (207) 767-6321

CLIENT [illegible]

ADDRESS [illegible]

TEL. # [illegible]

TRACKING # [illegible]

CONTACT [illegible]

JOB NAME/NUMBER [illegible]

LOCATION [illegible]

COLLECTOR [illegible]

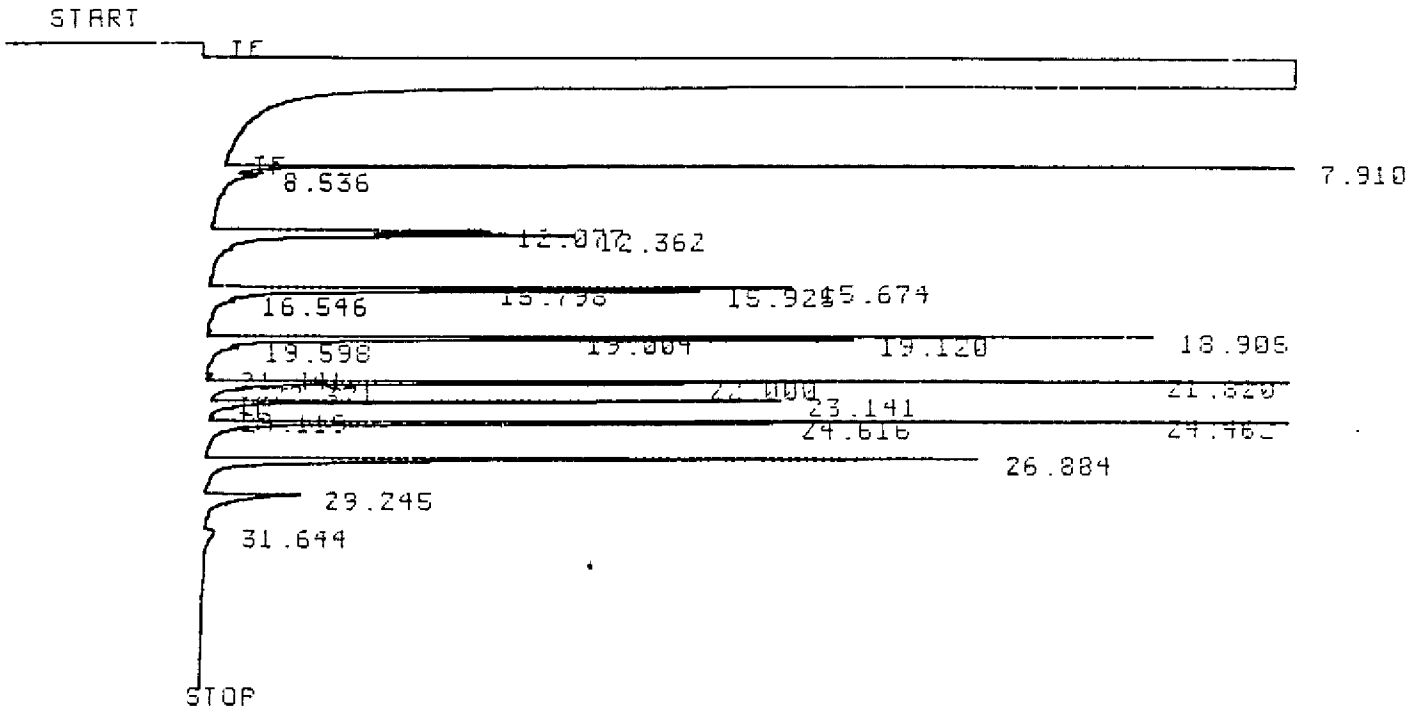
PO # [illegible]

FIELD IDENTIFICATION	DATE	TIME	SAMPLE MATRIX	CONTAINER VOL./TYPE					ANALYSIS REQUESTED
Site - 1	4-29-96	10:45	[illegible]	40 ml Amber	[illegible]	[illegible]			TPH GRO [illegible]
Site - 2	"	[illegible]	[illegible]	40 ml Amber	[illegible]	[illegible]			" " " "
									SMT

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
[illegible]	4-29-96	11:30	[illegible]	4/29/96	11:30
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:

VIL_RESP04373

* RUN # 509 APR 30, 1996 10:12:49



Closing signal file M:SIGNAL .BNC

RUN# 509 APR 30, 1996 10:12:49

METHOD NAME: M*FUEL.MET

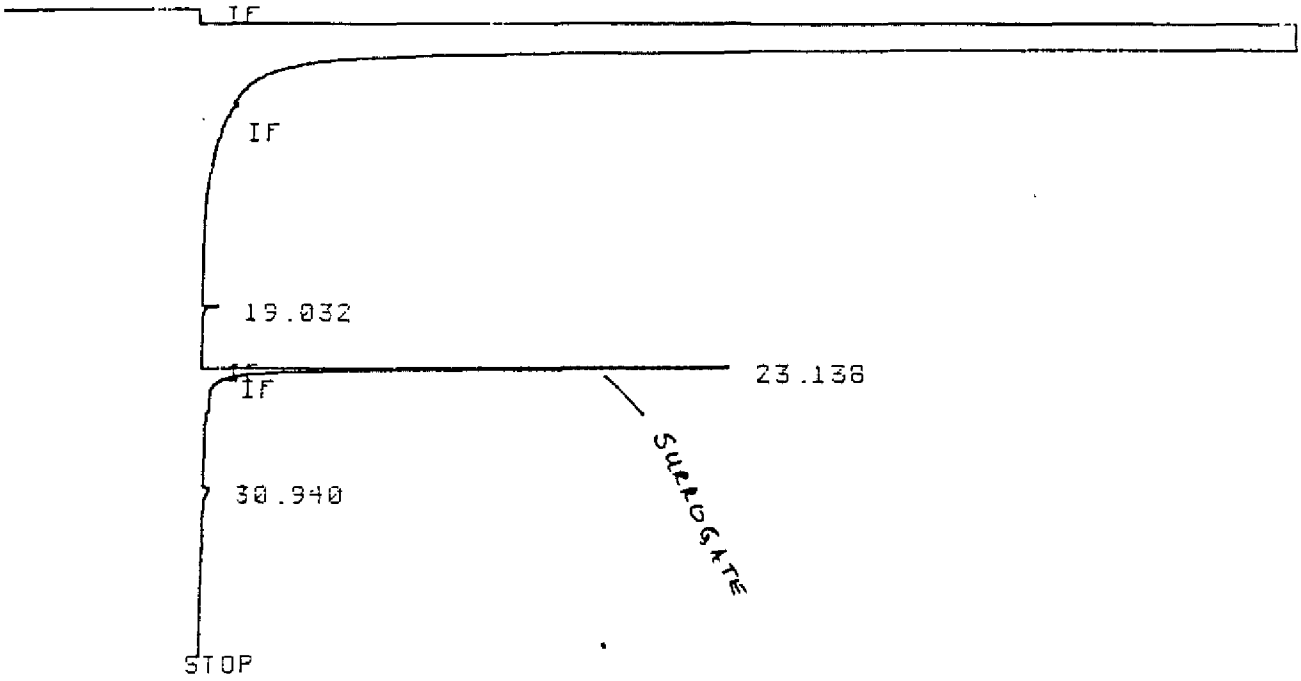
SIGNAL FILE: M:SIGNAL.BNC

2.SUL OI 10 PPM ORO STANDARD WITH SURR

VIL_RESP04374

* RUN # 511 APR 30, 1996 11:52:51

START



Closing signal file M:SIGNAL .BNC

RUN# 511 APR 30, 1996 11:52:51

METHOD NAME: M*FUEL.MET

SIGNAL FILE: M:SIGNAL.BNC

2.SUL OI METHOD BLANK WITHSURR

AREA%

RT	AREA	TYPE	WIDTH	AREA%
15.250	5082	--	160	4.10219

VIL_RESP04375

Environmental Diagnostic Labs
231 Front Street South Portland ME 04106
207-767-2818

INVOICE

DATE : 04/30/1996 NUMBER: 96040213

ACCOUNT : S230

Attn : Accounts Payable
S.W. Cole Engineers
6 Liberty Drive
Bangor ME 04401

PURCHASE ORDER :
CLIENT : SW COLE ENGINEERING #95-499.2
PROJECT :

Page 1

DATE	SAMPLE #	TEST DESCRIPTION	FEE
04/29/1996	00006850-001	DRO DEP 4.1.25	140.25
04/29/1996	00006850-002	DRO DEP 4.1.25	140.25
04/30/1996	00006850-002	PRIORITY SURCHARGE	280.50

Percent Discount : 15 ********** TOTAL: 561.00

VIL_RESP04376

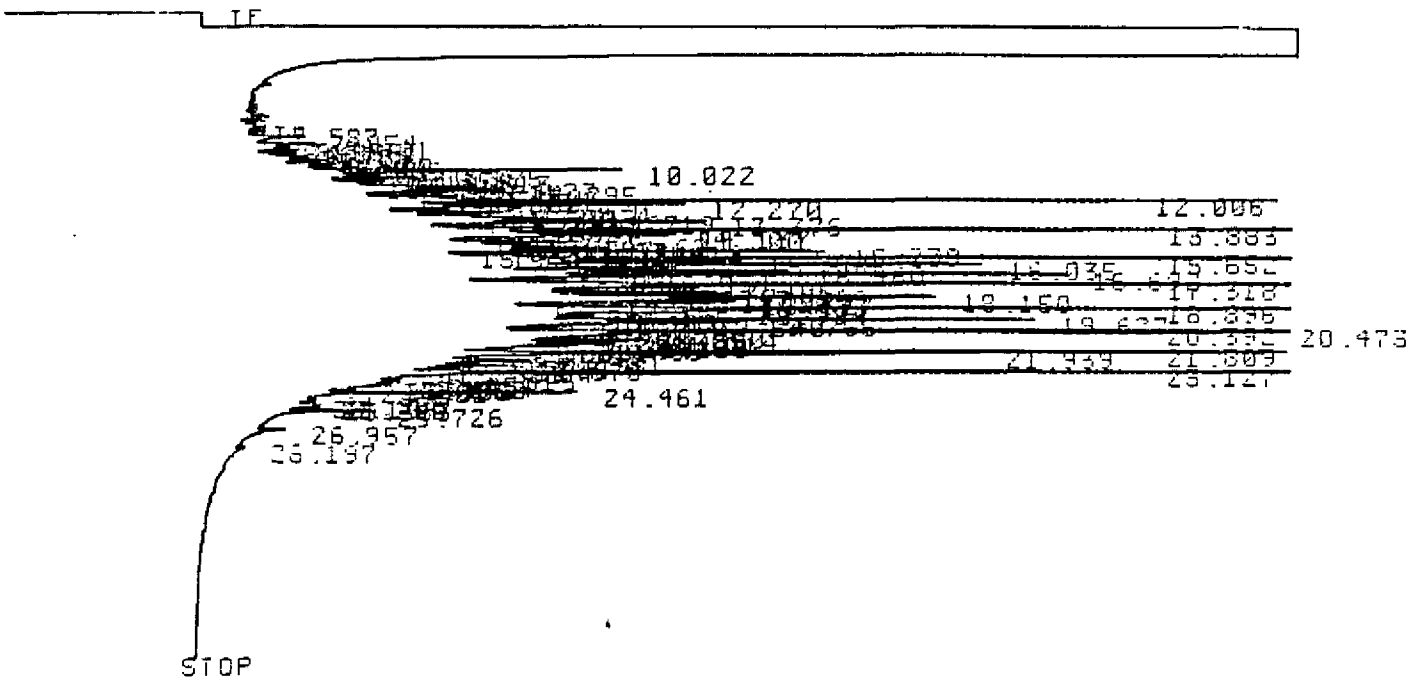
ERA-QC LOT # 40006

RESULT = 629 mg/Kg

CERTIFIED VALUE = SEE ATTACHED

* RUN # 512 APR 30, 1996 12:42:12

START



Closing signal file M:SIGNAL .BNC

RUN# 512 APR 30, 1996 12:42:12

METHOD NAME: M*FUEL.MET

SIGNAL FILE: M:SIGNAL.BNC

2.SUL DI ERAQC 40006 1:20 WITH SURR

VIL_RESP04377

AREA%

RT	AREA TYPE	WIDTH	AREA%

ENVIRONMENTAL
RESOURCE ASSOCIATES
ARVADA, COLORADO 1-800-372-0122

Certification

Hydrocarbon Fuels in Soil — Quality Control Standards

Catalog Nº 365 — Lot Nº 40006

Parameter	Certified Value	Performance Acceptance Limits™
	mg/Kg	mg/Kg
Unleaded Gasoline (Catalog No. 763)	1600	621 - 2320
	mg/Kg	mg/Kg
No. 2 Diesel (Catalog No. 766)	1210	615 - 1550
BTEX In Soil (Catalog No. 761)	µg/Kg	µg/Kg
Benzene	174	106 - 233
Ethylbenzene	92.0	66.8 - 118
Toluene	38.2	27.5 - 49.7
o-Xylene	101	73.9 - 130
m-Xylene	133	97.4 - 172
p-Xylene	188	138 - 243

Hydrocarbon Fuels in Soil Lot No. 40006

The ***Certified Values*** are equal to 100% of the parameters in the indicated standard.

The ***Performance Acceptance Limits (PALs™)*** are listed as guidelines for acceptable analytical results given the limitations of the USEPA methodologies commonly used to determine these parameters and closely approximate the 95% confidence interval. The PALs™ are based on data generated by your peer laboratories in ERA's InterLaB™ program using the same samples you are analyzing and data from USEPA methods, WP, WS and CLP interlaboratory studies. If your result falls outside of the PALs™, ERA recommends that you investigate potential sources of error in your preparation and/or analytical procedures. For further technical assistance, call ERA at 1-800-372-0122.

LEGEND

☒ APPROXIMATE TEST PIT LOCATION

(2) APPROXIMATE SITE FEATURE LOCATION

S. W. COLE ENGINEERING, INC.
GEOTECHNICAL CONSULTANT

GEORGE WOOD

SITE AND EXPLORATION LOCATION PLAN

PHASE I AND II ENVIRONMENTAL SITE ASSESSMENT
FORMER STEEL MILL PROPERTY
SOUTH WINDHAM, MAINE

Job No.	95-499795-499.1 E	Scale	1" = 40'
Date	1/11/96	Sheet	B-2

REVISED 4/30/96

VIL_RESP04379

JWC Report
7 Depot Street

Report on
Supplemental Site Investigation
7 Depot Street
Windham, Maine

Prepared for

Renee J. Lewis
50 Monument Square, 2nd Floor
Portland, Maine 04101

Prepared by

Jacques Whitford Company, Inc.
75 Pearl Street, Suite 410
Portland, Maine 04101
Tel: (207)761-7790
Fax: (207)761-7631
www.jacqueswhitford.com

March 9, 2004

VIL_RESP04381

Jacques Whitford Company, Inc.

Consulting Engineers
Environmental Scientists
Risk Consultants

75 Pearl Street, Suite 410, Portland, Maine, U.S.A. 04101
Tel 207 761 7790 Fax 207 761 7631

World Wide Web: www.jacqueswhitford.com
E-mail: info@jacqueswhitford.com

Maine • New Hampshire • Massachusetts • Connecticut • Florida • Rhode Island • Pennsylvania • New York • Trinidad • Russia • Argentina • Brunei
Nova Scotia • New Brunswick • Prince Edward Island • Newfoundland & Labrador • Quebec • Ontario • Saskatchewan • Alberta • British Columbia • Northwest Territories

March 9, 2004

Ms. Renee J. Lewis
50 Monument Square, 2nd Floor
Portland, Maine 04101

RE: Report on Supplemental Site Investigation
7 Depot Street, Windham, Maine
Jacques Whitford Project No. mep03102

Dear Ms. Lewis:

Jacques Whitford Company, Inc. (Jacques Whitford) is pleased to provide this report on a supplemental environmental investigation associated with the 7 Depot Street facility in Windham, Maine. Our work was conducted in accordance with our proposal to you dated July 14, 2003.

The primary objective of the additional work was to investigate sources of potential contamination identified in previous reports regarding the subject property, and during the site walk by Jacques Whitford on June 27, 2003.

If you have in questions or require additional information, please contact the undersigned at (207) 761-7790. Thank you for the opportunity to assist with this investigation.

Sincerely,
Jacques Whitford Company, Inc.

D. Todd Coffin, C.G.
Project Manager

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1.0 INTRODUCTION

The primary objective of the additional work was to investigate sources of potential contamination identified in previous reports regarding the subject property, and during the site walk by Jacques Whitford on June 27, 2003. Reference documents used to develop the supplemental investigation scope include:

1. Environmental Site Assessment, Phase I & II, Former Steel Mill Property, Route 202 and Depot Street ,Windham, Maine, by S.W. Cole Engineering, Inc., November 17, 1997.

2. Phase I Environmental Site Assessment, Keddy Manufacturing Company, South Windham, Maine, by Acadia Environmental Technology, March 2, 1994.

3. Phase I Limited Environmental Assessment, Lot 7 of Map 38, Windham Township, South Windham, Cumberland County, Maine, by Consla Geotechnical Engineering, March 18, 1993.

The subject site is proposed for future multi-unit residential development. The present site owner and development partners propose to seek a Maine Department of Environmental Protection (DEP) "No Action Assurance Letter" through the Voluntary Response Action Program (VRAP). This report, and prior site investigation reports, will provide the basis for DEP's initial review following formal application to the VRAP.

1.1 Site Description

The site consists of a former steel mill located on 7 Depot Road in South Windham, Maine (refer to Figure 1). The approximately 8-acre parcel is bordered by Depot Street to the North, Maine Central Railroad tracks to the east, the Presumpscott River to the South and Route 202 to the West. The site was reportedly first developed for industrial use in the 1700s, and over the years uses included a saw mill, grist mill, manufactured wood board mill and the steel mill whose remnants presently occupy the site.[1]

The former Depot Energy Company (bulk oil and coal storage) is located adjacent to and northeast of the site; this property was later used as an automobile repair facility. An automobile repair facility and building supply company occupied properties north of the site[1], and a hydroelectric power generating facility and dam are located south of the site. Residences are located along Depot Road and Mechanic Street just north of the site, and along High and Van Tassel Streets east-southeast of the site.

The site is presently occupied by a former mill building constructed primarily of concrete and brick. The majority of the building consists of two levels, including a basement that is partially below grade. According to S.W. Cole, the building included a boiler house, forge shop, press building, melt building and offices[1]. The forge shop and boiler house have been razed.

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[1] Environmental Site Assessment, Phase I & II, Former Steel Mill Property, Route 202 and DepotStreet ,Windham, Maine, by S.W. Cole Engineering, Inc., November 17, 1997.

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Public water and sewer is available to the site area. Portland Water District records for South Windham indicate that a number of residences generally east of the site have water wells. The closest wells to the site include the Boulanger, Georgatos and Reed residences, located about 500 to 1,000 feet to the northeast. Site topography indicates these residences are located at an elevation 20 to 40 feet higher than the site.

1.2 Previous Environmental Investigations

Previous environmental reports have identified areas of known and potential environmental concerns on-site (refer to report references above). These areas include:

- Potential asbestos-containing mill construction materials
- Oil spillage near two former above ground oil tanks (tanks since removed)
- Peeling paint that may contain lead
- Potential PCB-containing electrical equipment
- Miscellaneous oil storage containers, tanks, and associated piping
- Potential leakage of wastewater from two 1,000 gallon underground concrete tanks
- A floor drain on the ground floor of the former mill building with unknown discharge point.

Subsurface investigations by S. W. Cole in 1995 and 1996 addressed a number of these areas of concern. S. W. Cole completed twenty-four test pits targeting former storage tanks and other areas of potential concern. Soil samples were screened for volatile organic compounds with a photoionization detector (PID) and six soil samples were tested in a laboratory either for fuel oil, pesticides, PCBs, and heavy metals.

S. W. Cole identified heavy oil-impacted soil at the northern end of the site near Depot Street. The impacted soil was located in the vicinity of a two former above-ground heavy oil storage tanks (now removed). S. W. Cole removed approximately 11 tons of soil impacted by the heavy oil. The DEP assigned a "Baseline-2" clean-up goal for the site. This goal includes removal of soils with fuel oil concentrations of 200 to 400 parts per million (ppm) based on field screening instrumentation. The Baseline-2 goal is generally applicable to sites in downtown urban areas or commercial strips where groundwater is not likely to be used in the future.

S. W. Cole's 1997 report indicates that the DEP Baseline 2 goal was met following impacted soils removal. S. W. Cole further reported that "field headspace testing of soils samples from test pits adjacent to known and reported locations of the eleven storage tanks indicated non-detectable levels of ionizable organic compounds.[1]" S. W. Cole reported that six of the eleven fuel storage tanks remained at the site at the time of their investigation. The six tanks, formerly located in the boiler house, have since been removed.

Laboratory testing of soils by S. W. Cole detected no volatile organic compounds, and copper was the only heavy metal detected at concentrations higher than naturally-occurring soils. Laboratory testing of oil-impacted soil removed from the site identified no semi-volatile organic compounds using the toxicity characteristic leaching procedure (TCLP).

2.0 SUPPLEMENTAL SITE INVESTIGATIONS

Based on the previous site investigations, Jacques Whitford identified a number of areas that warranted additional investigation. These areas included (refer to Figure 2):

- Two former above ground fuel storage tanks (15,000 and 10,000 gallon capacity) near the railroad tracks on the east side of the site where oil-stained soils were observed during a previous site investigation;
- Two 1,000 gallon underground wastewater tanks adjacent to the north wall of the facility;
- Former 3,000 gallon above-ground fuel tank located at the end of a rail spur on the east side of the site;
- Transformer pad/electrical substation on the south side of the site;
- Former drum storage area at the south end of the former mill building;
- Former garage at the south end of the site; and
- Two floor drains on the ground floor of the main mill building.

2.1 Test Pits

On August 4, 2003, twelve test pits (TP-1 to TP-12) were advanced to evaluate areas of potential concern identified during previous site investigations and during a site walk by Jacques Whitford on June 27, 2003. Mr. Peter Lowell of EnviRon Services, Inc. dug the testpits with a Volvo track-mounted excavator. Excavation locations are depicted on Figure 2.

Sample ID	Location/Rationale
TP101	Adjacent to former wastewater holding tanks
TP102	In area of stressed/sparse vegetation during site walk on June 27, 2003
TP103	In area of stressed/sparse vegetation during site walk on June 27, 2003
TP104	Former No. 6 oil spill clean up area
TP105	Former No. 6 oil spill clean-up area
TP106	Former 250K gallon above ground fuel oil tank
TP107	Downslope from former Depot Energy Company
TP108	Downslope from former Depot Energy Company
TP109	Adjacent to former 15K gallon above ground fuel oil tank
TP110	Adjacent to former 10K gallon above ground fuel oil tank
TP111	Former outside drum storage area
TP112	River side of former garage

Jacques Whitford observed the test pitting, screened the soil with a photoionization detector (PID), collected soil samples for laboratory analysis, and recorded observations pertaining to the physical characteristics of the soil on test pit logs (refer to Appendix A for test pit logs).

From each 2-foot interval in the testpits, Jacques Whitford collected approximately 250 grams of soil in a 1-quart Ziplock® brand plastic bag for volatile organic compound (VOC) screening. Jacques Whitford screened the soil with a Thermo 580B photoionization detector (PID). Prior to screening, Jacques Whitford calibrated the PID to 100 parts per million (ppm) with 100-ppm isobutylene gas. Screening results are recorded on the test pit logs.

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2.2 Hand Augers

On August 5, 2003, Jacques Whitford advanced borings at six locations with a hand auger (HA-1 to HA-6). These borings were advanced to auger refusal on cobbles which varied from 0.5 to 1.5 feet below ground surface. Jacques Whitford decontaminated the 3-inch bucket auger between locations with a Liquinox and distilled water wash followed with a distilled water rinse.

Jacques Whitford evaluated the former 3,000 gallon above-ground storage tank area proposed for exploration by hand auger. We found that the tank rested on a concrete pad and we observed no stains or other evidence of petroleum spills. No further exploration was performed.

Sample ID	Location/Rationale
HA-1	Adjacent to outside transformer pad
HA-2	Adjacent to outside transformer pad
HA-3	Along exterior building wall, adjacent to interior floor drain in building basement
HA-4	Apparent oil-stained surface soils (2 ft x 5 ft)
HA-5	From floor drain on basement level of building
HA-6	In area of apparent oil-stained surface soils (3 ft x 6 ft)

2.3 Surface Soil Sampling

Based on test data collected for the site during the test pit and hand auger programs, Jacques Whitford collected surface soil samples from inside and outside the former mill building for polychlorinated biphenols (PCB) testing. One sample (SS105) was tested for metals. The sample locations are labeled SS1-SS12 and SS101-SS107 on Figure 3.

Sample ID	Location/Rationale
SS1	South of floor "cut out" along north building wall; PCBs identified in drain
SS2	North of floor "cut out" along north building wall
SS3	East of floor "cut out" along north building wall
SS5	Floor "cut out" along north building wall
SS6	Floor drain along south building wall
SS7	Soil from concrete floor south of maintenance shop
SS8/SS9	Soil from concrete floor in maintenance shop
SS10	Soil from concrete floor near former transformer
SS11	East of stained soil outside building; PCBs identified in stained soils
SS12	South of stained soil outside building
SS13	West of stained soil outside building
SS14	Stained soils outside building (0-0.5 ft)
SS15	Stained soils outside building (0.5-1 ft)
SS101	Floor drain along south building wall
SS102	Soil on concrete floor on basement level
SS103	Soil on concrete floor on basement level
SS104	Soil on concrete floor on basement level
SS105	Soil from outside south wall, adjacent to interior drain (metals testing)
SS106	Soil from outside south wall, adjacent to interior drain (PCB testing)
SS107	Soil from outside south wall, down slope from interior drain
SS108	Soil from outside south wall, down slope from interior drain

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Jacques Whitford collected samples HA-5 and SS-5 from the center of an approximately 1-ft x 1ft square cut out in the concrete floor of the concrete floor of the former mill building. Jacques Whitford collected samples SS1, SS2, and SS3 by coring through the concrete floor in the vicinity of the "cut out." SS4, proposed for the west side of the "cut out," could not be completed due to an obstruction.

Jacques Whitford collected samples SS6 and SS101 from a floor drain along the south wall of the building. The drain was about 1.5 ft x 1.5 ft square and contained water at a depth of about 2 ft below the floor level. Soil samples SS106, SS107 and SS108 were collected outside the building, adjacent to the floor drain. Hand excavation along the building wall did not identify a discharge pipe from the drain. Jacques Whitford believes that the drain may have an open bottom or sides under the building floor, with no point discharge.

Surface samples SS7, SS8/ SS9 (duplicate of SS8), SS10, SS102, SS103, and SS104 were composed of soil-like material that had accumulated on the building's concrete floor. SS7, SS8/SS9 and SS10 were collected from the second floor of the building; the others were collected from the basement/ground level. Sample locations were selected based on proximity to maintenance activities and former electrical equipment, such as transformers.

2.4 Chemical Testing

Selected soil samples were tested for VOCs (EPA Method 8260-B), diesel-range organics (DRO), the eight RCRA metals, and PCBs. Samples were selected based on field PID readings, visual indications possible impact, and position at or near the water table. Sample numbers, dates, depths and analytical results are summarized on Table 1; laboratory data sheets are contained in Appendix B.

Jacques Whitford subcontracted to Katahdin Analytical Services, Inc. (KAS) for laboratory testing of VOCs, DRO and heavy metals. KAS also conducted PCB testing during the test pit and hand auger programs. Spectrum Analytical, Inc. conducted PCB testing during the surface sample program; KAS provided analysis of one duplicate sample (SS101) for quality assurance/quality control.

Soil samples were collected in laboratory-supplied containers and kept chilled until delivery to the laboratory. Samples were managed under chain-of-custody protocol (copies of custody forms are contained in Appendix B).

3.0 RESULTS

3.1 Site Geology

Soil observed in the excavations consisted primarily of sandy fill with cobbles. Zones of clayey silt (possibly native soils of the Presumpscot Formation) were observed in some of the test pits such as in TP-103 from 5-8 feet below ground surface (bgs). The fill contained varying amounts of brick, ash, and coal. Timbers, rebar, and pieces of crushed metal were also observed in TP-103 at 5 feet bgs.

In TP-104, natural medium to coarse sand overlying silty clay was observed between 11 and 12 feet bgs. These soils may be glacial outwash overlying finer-grained deposits of the Presumpscot Formation.

The depth to bedrock varied from over 12 feet to 4 feet bgs. Bedrock was shallower at the east end of the property (4-6 feet bgs in TP-8 to TP-12) and deeper to the north and central portions of the property (over 10-12 feet in TP-101 to TP-106).

PID headspace readings recorded from screening of soil in the testpits and hand auger locations varied from 0.0 to 8.5 ppm. Other than apparent surface oil staining at HA-4 and HA-6, no visual or olfactory evidence of contamination was identified during the test pit and hand auger program. During hand excavation for sampling at SS106, a slight sheen on the soil and water were observed; the water level was about 1.5 feet bgs.

The soil in the excavations appeared mostly moist. Standing water was observed at 11 feet bgs in TP-104, 9 feet bgs in TP-107, and at 2 feet bgs in HA-3. The ground surface at HA-3 to the south of the site building was slightly above the elevation of the adjacent Presumpscot River. Based on site and vicinity topography, it is likely that groundwater flows west-southwest, toward the Presumpscot River.

3.2 Chemical Testing

Test results are summarized on Table 1. The table includes sample numbers, sample date, and depth of sample. Sample locations are shown on Figures 2 and 3. Laboratory test data is attached as Appendix B.

3.2.1 DRO and VOCs

Jacques Whitford tested soils from TP-101, TP-104, TP-107, TP-111 and HA-6 for DRO and VOCs. DRO concentrations ranged from approximately 9 mg/kg (TP-104) to 9,100 mg/kg (HA-6). DRO fingerprinting indicated the presence of heavy oil, such as motor oil, in the samples tested. Lighter oils, such as gasoline, diesel or #2 fuel oil, were not identified. This finding is consistent with the results of VOC testing where no constituents of lighter oils were identified, such as benzene, toluene, ethylbenzene, xylenes (BTEX) and methyl-tertiary butyl ether (MTBE). Methylene chloride and trichlorofluoromethane were detected in each of the samples and are suspected to be the result of cross contamination in the laboratory.

3.2.2 Metals

Soil samples from TP-102, TP-103, TP-107, TP-110, TP-112, SS-101 and SS105 were sampled for the eight RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). With the exception of arsenic, the metals concentrations were below the DEP Remedial Action Guidelines (RAG) for residential settings.[2] Arsenic was detected slightly above the RAG of 10 mg/kg at TP-102 (16 mg/kg), TP-103 (11 mg/kg), TP-110 (16 mg/kg), TP-112 (22 mg/kg), SS101 (17.5 mg/kg) and SS105 (13.6 mg/kg).

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[2] DEP "Remedial Action Guidelines," updated May 20, 1997.

3.2.3 PCBs

Former Transformer Pad

Relatively low concentrations of PCBs were detected in surface soils adjacent to the former transformer pad. Total PCB concentrations ranged from 0.119 mg/kg (parts per million – ppm) at HA-1 to 0.056 ppm at HA-2 (refer to Figure 3).

Stained Surface Soils Along South Building Wall

Jacques Whitford detected 2.8 ppm total PCBs in surface soils sampled from apparent oil-stained soils along the south building wall (SS14). The PCBs detected included Aroclor 1016, 1242, 1254, and 1260.

Surface soil samples collected at SS11, 10 feet to the east of SS14, were non-detect for PCBs. Likewise, surface soils collected at SS12, 10 feet to the south of SS14, were non-detect for PCBs. Surface sample SS13, 10 feet west of SS14, contained total PCBs of 0.135 ppm. The testing indicates limited aerial extent of PCB impacts at SS14.

PCB concentrations appear to decrease with depth at this location given detection of 2.8 ppm total PCBs in surface sample SS14 (0-0.5 ft), 1.8 ppm in sample SS15 (0.5-1 ft), and 0.63 ppm detected in HA-4 (1-2 ft); each of these samples were co-located.

Floor "Cut Out" along North Wall of Basement

Jacques Whiford detected 77 ppm total PCBs in surface soils sampled from the cut out in the concrete floor of the building basement (SS5). PCBs detected included Aroclor 1254 and 1260.

Soils sampled beneath concrete flooring at SS1, 10 feet south of SS5 contained 0.09 ppm total PCBs. Soils beneath the concrete floor at SS2, 5 feet north of SS5, contained 0.817 ppm total PCBs. Soils beneath concrete at SS3, 10 feet east of SS5, contained non-detectable PCB concentrations.

Test data indicate decreasing PCB concentrations with depth at the concrete floor "cut out." The surface soil sample SS5 (0-0.5 ft) contained 77 ppm total PCBs, while HA-5 (0.5 to 1 ft depth) contained 36 ppm total PCBs.

Floor Drain and Exterior Soils along South Wall of Basement

Total PCBs at 173 ppm (Aroclor 1254) were detected in sediments collected from a floor drain located along the south wall of the building basement (SS6). Confirmatory sampling from the same drain indicated 262 ppm PCBs (SS101) and 570 ppm PCBs (SS101 duplicate).

Soils sampled from a depth of 1.5 feet outside the building and adjacent to the interior floor drain (SS106) contained 113 ppm PCBs (Aroclor 1254). SS107, located about 10 feet west of SS106 (toward the river), contained 120 ppm Aroclor 1254; the sample depth was about 1 1/2 feet. SS108, located about 11 feet west of SS107, contained 9.3 ppm Aroclor 1254; the sample depth was about 1 foot.

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Soil Build-up on Interior Concrete Floors

Material sampled from the surface of the concrete floor inside the building contained total PCBs ranging from 11 ppm (SS8) to 138 ppm (SS103). The PCBs detected included Aroclor 1254 and 1260.

4.0 DISCUSSION

Under 40 CFR 761.61, the US Environmental Protection Agency (EPA) cleanup level for PCB remediation waste (*e.g.*, soils and material with porous surfaces, such as concrete) is $\leq$1 ppm in "high occupancy areas." This level is slightly lower than the DEP RAG for residential settings of 2.2 ppm total PCBs. The EPA clean-up level for low occupancy areas is $\leq$25 ppm, or < 50 ppm if the area is marked with signs and a fence.

EPA defines high occupancy areas as those in which the occupancy of any individual not wearing dermal and respiratory protection is about 17 hours or more per week (*e.g.*, residential areas or schools). If a cap is constructed over PCB-impacted materials, the clean-up level is $\leq$10 ppm in high occupancy areas, and $\leq$100 ppm in low occupancy areas.

Soil cleanup options under 40 CFR 761.61 include, among others, excavation and off-site disposal, and capping to prevent contact with site occupants. EPA notes that caps must be constructed of at least 10 inches of compacted soil or 6 inches of concrete or asphalt. EPA provides specifications for cap permeability, plasticity and grain-size characteristics.

Based on the test data for the site, soils were identified at concentrations exceeding the clean-up level for both high and low occupancy areas. These areas include the concrete "cut out" and floor drain in the building basement, soil build-up on building floors, and exterior soils in the vicinity of the floor drain.

5.0 CONCLUSIONS

Based on the data available to date, Jacques Whitford concludes the following:

1. Site investigations by Jacques Whitford and others have not detected impacts by past use and storage of "light" petroleum products such as gasoline, diesel or No. 2 fuel oil. This finding is based, in part, on completion twenty-four test pits by S.W. Cole, and 12 test pits and six hand augers by Jacques Whitford. Lighter petroleum products could contain contaminants with relatively high solubility and associated mobility, such as BTEX and MTBE.

2. A past release of heavy fuel oil at the site (fuel oil No. 6) appears to have been cleaned up in accordance with the goals established by DEP. DEP assigned a Baseline-2 clean-up goal for the release (PID readings of 200-400 ppm). PID screening of soils throughout the site by Jacques Whitford, including the heavy oil spill area, indicated a maximum reading of 8.5 ppm.

3. Past activities at the site do not appear to have resulted in significant heavy metals contamination. Other than arsenic, no metals were identified at concentrations exceeding DEP RAGs for residential sites. Arsenic was detected at concentrations slightly above the residental RAG. Arsenic is naturally occurring in Maine soils and bedrock, and elevated concentrations may not be the result of man-made contamination.

4. Soil-like material on the concrete floor in several areas of the former mill building were found to contain PCBs above EPA clean-up guidelines. PCBs likely originated in any number of former transformers and other electrical equipment used at the site.

5. Soils contaminated with PCBs above EPA and DEP clean-up guidelines are present in soils exposed in a "cut out" in the concrete floor of the building basement, and in a floor drain in the basement. PCBs above EPA and DEP clean-up guidelines are also present in outside soils proximate to the interior floor drain, and in soils sampled from an oil-stained area next to the building.

   While delineation of PCBs in soils is not complete, testing suggests that PCB concentrations decrease substantially with depth, and laterally away from the floor drain, concrete "cut out" and oil stained area.

6. The site area is serviced by sanitary sewer and public water supply. Three residences, located about 500 to 1,000 feet northeast of the site, have private wells. These wells are located at an elevation 20 to 40 feet higher than the site and apparently upgradient from the site with respect to groundwater flow.

6.0 RECOMMENDATIONS

Jacques Whitford recommends additional testing of soils in the vicinity of the basement floor drain. While test data to date indicates concentrations decrease with depth and laterally away from the drain, additional sampling is needed to more fully delineate the extent of impacted materials requiring cleanup in accordance with EPA and DEP regulations.

Jacques Whitford recommends removal and collection of soil build-up on the concrete floors inside the former mill building. The material should be segregated based on building floor or area, then tested for proper handling and disposal with respect to PCBs.

Oil-stained concrete floors, wood and other building materials should be considered suspect for PCBs. We understand that such surfaces will be cleaned prior to building demolition proposed as part of site redevelopment. Wastes generated during cleanup activities must be tested for PCBs and managed accordingly.

Tables

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7 Depot Street
Windham, Maine
Soil Analytical Results

Analyte	Maine DEP	TP-101	TP-102	TP-102	TP-103	TP-104	TP-107	TP-107	TP-110
Depth of Sample	**Residential**	**8-10'**	**0-2'**	**4-6'**	**0-2'**	**10-12'**	**2-4'**	**8-10'**	**0-2'**
Date Collected	**Guideline**	**8/4/03**	**8/4/03**	**8/4/03**	**8/4/03**	**8/4/03**	**8/4/03**	**8/4/03**	**8/4/03**
DRO (mg/kg)									
DIESEL RANGE ORGANICS		10	NA	NA	NA	U 6.8	NA	9	NA
Metals (mg/kg)									
ARSENIC	10	NA	**16**	5	**11**	NA	3	NA	**16**
BARIUM	10,000	NA	45	98	75	NA	87	NA	81
CADMIUM	27	NA	U 8.78	U 1.00	U 4.69	NA	U 1.06	NA	U 1.00
CHROMIUM	950	NA	266	7	133	NA	18	NA	16
LEAD	375	NA	150	12	164	NA	24	NA	49
MERCURY	60	NA	0	U 0.048	0	NA	0	NA	0
SELENIUM	950	NA	U 8.8	U 1.0	U 4.7	NA	U 1.1	NA	U 1.0
SILVER	950	NA	U 1.5	U 1.5	U 1.5	NA	U 1.6	NA	U 1.5
PCBs (ug/kg)									
AROCLOR-1016	100	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1221	*	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1232	*	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1242	*	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1248	*	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1254	*	NA	NA	NA	NA	NA	NA	NA	NA
AROCLOR-1260	*	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs (sum of above)	2,200	NA	NA	NA	NA	NA	NA	NA	NA
VOCs (ug/kg)									
METHYLENE CHLORIDE	13,000	17	NA	NA	NA	7	NA	10	NA
TRICHLOROFLUOROMETHANE	*	190	NA	NA	NA	70	NA	68	NA
Other Compounds									
TOTAL SOLIDS (%)	*	73	92	84	88	74	84	80	90

Notes:

* Regulatory Guideline Not Available

Bold values indicate an excedance of the Regulatory Guideline

PCBs = Polychlorinated Biphenyls

VOCs = Volatile Organic Compounds

NA = Not Analyzed

7 Depot Street
Windham, Maine
Soil Analytical Results

Analyte	Maine DEP	TP-111	TP-112	HA-1	HA-2	HA-4	HA-5	HA-6	SS1
Depth of Sample	**Residential**	**2-4'**	**0-2'**	**0-0.3'**	**0-0.3'**	**1-2'**	**0.5-1'**	**0-0.3'**	**0-0.5'**
Date Collected	**Guideline**	**8/4/03**	**8/4/03**	**8/4/03**	**8/4/03**	**8/4/03**	**8/8/03**	**8/4/03**	**11/25/03**
DRO (mg/kg)									
DIESEL RANGE ORGANICS		29	NA	63	NA	2,900	3,300	9,100	NA
Metals (mg/kg)									
ARSENIC	10	NA	**22**	NA	NA	NA	NA	NA	NA
BARIUM	10,000	NA	251	NA	NA	NA	NA	NA	NA
CADMIUM	27	NA	U 2.21	NA	NA	NA	NA	NA	NA
CHROMIUM	950	NA	55	NA	NA	NA	NA	NA	NA
LEAD	375	NA	338	NA	NA	NA	NA	NA	NA
MERCURY	60	NA	1	NA	NA	NA	NA	NA	NA
SELENIUM	950	NA	U 2.2	NA	NA	NA	NA	NA	NA
SILVER	950	NA	U 1.6	NA	NA	NA	NA	NA	NA
PCBs (ug/kg)									
AROCLOR-1016	100	NA	NA	U 20	U 20	U 18	U 200	NA	U 39.0
AROCLOR-1221	*	NA	NA	U 20	U 20	U 18	U 200	NA	U 39.0
AROCLOR-1232	*	NA	NA	U 20	U 20	U 18	U 200	NA	U 39.0
AROCLOR-1242	*	NA	NA	U 20	U 20	99	U 200	NA	U 39.0
AROCLOR-1248	*	NA	NA	U 20	U 20	U 18	U 200	NA	U 39.0
AROCLOR-1254	*	NA	NA	79	56	530	24,000	NA	89.9
AROCLOR-1260	*	NA	NA	40	U 20	U 18	12,000	NA	U 39.0
Total PCBs (sum of above)	2,200	NA	NA	119	56	629	**36,000**	NA	90
VOCs (ug/kg)									
METHYLENE CHLORIDE	13,000	U6	NA	NA	NA	NA	NA	6	NA
TRICHLOROFLUOROMETHANE	*	61	NA	NA	NA	NA	NA	48	NA
Other Compounds									
TOTAL SOLIDS (%)	*	84	79	85	83	93	84	96	83.6

Notes.

* Regulatory Guideline Not Available

Bold values indicate an excedance of the Regulatory Guideline

PCBs = Polychlorinated Biphenyls

VOCs = Volatile Organic Compounds

NA = Not Analyzed

7 Depot Street
Windham, Maine
Soil Analytical Results

Analyte	Maine DEP	SS2	SS3	SS5	SS6	SS7	SS8	SS9
Depth of Sample	**Residential**	**0-0.5'**	**0-0.5'**	**0-0.5'**	**0-0.5'**	**0-0.5'**	**0-0.5'**	**0-0.5'**
Date Collected	**Guideline**	**11/25/03**	**11/25/03**	**11/25/03**	**11/25/03**	**11/25/03**	**11/25/03**	**11/25/03**
DRO (mg/kg)								
DIESEL RANGE ORGANICS		NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)								
ARSENIC	10	NA	NA	NA	NA	NA	NA	NA
BARIUM	10,000	NA	NA	NA	NA	NA	NA	NA
CADMIUM	27	NA	NA	NA	NA	NA	NA	NA
CHROMIUM	950	NA	NA	NA	NA	NA	NA	NA
LEAD	375	NA	NA	NA	NA	NA	NA	NA
MERCURY	60	NA	NA	NA	NA	NA	NA	NA
SELENIUM	950	NA	NA	NA	NA	NA	NA	NA
SILVER	950	NA	NA	NA	NA	NA	NA	NA
PCBs (ug/kg)								
AROCLOR-1016	100	U 36.1	U 40	U 39.2	U 48.2	U 33.1	U 54.6	3,210
AROCLOR-1221	*	U 36.1	U 40	U 39.2	U 48.2	U 33.1	U 54.6	U 47.6
AROCLOR-1232	*	U 36.1	U 40	U 39.2	U 48.2	U 33.1	U 54.6	U 47.6
AROCLOR-1242	*	U 36.1	U 40	U 39.2	U 48.2	U 33.1	U 54.6	U 47.6
AROCLOR-1248	*	U 36.1	U 40	U 39.2	U 48.2	U 33.1	U 54.6	U 47.6
AROCLOR-1254	*	500	U 40	44,800	120,000	13,100	11,200	9,590
AROCLOR-1260	*	317	U 40	32,200	53,500	U 33.1	U 54.6	3,540
Total PCBs (sum of above)	2,200	817		**77,000**	**173,500**	**13,100**	**11,200**	**16,340**
VOCs (ug/kg)								
METHYLENE CHLORIDE	13,000	NA	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE	*	NA	NA	NA	NA	NA	NA	NA
Other Compounds								
TOTAL SOLIDS (%)	*	83	81.2	80.8	68.5	95.5	90.3	90.4

Notes.

* Regulatory Guideline Not Available

Bold values indicate an excedance of the Regulatory Guideline

PCBs = Polychlorinated Biphenyls

VOCs = Volatile Organic Compounds

NA = Not Analyzed

7 Depot Street
Windham, Maine
Soil Analytical Results

Analyte	Maine DEP	SS10	SS11	SS12	SS13	SS14	SS15	SS101
Depth of Sample	**Residential**	**0-0.5'**	**0-0.5'**	**0-0.5'**	**0-0.5'**	**0-0.5'**	**0.5-1.0'**	**fl. drain**
Date Collected	**Guideline**	**11/25/03**	**11/25/03**	**11/25/03**	**11/25/03**	**11/25/03**	**11/25/03**	**1/13/04**
DRO (mg/kg)								
DIESEL RANGE ORGANICS		NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)								
ARSENIC	10	NA	NA	NA	NA	NA	NA	**17.5**
BARIUM	10,000	NA	NA	NA	NA	NA	NA	126
CADMIUM	27	NA	NA	NA	NA	NA	NA	<0.651
CHROMIUM	950	NA	NA	NA	NA	NA	NA	158
LEAD	375	NA	NA	NA	NA	NA	NA	109
MERCURY	60	NA	NA	NA	NA	NA	NA	<0.243
SELENIUM	950	NA	NA	NA	NA	NA	NA	<3.91
SILVER	950	NA	NA	NA	NA	NA	NA	<2.61
PCBs (ug/kg)								
AROCLOR-1016	100	U 43.9	U 32.2	U 32.5	U 35.1	499	222	<4410
AROCLOR-1221	*	U 43.9	U 32.2	U 32.5	U 35.1	U 43.8	U 37.2	<4410
AROCLOR-1232	*	U 43.9	U 32.2	U 32.5	U 35.1	U 43.8	U 37.2	<4410
AROCLOR-1242	*	U 43.9	U 32.2	U 32.5	U 35.1	U 43.8	U 37.2	<4410
AROCLOR-1248	*	U 43.9	U 32.2	U 32.5	U 35.1	U 43.8	U 37.2	<4410
AROCLOR-1254	*	5,100	U 32.2	U 32.5	135	1770	1170	262,000
AROCLOR-1260	*	U 43.9	U 32.2	U 32.5	U 35.1	532	445	<4410
Total PCBs (sum of above)	2,200	**5,100**			135	**2,801**	1,837	**262,000**
VOCs (ug/kg)								
METHYLENE CHLORIDE	13,000	NA	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE	*	NA	NA	NA	NA	NA	NA	NA
Other Compounds								
TOTAL SOLIDS (%)	*	88.9	92.2	95.3	98.2	84.2	90.5	70.9

Notes.

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PCBs = Polychlorinated Biphenyls

VOCs = Volatile Organic Compounds

NA = Not Analyzed

7 Depot Street
Windham, Maine
Soil Analytical Results

Analyte	Maine DEP	SS101 (dup)	SS102	SS103	SS104	SS105	SS106	SS107
Depth of Sample	Residential	fl. drain	soil on fl.	soil on fl.	soil on fl.	1'	1.5'	1.3'
Date Collected	Guideline	1/13/04	1/13/04	1/13/04	1/13/04	1/13/04	1/13/04	2/3/04
DRO (mg/kg)								
DIESEL RANGE ORGANICS		NA	NA	NA	NA	NA	NA	NA
Metals (mg/kg)								
ARSENIC	10	NA	NA	NA	NA	**13.6**	NA	NA
BARIUM	10,000	NA	NA	NA	NA	73.4	NA	NA
CADMIUM	27	NA	NA	NA	NA	<0.714	NA	NA
CHROMIUM	950	NA	NA	NA	NA	32	NA	NA
LEAD	375	NA	NA	NA	NA	212	NA	NA
MERCURY	60	NA	NA	NA	NA	0.25	NA	NA
SELENIUM	950	NA	NA	NA	NA	<4.28	NA	NA
SILVER	950	NA	NA	NA	NA	<2.86	NA	NA
PCBs (ug/kg)								
AROCLOR-1016	100	<31,000	<6680	<29,800	<29,900	NA	<40,900	<2300
AROCLOR-1221	*	<31,000	<6680	<29,800	<29,900	NA	<40,900	<2300
AROCLOR-1232	*	<31,000	<6680	<29,800	<29,900	NA	<40,900	<2300
AROCLOR-1242	*	<31,000	<6680	<29,800	<29,900	NA	<40,900	<2300
AROCLOR-1248	*	<31,000	<6680	<29,800	<29,900	NA	<40,900	<2300
AROCLOR-1254	*	570,000	71,100	138,000	100,000	NA	113,000	120,000
AROCLOR-1260	*	<31,000	<6680	<29,800	<29,900	NA	<40,900	<2300
Total PCBs (sum of above)	2,200	**570,000**	**71,100**	**138,000**	**100,000**	NA	**113,000**	**120,000**
VOCs (ug/kg)								
METHYLENE CHLORIDE	13,000	NA	NA	NA	NA	NA	NA	NA
TRICHLOROFLUOROMETHANE	*	NA	NA	NA	NA	NA	NA	NA
Other Compounds								
TOTAL SOLIDS (%)	*	54.9	92.6	94.9	90.9	68.2	67.1	73.4

Notes:

* Regulatory Guideline Not Available

Bold values indicate an excedance of the Regulatory Guideline

PCBs = Polychlorinated Biphenyls

VOCs = Volatile Organic Compounds

NA = Not Analyzed

7 Depot Street
Windham, Maine
Soil Analytical Results

	Analyte	Maine DEP	SS108
	Depth of Sample	**Residential**	**0.9'**
	Date Collected	**Guideline**	**2/3/04**
DRO (mg/kg)			
	DIESEL RANGE ORGANICS		NA
Metals (mg/kg)			
	ARSENIC	10	NA
	BARIUM	10,000	NA
	CADMIUM	27	NA
	CHROMIUM	950	NA
	LEAD	375	NA
	MERCURY	60	NA
	SELENIUM	950	NA
	SILVER	950	NA
PCBs (ug/kg)			
	AROCLOR-1016	100	<140
	AROCLOR-1221	*	<140
	AROCLOR-1232	*	<140
	AROCLOR-1242	*	<140
	AROCLOR-1248	*	<140
	AROCLOR-1254	*	9,300
	AROCLOR-1260	*	<140
	Total PCBs (sum of above)	2,200	**9,300**
VOCs (ug/kg)			
	METHYLENE CHLORIDE	13,000	NA
	TRICHLOROFLUOROMETHANE	*	NA
Other Compounds			
	TOTAL SOLIDS (%)	*	61.8

Notes.

* Regulatory Guideline Not Available

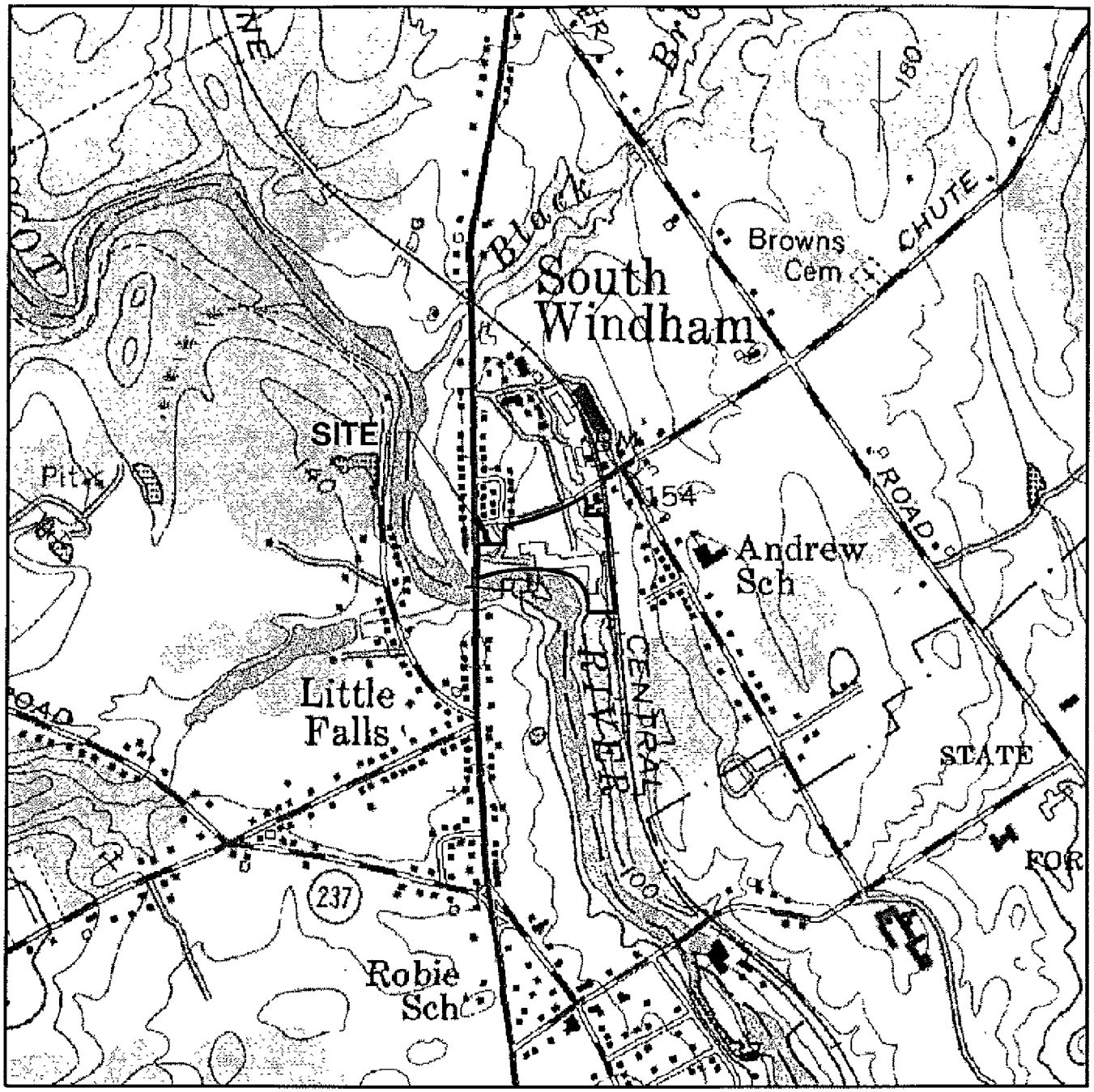
Bold values indicate an excedance of the Regulatory Guideline

PCBs = Polychlorinated Biphenyls

VOCs = Volatile Organic Compounds

NA = Not Analyzed

Figures



MAP SOURCE:
TOPOZONE.COM
GORHAM, ME
1970

NORTH

ME

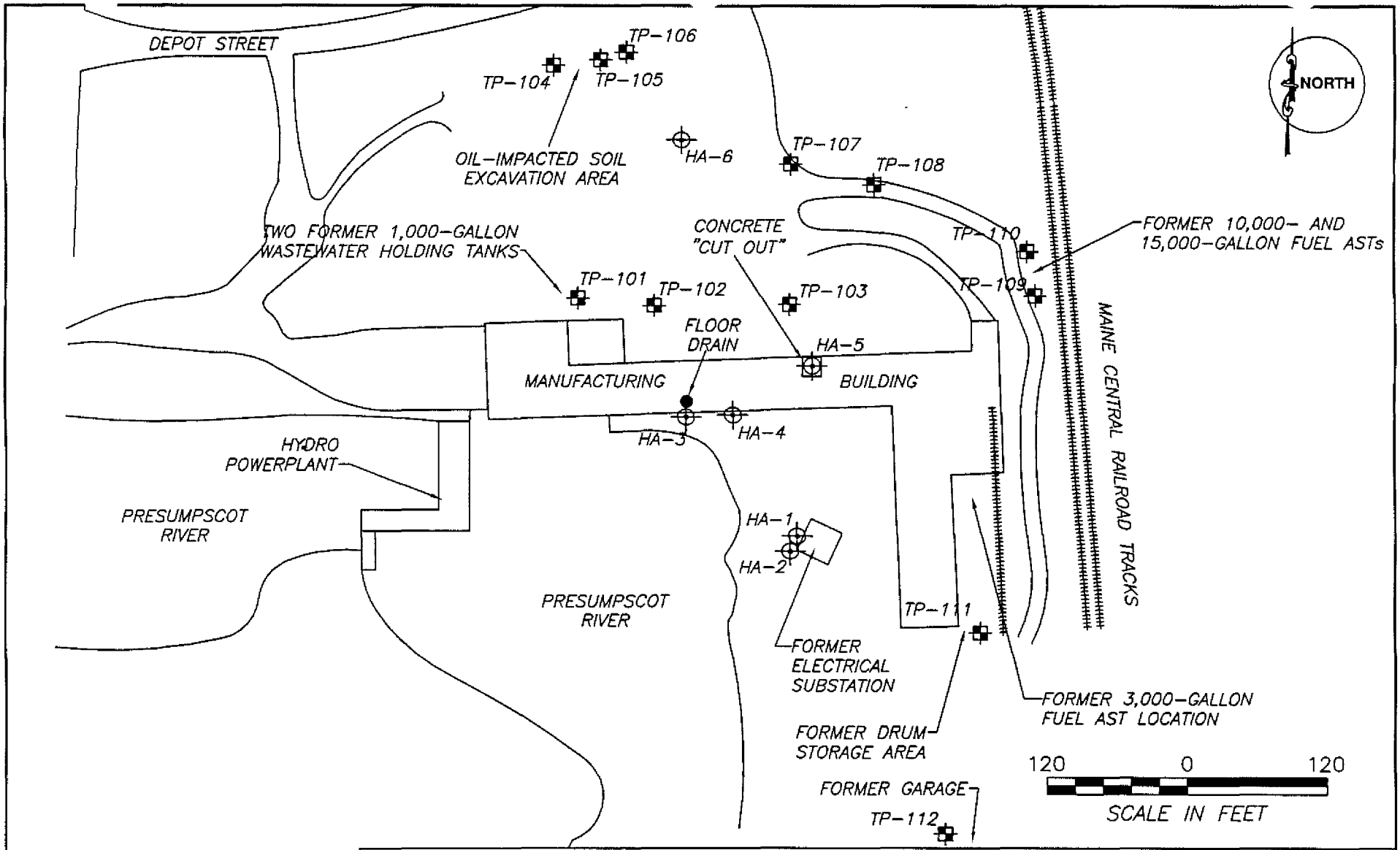
2000 0 2000
Scale in feet

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTSMOUTH, NEW HAMPSHIRE				DRAWING TITLE: SITE LOCATION MAP SEVEN DEPOT STREET WINDHAM, MAINE
DATE PREPARED: 9-02-03	DESIGNED BY: DVC	DRAWN BY: TS	CHECKED BY: BSB	REVIEWED BY: DVC
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PROJECT NAME/FILE NAME: 7 DEPOT STREET/SITE		PROJECT NUMBER/PHASE: MEP03102/*	SCALE: 1:24000	PREPARED FOR: RENEE LEWIS

VIL_RESP04401

1



Legend

- HAND AUGER LOCATION
- TEST PIT LOCATION

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTLAND, MAINE				
DATE PREPARED: 9-02-03	DESIGNED BY: DVC	DRAWN BY: TS	CHECKED BY: BSB	REVIEWED BY: DVC
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PROJECT NAME/FILE NAME: 7 DEPOT STREET/SITE		PROJECT NUMBER/PHASE: MEP03102/*	SCALE: 1"=120'	

DRAWING TITLE:

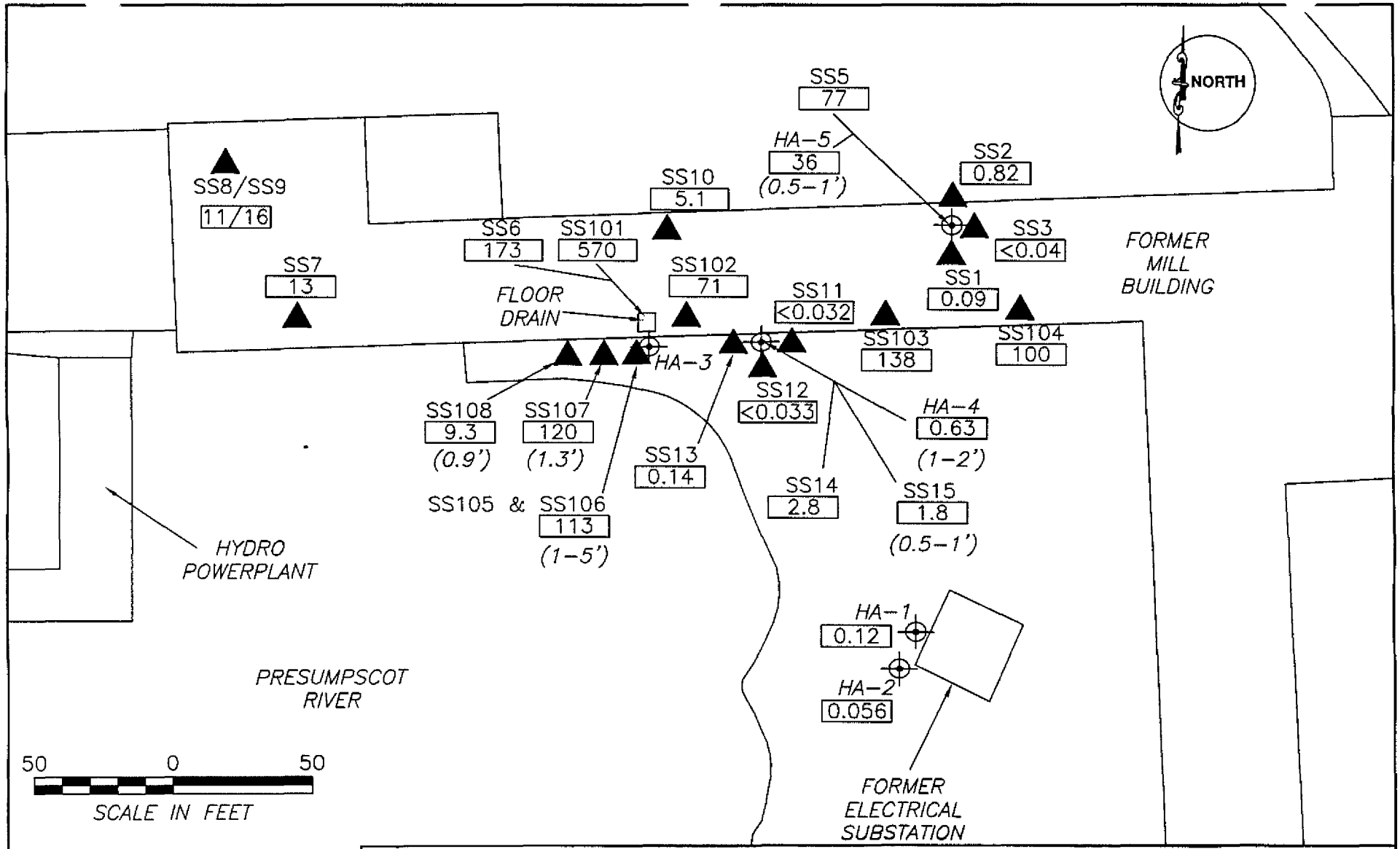
SITE PLAN

SEVEN DEPOT STREET
WINDHAM, MAINE

PREPARED FOR: RENEE LEWIS

VIL_RESP04402

FIGURE NO. 2



Legend

- HAND AUGER LOCATION
- GRAB SAMPLE LOCATION
- 2.8 – TOTAL PCBs IN mg/kg

Jacques Whitford Company, Inc.

JACQUES WHITFORD LOCATION: PORTLAND, MAINE				
DATE PREPARED: 9-02-03	DESIGNED BY: DVC	DRAWN BY: TS	CHECKED BY: BSB	REVIEWED BY: DVC
REVISION DATE:	REVISION NO:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PROJECT NAME/FILE NAME: 7 DEPOT STREET/SITE		PROJECT NUMBER/PHASE: MEP03102/*	SCALE: 1"=50'	

DRAWING TITLE:

PCB SAMPLE PLAN

SEVEN DEPOT STREET
WINDHAM, MAINE

PREPARED FOR: RENEE LEWIS

VIL_RESP04403

FIGURE NO. 3

Appendix A
Logs of Test Pits and Hand Augers

VIL_RESP04404

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-101
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1025
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1100
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	12

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
1	Dark brown well graded fine to coarse sand trace silt trace fine gravel to cobbles moist loose. Contains brick, ash, and coal. SW.	Fill	Easy	1.0	
2					
3				3.6	
4					
5				2.8	
6	Dark brown well graded fine to coarse sand trace silt trace fine gravel to stones moist loose. Contains brick ash, coal and layers of red crushed brick. SW.				
7				2.4	
8					
9				8.0	
10					
11				7.9	
12	Bottom of Excavation at 12'. No refusal.				

Remarks: Groundwater observed at 10' below ground surface.

VIL_RESP04405

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-102
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1100
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1130
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	10

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
	Dark brown well graded silty fine to coarse sand moist firm with layers of coal. SW.	Fill	Easy	3.9	
1	Light gray well graded sand some fine to coarse gravel moist dense with ash. SW.				
2	Reddish brown poorly graded fine to coarse sand moist with bricks. SP.			5.5	
3.5	Grayish brown poorly graded medium to coarse sand moist with coal and ash. SP.				
5				2.4	
6					
7				7.9	
8					
9				2.1	
10	Bottom of Excavation at 10'. No refusal.				
11					
12					

Remarks: No groundwater observed.

VIL_RESP04406

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-103
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1130
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1200
OPERATOR:	Peter Lovell	GROUND ELEV:	
		DIMENSIONS:	
		LENGTH:	12
		WIDTH:	4
		DEPTH:	10
		FILE NO:	Wintps
		JWC REP:	D. Chapman

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
1	Yellowish brown to dark brown well graded fine to medium sand moist firm trace silt with some bricks, ash, and cobbles. SM. Contains pockets of brick.	Fill	Easy	0.4	
2					
3				0.7	
4	SAA with layers of coal and ash. SM.				
5	Brayish brown well graded clayey silt trace fine gravel moist firm with timbers, rebar and crushed metal. ML.			1.9	
6					
7				7.7	
8	Yellowish brown poorly graded silty fine to medium sand trace clay moist. Contains cobble-sized bedrock fragments. SM.				
9				4.4	
10	Bottom of Excavation at 10'. No refusal.				
11					
12					

Remarks: No groundwater observed.

VIL_RESP04407

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-104
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1630
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1700
OPERATOR:	Peter Lovell	GROUND ELEV:	
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	12
		FILE NO:	Wintps
		JWC REP:	D. Chapman

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
1	Yellow brown to black poorly graded fine to medium sand with coal ash, pieces of asphalt pavement, cobbles, and wood. SM.	Fill	Easy	2.3	
2					
3				5.2	
4	Grayish brown poorly graded silt some fine to medium sand moist. ML.				
5				4.4	
6					
7				5.3	
8					
9				3.9	
10	Wood observed in sidewall.				
11	Blueish gray poorly graded medium to coarse sand wet firm. SP.	Glaciomarine		4.5	
12	Blueish gray poorly graded silty clay wet. CL. Bottom of excavation at 12'. No refusal.				

Remarks: Groundwater observed at 11' below ground surface.

VIL_RESP04408

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-105
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1600
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1630
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman

DIMENSIONS:
LENGTH: 12
WIDTH: 4
DEPTH: 12

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
1	Yellowish brown to reddish brown poorly graded fine to medium sand trace silt. Contains wood and ash. SM.	Fill	Easy	1.2	
2					
3				1.5	
4	Yellowish brown to black poorly graded fine to medium sand trace silt with coal and				
5	coal ash. SM.			2.8	
6	Grayish brown well graded clayey silt some fine to coarse sand mottled moist firm. ML.				
7				1.8	
8	Olive gray poorly graded clayey silt moist firm. ML.				
9				4.0	
10					
11				3.9	
12	Bottom of excavation at 12'. No refusal.				

Remarks: No groundwater observed.

VIL_RESP04409

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-106
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1530
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1600
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman
		DIMENSIONS:	
		LENGTH:	12
		WIDTH:	4
		DEPTH:	12

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
1	Yellowish brown to grayish brown well graded fine to coarse sand trace fine gravel to cobbles with bricks and ash. SW.	Fill	Easy	4.2	
2					
3	Grayish brown mottled silt some fine to coarse sand trace clay with wood (beams). ML.			0.0	
4					
5				3.7	
6					
7				1.2	
8					
9					
10					
11					
12	Bottom of excavation at 12'. No refusal.				

Remarks: No groundwater observed.

VIL_RESP04410

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-107
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1200
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1230
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	10

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
	Dark brown well graded fine to coars sand trace silt trace cobbles moist firm. SW	Fill	Easy	4.8	
0.5	Yellow brown to reddish brown well graded				
2	fine to coarse sand some semi rounded cobbles moist loose. SW.				
3.2	Layer of red and gray ash with bricks			4.8	
3.5	Grayish brown poorly graded ash.				
5	Grayish brown ash with clayey silt some fine gravel moist firm. ML.			4.7	
6					
7				2.8	
8	Section of 8" diameter pipe.	Glaciomarine			
9	Mottled reddish brown and grayish brown poorly graded clayey silt wet. ML.			6.1	
10	Bottom of excavation at 10'. No refusal.				
11					
12					

Remarks: Groundwater observed at 9' below ground surface.

VIL_RESP04411

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-108
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1230
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1300
OPERATOR:	Peter Lovell	GROUND ELEV:	
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	4
		FILE NO:	Wintps
		JWC REP:	D. Chapman

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
	Yellowish brown fine to coarse sand trace silty trace cobbles. SW.	Fill	Easy	2.4	
0.8	Coal.				
1	Light grayish brown poorly graded clayey silt moist firm. ML.				
2	Reddish brown well graded fine to coarse sand some gravel and cobbles. SW.			1.8	
4	Bottom of excavation at 4'.	Bedrock	Refusal		
5					
6					
7					
8					
9					
10					
11					
12					

Remarks: No groundwater observed.

VIL_RESP04412

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-109
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1300
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1330
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	6

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
1	Yellowish brown poorly graded medium to coarse sand with black coal ash. SP.	Fill	Easy	3.7	
2					
3	Reddish brown to yellowish brown fine to medium sand trace silt moist firm. SM.			0.4	
4					
5	Weathered bedrock. Bottom of excavation at 6'.	Bedrock	Moderate Refusal	2.1	
6					
7					
8					
9					
10					
11					
12					

Remarks: No groundwater observed.

VIL_RESP04413

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-110
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1330
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1400
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	6

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
	Layer of asphalt under soil.	Fill	Easy	0.0	
1	Medium to coarse sand with brick fragments and coal ash. SP.				
2	Dark brown fine sand tr. silt moist loose. SM	Sand			
3	Yellow brown fine sand trace silt moist loose. SM.			1.2	
4					
				2.0	
5	Weathered bedrock.	Bedrock	Moderate		
	Bottom of excavation at 6'.		Refusal		
6					
7					
8					
9					
10					
11					
12					

Remarks: No groundwater observed.

VIL_RESP04414

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-111
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1430
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1500
OPERATOR:	Peter Lovell	GROUND ELEV:	
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	6
		FILE NO:	Wintps
		JWC REP:	D. Chapman

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
1	Grayish brown to dark brown well graded fine to coarse sand trace fine gravel to cobbles with ash. SW.	Fill	Easy	0.2	
2					
3	Yellowish brown to grayish brown poorly graded clayey silt moist firm. ML.			3.1	
4	Bottom of excavation at 4'.	Bedrock	Refusal		
5					
6					
7					
8					
9					
10					
11					
12					

Remarks: No groundwater observed.

VIL_RESP04415

(Kentp.xls5/3/04)

TEST PIT EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

PROJECT:	7 Depot Street	TESTPIT #:	TP-112
LOCATION:	Windham, Maine	DATE:	8/4/03
		WEATHER:	Rain, 70s
EXCAVATION EQUIPMENT		TIME STARTED	1500
CONTRACTOR	Environ Services, Inc.	COMPLETED:	1530
OPERATOR:	Peter Lovell	GROUND ELEV:	
		FILE NO:	Wintps
		JWC REP:	D. Chapman
		DIMENSIONS:	
		LENGTH:	10
		WIDTH:	4
		DEPTH:	5

SAMPLE DEPTH (feet)	SOIL DESCRIPTION	STRATA CHANGE	EXCAVATION EFFORT	PID READING (ppm)	REMARKS
		Fill	Easy	0.0	
1	Dark brown to black well graded fine to coarse sand moist firm with bricks. SP.				
2.3	Reddish brown to yellowish brown well graded fine sand some cobbles moist firm.				
3	SW.			1.5	
4	Grayish brown well graded fine to medium sand some cobbles. SW.				
5	Bottom of excavation at 5'.	Bedrock	Refusal		
6					
7					
8					
9					
10					
11					
12					

Remarks: No groundwater observed.

VIL_RESP04416

(Kentp.xls5/3/04)

HAND AUGER EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

Project: 7 Depot Street, Windham, Maine		Project #: MEP03102
Client: Ms. Renee J. Lewis	Weather: Rain, 70s	
Contractor: JWC	Auger Size: 3"	Boring #: HA1
Drilling Method: Hand Auger	PID: Thermo 580B	Date Begun: 8/5/03
Ground Elevation: Local	Checked By: DTC	Completed: 8/5/03
Logged By: DVC	Protection Level: D	Depth to Water (ft bls):

Depth (ft)	Sample Interval (ft)	Sample No.	Pen/Recovery (ft/ft)	Soil/Rock Description	PID (ppm)	Soil Classification
0				Dark brown well graded fine to coarse sand trace fine gravel and cobbles moist firm. SW.	8.5	Fill
				Refusal on cobbles at 0.5' below ground surface.		
1						
2						

NOTES: No Groundwater observed.

VIL_RESP04417

HAND AUGER EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

Project: 7 Depot Street, Windham, Maine		Project #: MEP03102
Client: Ms. Renee J. Lewis	Weather: Rain, 70s	
Contractor: JWC	Auger Size: 3"	Boring #: HA2
Drilling Method: Hand Auger	PID: Thermo 580B	Date Begun: 8/5/03
Ground Elevation: Local	Checked By: DTC	Completed: 8/5/03
Logged By: DVC	Protection Level: D	Depth to Water (ft bls):

Depth (ft)	Sample Interval (ft)	Sample No.	Pen/Recovery (ft/ft)	Soil/Rock Description	PID (ppm)	Soil Classification
0				Dark brown well graded fine to coarse sand trace fine gravel and cobbles moist firm. SW.	2.5	Fill
				Refusal on cobbles at 0.5' below ground surface.		
1						
2						

NOTES: No groundwater observed.

VIL_RESP04418

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

Project: 7 Depot Street, Windham, Maine		Project #: MEP03102
Client: Ms. Renee J. Lewis	Weather: Rain, 70s	
Contractor: JWC	Auger Size: 3"	Boring #: HA3
Drilling Method: Hand Auger	PID: Thermo 580B	Date Begun: 8/5/03
Ground Elevation: Local	Checked By: DTC	Completed: 8/5/03
Logged By: DVC	Protection Level: D	Depth to Water (ft bls):

Depth (ft)	Sample Interval (ft)	Sample No.	Pen/Recovery (ft/ft)	Soil/Rock Description	PID (ppm)	Soil Classification
0				Dark grayish brown well graded fine to coarse sand trace fine gravel moist firm. SW.	3.1	Fill
1					2.9	
				Refusal on cobbles at 1.5' below ground surface.		
2						

NOTES: Groundwater observed at 2' below ground surface.

VIL_RESP04419

HAND AUGER EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

Project: 7 Depot Street, Windham, Maine		Project #: MEP03102
Client: Ms. Renee J. Lewis	Weather: Rain, 70s	
Contractor: JWC	Auger Size: 3"	Boring #: HA4
Drilling Method: Hand Auger	PID: Thermo 580B	Date Begun: 8/5/03
Ground Elevation: Local	Checked By: DTC	Completed: 8/5/03
Logged By: DVC	Protection Level: D	Depth to Water (ft bls):

Depth (ft)	Sample Interval (ft)	Sample No.	Pen/Recovery (ft/ft)	Soil/Rock Description	PID (ppm)	Soil Classification
0				Dark grayish brown well graded fine to coarse sand trace fine gravel moist firm. SW.	2.1	Fill
1				Yellow brown well graded fine to coarse sand trace fine gravel moist firm. SW.	4.0	
				Refusal on cobbles at 1.5' below ground surface.		
2						

NOTES: No groundwater observed.

VIL_RESP04420

HAND AUGER EXCAVATION LOG

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

Project: 7 Depot Street, Windham, Maine		Project #: MEP03102
Client: Ms. Renee J. Lewis	Weather: Rain, 70s	
Contractor: JWC	Auger Size: 3"	Boring #: HA5
Drilling Method: Hand Auger	PID: Thermo 580B	Date Begun: 8/5/03
Ground Elevation: Local	Checked By: DTC	Completed: 8/5/03
Logged By: DVC	Protection Level: D	Depth to Water (ft bls):

Depth (ft)	Sample Interval (ft)	Sample No.	Pen/Recovery (ft/ft)	Soil/Rock Description	PID (ppm)	Soil Classification
0				Black well graded silty fine sand trace medium to coarse sand trace cobbles moist firm. SW	2.1	Fill
					1.2	
1				Refusal at 1.0' below ground surface on cobbles.		
2						

NOTES: No groundwater observed.

VIL_RESP04421

JACQUES WHITFORD COMPANY, INC
75 Pearl Street, Suite 410
Portland, ME 04101

Project: 7 Depot Street, Windham, Maine		Project #: MEP03102
Client: Ms. Renee J. Lewis	Weather: Rain, 70s	
Contractor: JWC	Auger Size: 3"	Boring #: HA6
Drilling Method: Hand Auger	PID: Thermo 580B	Date Begun: 8/5/03
Ground Elevation: Local	Checked By: DTC	Completed: 8/5/03
Logged By: DVC	Protection Level: D	Depth to Water (ft bls):

Depth (ft)	Sample Interval (ft)	Sample No.	Pen/Recovery (ft/ft)	Soil/Rock Description	PID (ppm)	Soil Classification
0				Black well graded fine to coarse sand some fine gravel moist firm. SW	3.2	Fill
0.2				Gray brown well graded fine to coarse sand some fine gravel moist firm. SW	2.5	
1				Refusal on cobbles at 1.0 feet below the concrete building floor.		
2						

NOTES: No groundwater observed. 4' diameter oil stain. Black staining extends 0.2' down below ground surface.

VIL_RESP04422

Appendix B
Chemical Test Data

VIL_RESP04423

TECHNICAL NARRATIVE

Organics Laboratory

Samples WT1906-1 through -15 were received on August 5, 2003. Some of the samples were analyzed for Volatile Organics according to SW-846 Method 8260B and/or diesel range organics (DRO) according to method MEDEP 4.1.25, and/or PCB's according to SW-846 Method 8082. Some manual integrations were performed due to split peaks or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation reports. Fingerprint analyses of the DRO analyses were performed as requested. The samples were analyzed within hold times and all QC were acceptable with the following comments:

8260 Analysis

Samples WT1906-1 and -7 were initially analyzed three and seventy-five minutes respectively outside of the analytical shift. Sample WT1906-7 had a recovery for one surrogate that was low and outside of the laboratory established acceptance limits. The two samples were reanalyzed, and sample WT1906-1 had one low surrogate recovery and WT1906-7 had four low internal standard responses and one low surrogate recovery. The results from both analyses are included in the report.

The initial analysis of sample WT1906-14 had two low internal standard responses and two low surrogate recoveries. The second analysis for WT1906-14 was analyzed forty-three minutes out of the analytical shift with four low internal standard responses and two low surrogate recoveries indicating a likely matrix effect. The results from both analyses are included in the report.

The laboratory method blank (WG3228-2) has one surrogate that is low and outside of the laboratory established limits. Since three other surrogates are acceptable, the blank was not reanalyzed.

DRO Analysis

Samples WT1906-13 and -14 were diluted in order to bring the high DRO concentration into the calibration range. Consequently, the surrogate was diluted out of range.

Sample WT1906-4 did not detect any DRO above the PQL, therefore, a fingerprint analysis could not be performed.

Samples WT1906-1, 7, 9, and 11 do not match any of the fuel products analyzed during the initial calibration. While portions of these samples elute within the retention time ranges of Fuel Oil #6 and Motor Oil, some of the sample elutes later than any of the fuel products analyzed during the initial calibration.

Sample WT1906-13 does not match any of the fuel products analyzed during the initial calibration. However, it does elute within the range of Fuel Oil #4.

Sample WT1906-14 does not match but closely resembles the product Motor Oil analyzed during the initial calibration.

The laboratory control sample duplicate (LCSD) WG3121-3 had a low recovery for DRO that was outside of the method acceptance limits. Since the LCS was acceptable the samples were not reanalyzed.

8082 Analysis:

The laboratory control sample (LCS) and the laboratory control sample duplicate (LCSD) (WG3131-2 and WG3131-3 respectively) had low recoveries for Aroclor 1260 that were outside of the laboratory established acceptance limits. The established recoveries are based on data points from the sonication method SW-846 method 3550. The samples were extracted using the SW-846 method 3545. There currently are not enough data points to establish acceptance limits. Since the recoveries were within the method nominal acceptance limits of 70-130%, the associated samples were not reanalyzed.

There were no other protocol deviations or observations noted by the organic laboratory staff.

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 01/20/03
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.4

Lab ID: WT1906-1
Client ID: TP-101,8-10
SDG: WT1906
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: JLP
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	30	1.0	10	30
Chloromethane	U	30	1.0	10	30
Vinyl chloride	U	30	1.0	10	30
Bromomethane	U	30	1.0	10	30
Chloroethane	U	30	1.0	10	30
Trichlorofluoromethane		190	1.0	10	30
1,1-Dichloroethene	U	15	1.0	5	15
Methylene Chloride		17	1.0	5	15
trans-1,2-Dichloroethene	U	15	1.0	5	15
1,1-Dichloroethane	U	15	1.0	5	15
cis-1,2-Dichloroethene	U	15	1.0	5	15
2,2-Dichloropropane	U	15	1.0	5	15
Chloroform	U	15	1.0	5	15
Bromochloromethane	U	15	1.0	5	15
1,1,1-Trichloroethane	U	15	1.0	5	15
1,2-Dichloroethane	U	15	1.0	5	15
1,1-Dichloropropene	U	15	1.0	5	15
Carbon Tetrachloride	U	15	1.0	5	15
Benzene	U	15	1.0	5	15
1,2-Dichloropropane	U	15	1.0	5	15
Trichloroethene	U	15	1.0	5	15
Dibromomethane	U	15	1.0	5	15
Bromodichloromethane	U	15	1.0	5	15
cis-1,3-dichloropropene	U	15	1.0	5	15
Toluene	U	15	1.0	5	15
trans-1,3-Dichloropropene	U	15	1.0	5	15
1,1,2-Trichloroethane	U	15	1.0	5	15
1,3-Dichloropropane	U	15	1.0	5	15
Dibromochloromethane	U	15	1.0	5	15
Tetrachloroethene	U	15	1.0	5	15
1,2-Dibromoethane	U	15	1.0	5	15
Chlorobenzene	U	15	1.0	5	15
1,1,1,2-Tetrachloroethane	U	15	1.0	5	15
Ethylbenzene	U	15	1.0	5	15
Bromoform	U	15	1.0	5	15
Styrene	U	15	1.0	5	15
1,1,2,2-Tetrachloroethane	U	15	1.0	5	15
1,2,3-Trichloropropane	U	15	1.0	5	15
Isopropylbenzene	U	15	1.0	5	15
Bromobenzene	U	15	1.0	5	15
2-Chlorotoluene	U	15	1.0	5	15
N-Propylbenzene	U	15	1.0	5	15
4-Chlorotoluene	U	15	1.0	5	15

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 01/20/03
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.4

Lab ID: WT1906-1
Client ID: TP-101,8-10
SDG: WT1906
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: JLP
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	15	1.0	5	15
tert-Butylbenzene	U	15	1.0	5	15
1,2,4-Trichlorobenzene	U	15	1.0	5	15
sec-Butylbenzene	U	15	1.0	5	15
1,3-Dichlorobenzene	U	15	1.0	5	15
P-Isopropyltoluene	U	15	1.0	5	15
1,4-Dichlorobenzene	U	15	1.0	5	15
1,2-Dichlorobenzene	U	15	1.0	5	15
N-Butylbenzene	U	15	1.0	5	15
1,2-Dibromo-3-Chloropropane	U	15	1.0	5	15
1,2,4-Trimethylbenzene	U	15	1.0	5	15
Naphthalene	U	15	1.0	5	15
Hexachlorobutadiene	U	15	1.0	5	15
1,2,3-Trichlorobenzene	U	15	1.0	5	15
Methyl tert-butyl ether	U	15	1.0	5	15
Acetone	U	60	1.0	20	60
2-Butanone	U	60	1.0	20	60
4-methyl-2-pentanone	U	60	1.0	20	60
2-Hexanone	U	60	1.0	20	60
m+p-Xylenes	U	30	1.0	10	30
o-Xylene	U	15	1.0	5	15
1,3,5-Trichlorobenzene	U	15	1.0	5	15
Vinyl Acetate	U	15	1.0	5	15
Carbon Disulfide	U	15	1.0	5	15
Diethyl Ether	U	15	1.0	5	15
Tetrahydrofuran	U	150	1.0	50	150
1,2-Dichloroethylene (total)	U	30	1.0	10	30
Xylenes (total)	U	45	1.0	15	45
Dibromofluoromethane		110%			
1,2-Dichloroethane-D4		111%			
Toluene-D8		102%			
P-Bromofluorobenzene		83%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.4

Lab ID: WT1906-1RA
Client ID: TP-101,8-10
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	30	1.0	10	30
Chloromethane	U	30	1.0	10	30
Vinyl chloride	U	30	1.0	10	30
Bromomethane	U	30	1.0	10	30
Chloroethane	U	30	1.0	10	30
Trichlorofluoromethane		47	1.0	10	30
1,1-Dichloroethene	U	15	1.0	5	15
Methylene Chloride	U	15	1.0	5	15
trans-1,2-Dichloroethene	U	15	1.0	5	15
1,1-Dichloroethane	U	15	1.0	5	15
cis-1,2-Dichloroethene	U	15	1.0	5	15
2,2-Dichloropropane	U	15	1.0	5	15
Chloroform	U	15	1.0	5	15
Bromochloromethane	U	15	1.0	5	15
1,1,1-Trichloroethane	U	15	1.0	5	15
1,2-Dichloroethane	U	15	1.0	5	15
1,1-Dichloropropene	U	15	1.0	5	15
Carbon Tetrachloride	U	15	1.0	5	15
Benzene	U	15	1.0	5	15
1,2-Dichloropropane	U	15	1.0	5	15
Trichloroethene	U	15	1.0	5	15
Dibromomethane	U	15	1.0	5	15
Bromodichloromethane	U	15	1.0	5	15
cis-1,3-dichloropropene	U	15	1.0	5	15
Toluene	U	15	1.0	5	15
trans-1,3-Dichloropropene	U	15	1.0	5	15
1,1,2-Trichloroethane	U	15	1.0	5	15
1,3-Dichloropropane	U	15	1.0	5	15
Dibromochloromethane	U	15	1.0	5	15
Tetrachloroethene	U	15	1.0	5	15
1,2-Dibromoethane	U	15	1.0	5	15
Chlorobenzene	U	15	1.0	5	15
1,1,1,2-Tetrachloroethane	U	15	1.0	5	15
Ethylbenzene	U	15	1.0	5	15
Bromoform	U	15	1.0	5	15
Styrene	U	15	1.0	5	15
1,1,2,2-Tetrachloroethane	U	15	1.0	5	15
1,2,3-Trichloropropane	U	15	1.0	5	15
Isopropylbenzene	U	15	1.0	5	15
Bromobenzene	U	15	1.0	5	15
2-Chlorotoluene	U	15	1.0	5	15
N-Propylbenzene	U	15	1.0	5	15
4-Chlorotoluene	U	15	1.0	5	15

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.4

Lab ID: WT1906-1RA
Client ID: TP-101,8-10
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	15	1.0	5	15
tert-Butylbenzene	U	15	1.0	5	15
1,2,4-Trichlorobenzene	U	15	1.0	5	15
sec-Butylbenzene	U	15	1.0	5	15
1,3-Dichlorobenzene	U	15	1.0	5	15
P-Isopropyltoluene	U	15	1.0	5	15
1,4-Dichlorobenzene	U	15	1.0	5	15
1,2-Dichlorobenzene	U	15	1.0	5	15
N-Butylbenzene	U	15	1.0	5	15
1,2-Dibromo-3-Chloropropane	U	15	1.0	5	15
1,2,4-Trimethylbenzene	U	15	1.0	5	15
Naphthalene	U	15	1.0	5	15
Hexachlorobutadiene	U	15	1.0	5	15
1,2,3-Trichlorobenzene	U	15	1.0	5	15
Methyl tert-butyl ether	U	15	1.0	5	15
Acetone	U	59	1.0	20	59
2-Butanone	U	59	1.0	20	59
4-methyl-2-pentanone	U	59	1.0	20	59
2-Hexanone	U	59	1.0	20	59
m+p-Xylenes	U	30	1.0	10	30
o-Xylene	U	15	1.0	5	15
1,3,5-Trichlorobenzene	U	15	1.0	5	15
Vinyl Acetate	U	15	1.0	5	15
Carbon Disulfide	U	15	1.0	5	15
Diethyl Ether	U	15	1.0	5	15
Tetrahydrofuran	U	150	1.0	50	150
1,2-Dichloroethylene (total)	U	30	1.0	10	30
Xylenes (total)	U	44	1.0	15	44
Dibromofluoromethane		124%			
1,2-Dichloroethane-D4		126%			
Toluene-D8		111%			
P-Bromofluorobenzene		78%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 08/07/03
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.4

Lab ID: WT1906-1
Client ID: TP-101,8-10
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		10	1.0	5.0	6.8
O-Terphenyl		58%			

Data File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2090.d
Report Date: 19-Aug-2003 10:44

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2090.d
Lab Smp Id: WT1906-1 Client Smp ID: TP-101,8-10
Inj Date : 14-AUG-2003 04:04
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH13B1.B,1,WT1906-1
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH13B1.B\DROB005D.m
Meth Date : 14-Aug-2003 14:42 swilkinson Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2085.d
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

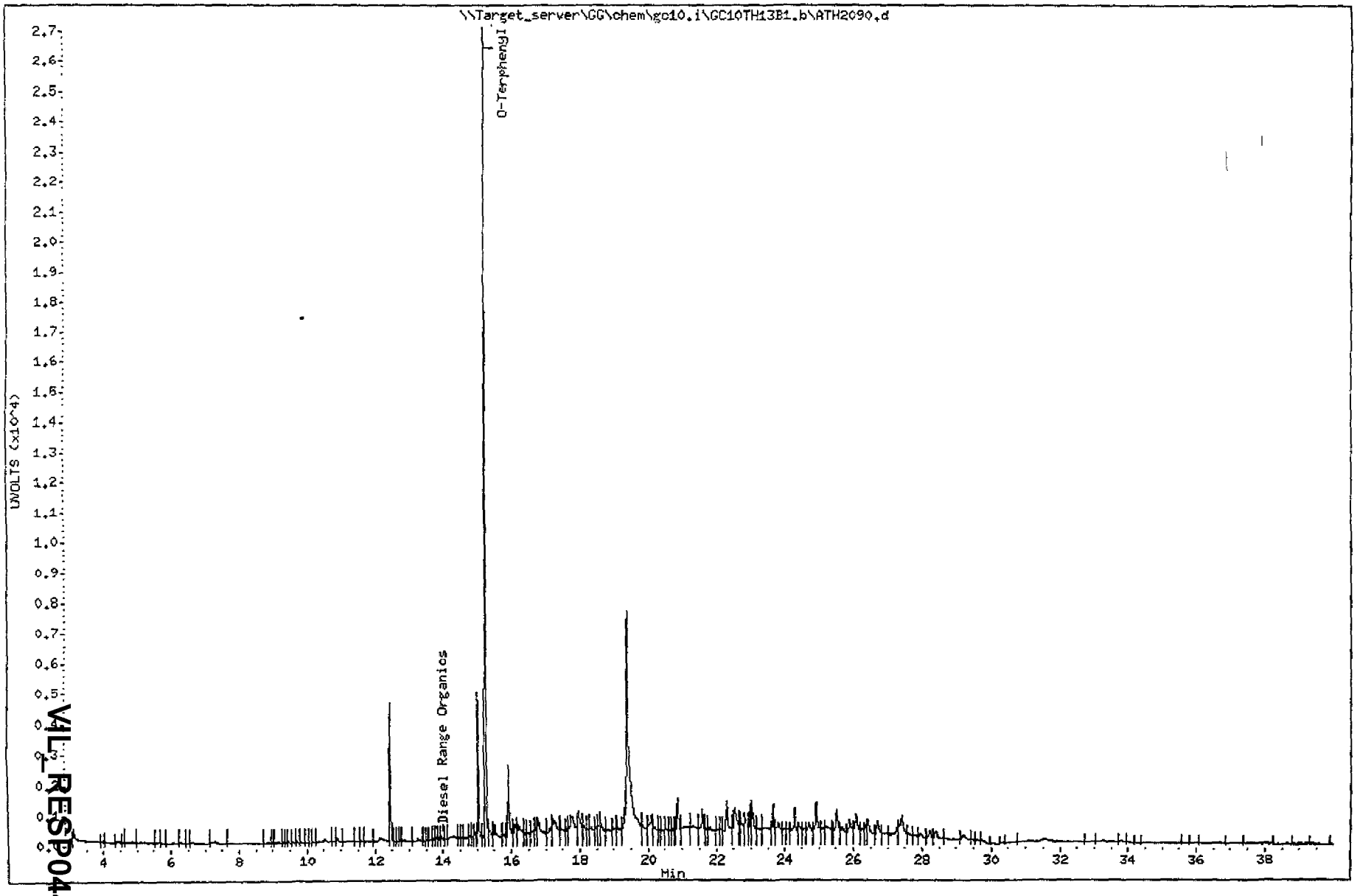
Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	26.637	Moisture (%)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 9 O-Terphenyl	15.247	15.255	-0.008	75943	11.5199	1.57
S 7 Diesel Range Organics	4.746-23.285			568654	75.6650	10.3

VIL_RESP04432

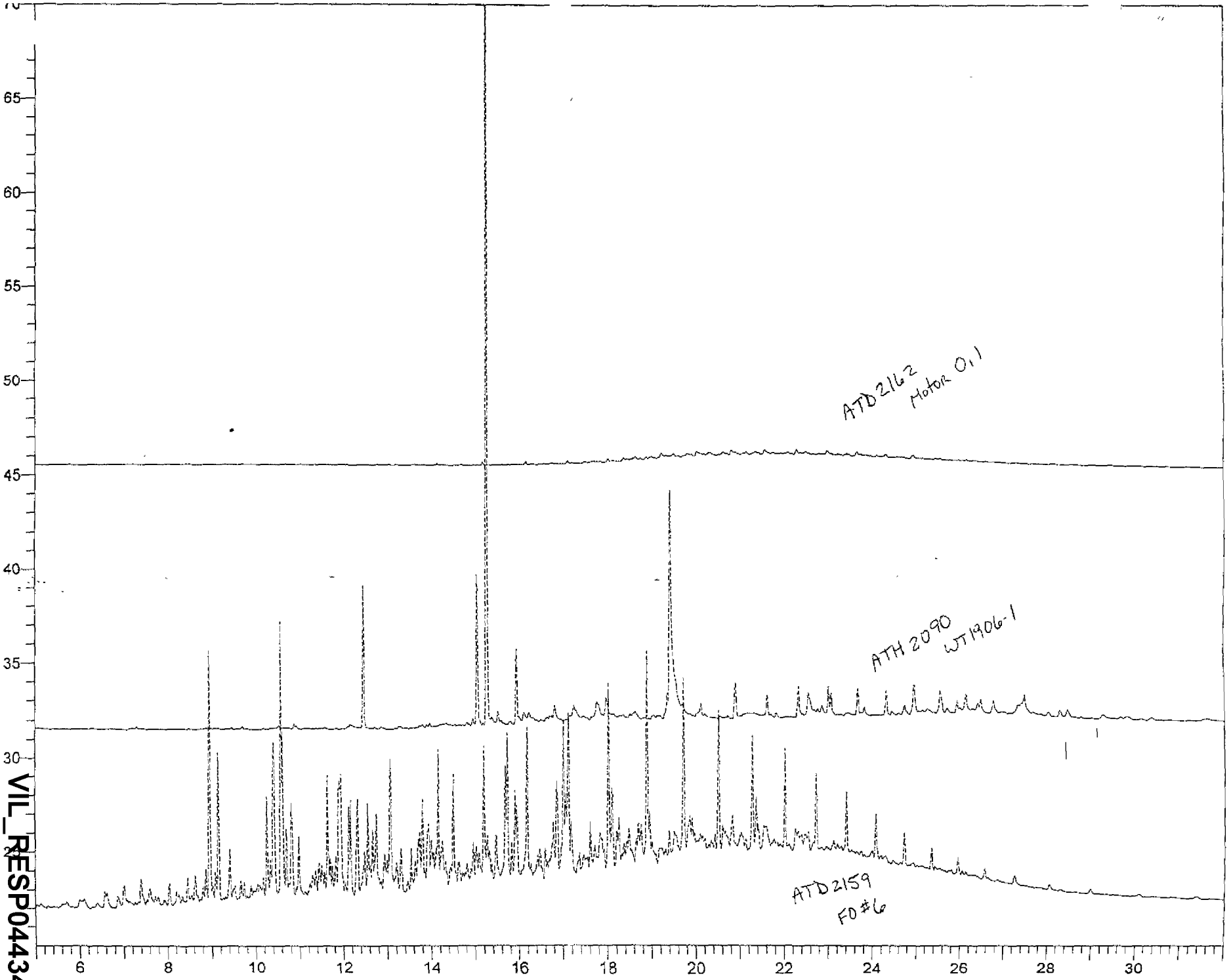
File: \\Target_server\GC\chem\gc10.i\GC10TH13B1.b\ATH2090.d
Date : 14-AUG-2003 04:04
Client ID: TP-101,8-10
Sample Info: DRCB005D.M,GC10TH13B1.B,1,WT1906-1
Purge Volume: 0.0
Column phase: ZB-1

Instrument: gc10.i
Operator: SAW
Column diameter: 0.53



VIL_RESP04433

Katahdin Analytical Services WT1906 page 0000011 of 0000137



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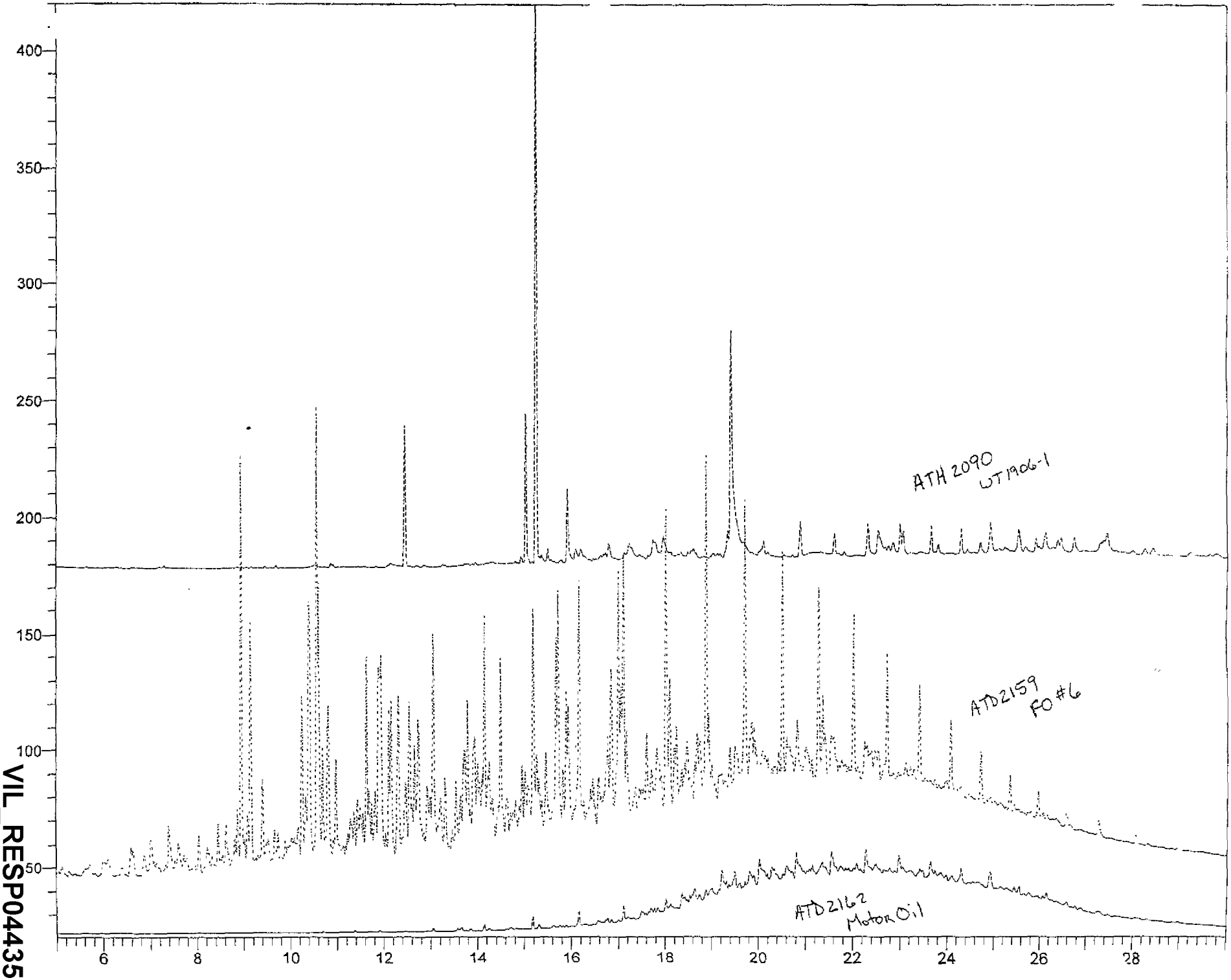
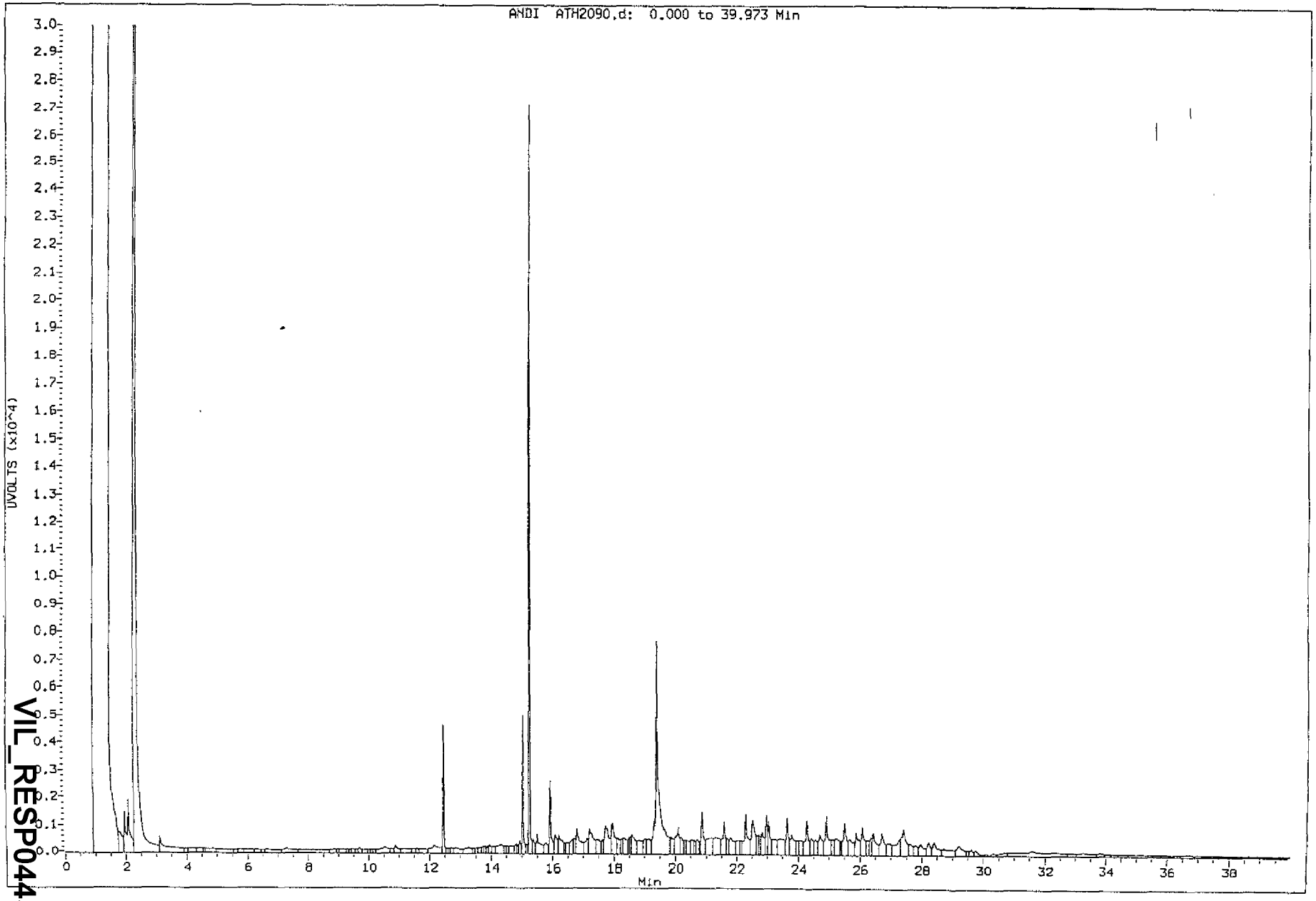


VIL_RESP0435

WT1906-1

Data File: \\Target_server\GC\chem\gc10.1\GC10TH13B1.b\ATH2090.d
Injection Date: 14-AUG-2003 04:04
Instrument: gc10.1
Client Sample ID: TP-101,8-10



VIL_RESP04436

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-1
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-101,8-10	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	73 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

340 County Road No. 5
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Tel:(207) 874-2400 Fax:(207) 775-4029

VIL_RESP04437

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample ID: WT1906-002
Report Date: 8/19/2003
PO No.: MEP03102
Project: 7 Depot Street

Sample Description	Matrix	Percent Solids(%)	Date Sampled	Date Received
TP-102,0-2	SL	92.5	08/04/2003	08/05/2003

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	16.	mg/Kg	7.	10	0.8	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
BARIUM	44.9	mg/Kg	0.44	1	0.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CADMIUM	U 8.78	mg/Kg	8.78	10	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
CHROMIUM	266.	mg/Kg	1.32	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
LEAD	150.	mg/Kg	4	10	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
MERCURY	0.067	ug/g	0.038	1	0.04	SW846 7471	8/18/03	GFB	7471	8/15/03	GFB	TH15HGS0	
SELENIUM	U 8.8	mg/Kg	8.8	10	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
SILVER	U 1.5	mg/Kg	1.3	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	

1 The laboratory's Practical Quantitation Level could not be achieved for this parameter due to sample composition, matrix effects,sample volume, or quantity used for analysis.

VIL_RESP04438

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-2
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-102,0-2	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	92 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

540 County Road No. 5
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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-3
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description
TP-103,0-2

Matrix	Date Sampled	Date Received
SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	88 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

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VIL_RESP04440

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample ID: WT1906-003
Report Date: 8/19/2003
PO No.: MEP03102
Project: 7 Depot Street

Sample Description	Matrix	Percent Solids(%)	Date Sampled	Date Received
TP-103,0-2	SL	88.2	08/04/2003	08/05/2003

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	11.	mg/Kg	4.	5	0.8	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
BARIUM	74.9	mg/Kg	0.47	1	0.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CADMIUM	U 4.69	mg/Kg	4.69	5	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
CHROMIUM	133.	mg/Kg	1.41	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
LEAD	164	mg/Kg	2.	5	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
MERCURY	0.11	ug/g	0.030	1	0.04	SW846 7471	8/18/03	GFB	7471	8/15/03	GFB	TH15HGS0	
SELENIUM	U 4.7	mg/Kg	4.7	5	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
SILVER	U 1.5	mg/Kg	1.4	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	

1 The laboratory's Practical Quantitation Level could not be achieved for this parameter due to sample composition, matrix effects,sample volume, or quantity used for analysis.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.7

Lab ID: WT1906-4RA
Client ID: TP-104,10-12
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	13	1.0	10	13
Chloromethane	U	13	1.0	10	13
Vinyl chloride	U	13	1.0	10	13
Bromomethane	U	13	1.0	10	13
Chloroethane	U	13	1.0	10	13
Trichlorofluoromethane		70	1.0	10	13
1,1-Dichloroethene	U	6	1.0	5	6
Methylene Chloride		7	1.0	5	6
trans-1,2-Dichloroethene	U	6	1.0	5	6
1,1-Dichloroethane	U	6	1.0	5	6
cis-1,2-Dichloroethene	U	6	1.0	5	6
2,2-Dichloropropane	U	6	1.0	5	6
Chloroform	U	6	1 0	5	6
Bromochloromethane	U	6	1.0	5	6
1,1,1-Trichloroethane	U	6	1.0	5	6
1,2-Dichloroethane	U	6	1.0	5	6
1,1-Dichloropropene	U	6	1.0	5	6
Carbon Tetrachloride	U	6	1.0	5	6
Benzene	U	6	1.0	5	6
1,2-Dichloropropane	U	6	1.0	5	6
Trichloroethene	U	6	1.0	5	6
Dibromomethane	U	6	1.0	5	6
Bromodichloromethane	U	6	1.0	5	6
cis-1,3-dichloropropene	U	6	1.0	5	6
Toluene	U	6	1.0	5	6
trans-1,3-Dichloropropene	U	6	1.0	5	6
1,1,2-Trichloroethane	U	6	1.0	5	6
1,3-Dichloropropane	U	6	1.0	5	6
Dibromochloromethane	U	6	1.0	5	6
Tetrachloroethene	U	6	1.0	5	6
1,2-Dibromoethane	U	6	1.0	5	6
Chlorobenzene	U	6	1.0	5	6
1,1,1,2-Tetrachloroethane	U	6	1.0	5	6
Ethylbenzene	U	6	1.0	5	6
Bromoform	U	6	1.0	5	6
Styrene	U	6	1.0	5	6
1,1,2,2-Tetrachloroethane	U	6	1.0	5	6
1,2,3-Trichloropropane	U	6	1.0	5	6
Isopropylbenzene	U	6	1.0	5	6
Bromobenzene	U	6	1.0	5	6
2-Chlorotoluene	U	6	1.0	5	6
N-Propylbenzene	U	6	1.0	5	6
4-Chlorotoluene	U	6	1.0	5	6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.7

Lab ID: WT1906-4RA
Client ID: TP-104,10-12
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	6	1.0	5	6
tert-Butylbenzene	U	6	1.0	5	6
1,2,4-Trichlorobenzene	U	6	1.0	5	6
sec-Butylbenzene	U	6	1.0	5	6
1,3-Dichlorobenzene	U	6	1.0	5	6
P-Isopropyltoluene	U	6	1.0	5	6
1,4-Dichlorobenzene	U	6	1.0	5	6
1,2-Dichlorobenzene	U	6	1.0	5	6
N-Butylbenzene	U	6	1.0	5	6
1,2-Dibromo-3-Chloropropane	U	6	1.0	5	6
1,2,4-Trimethylbenzene	U	6	1.0	5	6
Naphthalene	U	6	1.0	5	6
Hexachlorobutadiene	U	6	1.0	5	6
1,2,3-Trichlorobenzene	U	6	1.0	5	6
Methyl tert-butyl ether	U	6	1.0	5	6
Acetone	U	26	1.0	20	26
2-Butanone	U	26	1.0	20	26
4-methyl-2-pentanone	U	26	1.0	20	26
2-Hexanone	U	26	1.0	20	26
m+p-Xylenes	U	13	1.0	10	13
o-Xylene	U	6	1.0	5	6
1,3,5-Trichlorobenzene	U	6	1.0	5	6
Vinyl Acetate	U	6	1.0	5	6
Carbon Disulfide	U	6	1.0	5	6
Diethyl Ether	U	6	1.0	5	6
Tetrahydrofuran	U	66	1 0	50	66
1,2-Dichloroethylene (total)	U	13	1.0	10	13
Xylenes (total)	U	20	1.0	15	20
Dibromofluoromethane		108%			
1,2-Dichloroethane-D4		107%			
Toluene-D8		106%			
P-Bromofluorobenzene		94%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 08/07/03
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 73.7

Lab ID: WT1906-4
Client ID: TP-104,10-12
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics	U	6.8	1.0	5.0	6.8
O-Terphenyl		49%			

Page 01 of 01 ATH2091.d

Data File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2091.d
Report Date: 19-Aug-2003 10:44

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2091.d
Lab Smp Id: WT1906-4 Client Smp ID: TP-104,10-12
Inj Date : 14-AUG-2003 04:53
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH13B1.B,1,WT1906-4
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH13B1.B\DROB005D.m
Meth Date : 14-Aug-2003 14:42 swilkinson Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2085.d
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

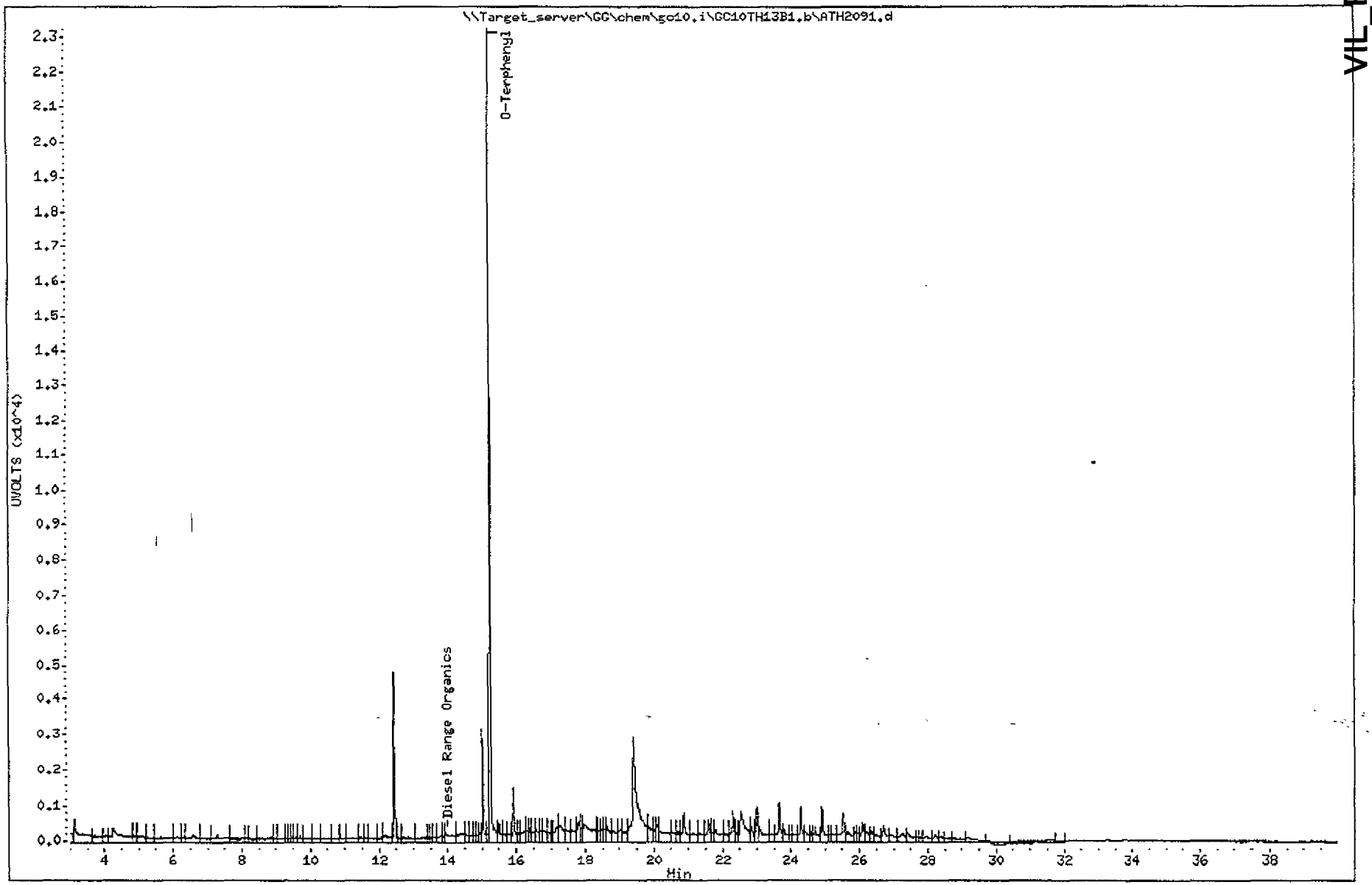
Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	26.333	Moisture (%)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 9 O-Terphenyl	15.243	15.255	-0.012	65643	9.84804	1.34

VIL_RESP04445

Data File: \\Target_server\GC\chem\gc10.i\GC10TH13B1.b\ATH2091.d
Date : 14-AUG-2003 04:53
Client ID: TP-104,10-12
Sample Info: DROB005D.M,GC10TH13B1.B,1,WT1906-4
Purge Volume: 0.0
Column phase: ZB-1

Instrument: gc10.i
Operator: SAW
Column diameter: 0.53



VIL_RESP04446

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-4
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-104,10-12	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	74 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample ID: WT1906-005
Report Date: 8/19/2003
PO No.: MEP03102
Project: 7 Depot Street

Sample Description	Matrix	Percent Solids(%)	Date Sampled	Date Received
TP-107,2-4	SL	84.2	08/04/2003	08/05/2003

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	3.4	mg/Kg	0.8	1	0.8	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
BARIUM	86.7	mg/Kg	0.53	1	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CADMIUM	U 1.06	mg/Kg	1.06	1	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
CHROMIUM	17.6	mg/Kg	1.59	1	1.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
LEAD	24.0	mg/Kg	0.5	1	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
MERCURY	0.080	ug/g	0.051	1	0.04	SW846 7471	8/18/03	GFB	7471	8/15/03	GFB	TH15HGS0	
SELENIUM	U 1.1	mg/Kg	1.1	1	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
SILVER	U 1.6	mg/Kg	1.6	1	1.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1

1 The laboratory's Practical Quantitation Level could not be achieved for this parameter due to sample composition, matrix effects, sample volume, or quantity used for analysis.

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-5
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-107,2-4	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	84 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

240 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
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http://katahdinlab.com
sales@katahdinlab.com

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample ID: WT1906-006
Report Date: 8/19/2003
PO No.: MEP03102
Project: 7 Depot Street

Sample Description	Matrix	Percent Solids(%)	Date Sampled	Date Received
TP-102,4-6	SL	84.0	08/04/2003	08/05/2003

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	5.4	mg/Kg	0.8	1	0.8	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
BARIUM	98.4	mg/Kg	0.49	1	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CADMIUM	U 1.00	mg/Kg	0.984	1	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CHROMIUM	6.75	mg/Kg	1.48	1	1.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
LEAD	11.7	mg/Kg	0.5	1	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
MERCURY	U 0.048	ug/g	0.048	1	0.04	SW846 7471	8/18/03	GFB	7471	8/15/03	GFB	TH15HGS0	1
SELENIUM	U 1.0	mg/Kg	0.98	1	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
SILVER	U 1.5	mg/Kg	1.5	1	1.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	

1 The laboratory's Practical Quantitation Level could not be achieved for this parameter due to sample composition, matrix effects,sample volume, or quantity used for analysis.

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-6
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-102,4-6	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	84 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

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VIL_RESP04451

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 01/20/03
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 79.9

Lab ID: WT1906-7
Client ID: TP-107,8-10
SDG: WT1906
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: JLP
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	11	1.0	10	11
Chloromethane	U	11	1.0	10	11
Vinyl chloride	U	11	1.0	10	11
Bromomethane	U	11	1.0	10	11
Chloroethane	U	11	1.0	10	11
Trichlorofluoromethane		68	1.0	10	11
1,1-Dichloroethene	U	6	1.0	5	6
Methylene Chloride		10	1.0	5	6
trans-1,2-Dichloroethene	U	6	1.0	5	6
1,1-Dichloroethane	U	6	1.0	5	6
cis-1,2-Dichloroethene	U	6	1.0	5	6
2,2-Dichloropropane	U	6	1.0	5	6
Chloroform	U	6	1.0	5	6
Bromochloromethane	U	6	1.0	5	6
1,1,1-Trichloroethane	U	6	1.0	5	6
1,2-Dichloroethane	U	6	1.0	5	6
1,1-Dichloropropene	U	6	1.0	5	6
Carbon Tetrachloride	U	6	1.0	5	6
Benzene	U	6	1.0	5	6
1,2-Dichloropropane	U	6	1.0	5	6
Trichloroethene	U	6	1.0	5	6
Dibromomethane	U	6	1.0	5	6
Bromodichloromethane	U	6	1.0	5	6
cis-1,3-dichloropropene	U	6	1.0	5	6
Toluene	U	6	1.0	5	6
trans-1,3-Dichloropropene	U	6	1.0	5	6
1,1,2-Trichloroethane	U	6	1.0	5	6
1,3-Dichloropropane	U	6	1.0	5	6
Dibromochloromethane	U	6	1.0	5	6
Tetrachloroethene	U	6	1.0	5	6
1,2-Dibromoethane	U	6	1.0	5	6
Chlorobenzene	U	6	1.0	5	6
1,1,1,2-Tetrachloroethane	U	6	1.0	5	6
Ethylbenzene	U	6	1.0	5	6
Bromoform	U	6	1.0	5	6
Styrene	U	6	1.0	5	6
1,1,2,2-Tetrachloroethane	U	6	1.0	5	6
1,2,3-Trichloropropane	U	6	1.0	5	6
Isopropylbenzene	U	6	1.0	5	6
Bromobenzene	U	6	1.0	5	6
2-Chlorotoluene	U	6	1.0	5	6
N-Propylbenzene	U	6	1.0	5	6
4-Chlorotoluene	U	6	1.0	5	6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 01/20/03
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids. 79.9

Lab ID: WT1906-7
Client ID: TP-107,8-10
SDG: WT1906
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: JLP
Analysis Method: SW846 8260B
Lab Prep Batch. WG3160
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	6	1.0	5	6
tert-Butylbenzene	U	6	1.0	5	6
1,2,4-Trichlorobenzene	U	6	1.0	5	6
sec-Butylbenzene	U	6	1.0	5	6
1,3-Dichlorobenzene	U	6	1.0	5	6
P-Isopropyltoluene	U	6	1.0	5	6
1,4-Dichlorobenzene	U	6	1.0	5	6
1,2-Dichlorobenzene	U	6	1.0	5	6
N-Butylbenzene	U	6	1.0	5	6
1,2-Dibromo-3-Chloropropane	U	6	1.0	5	6
1,2,4-Trimethylbenzene	U	6	1.0	5	6
Naphthalene	U	6	1.0	5	6
Hexachlorobutadiene	U	6	1.0	5	6
1,2,3-Trichlorobenzene	U	6	1.0	5	6
Methyl tert-butyl ether	U	6	1.0	5	6
Acetone	U	23	1.0	20	23
2-Butanone	U	23	1.0	20	23
4-methyl-2-pentanone	U	23	1.0	20	23
2-Hexanone	U	23	1.0	20	23
m+p-Xylenes	U	11	1.0	10	11
o-Xylene	U	6	1.0	5	6
1,3,5-Trichlorobenzene	U	6	1.0	5	6
Vinyl Acetate	U	6	1.0	5	6
Carbon Disulfide	U	6	1.0	5	6
Diethyl Ether	U	6	1.0	5	6
Tetrahydrofuran	U	56	1.0	50	56
1,2-Dichloroethylene (total)	U	11	1.0	10	11
Xylenes (total)	U	17	1.0	15	17
Dibromofluoromethane		96%			
1,2-Dichloroethane-D4		94%			
Toluene-D8		88%			
P-Bromofluorobenzene		* 58%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 79.9

Lab ID: WT1906-7RA
Client ID: TP-107,8-10
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	13	1.0	10	13
Chloromethane	U	13	1.0	10	13
Vinyl chloride	U	13	1.0	10	13
Bromomethane	U	13	1.0	10	13
Chloroethane	U	13	1.0	10	13
Trichlorofluoromethane		42	1.0	10	13
1,1-Dichloroethene	U	7	1.0	5	7
Methylene Chloride	U	7	1.0	5	7
trans-1,2-Dichloroethene	U	7	1.0	5	7
1,1-Dichloroethane	U	7	1.0	5	7
cis-1,2-Dichloroethene	U	7	1.0	5	7
2,2-Dichloropropane	U	7	1.0	5	7
Chloroform	U	7	1.0	5	7
Bromochloromethane	U	7	1.0	5	7
1,1,1-Trichloroethane	U	7	1.0	5	7
1,2-Dichloroethane	U	7	1.0	5	7
1,1-Dichloropropene	U	7	1.0	5	7
Carbon Tetrachloride	U	7	1.0	5	7
Benzene	U	7	1.0	5	7
1,2-Dichloropropane	U	7	1.0	5	7
Trichloroethene	U	7	1.0	5	7
Dibromomethane	U	7	1.0	5	7
Bromodichloromethane	U	7	1.0	5	7
cis-1,3-dichloropropene	U	7	1.0	5	7
Toluene	U	7	1.0	5	7
trans-1,3-Dichloropropene	U	7	1.0	5	7
1,1,2-Trichloroethane	U	7	1.0	5	7
1,3-Dichloropropane	U	7	1.0	5	7
Dibromochloromethane	U	7	1.0	5	7
Tetrachloroethene	U	7	1.0	5	7
1,2-Dibromoethane	U	7	1.0	5	7
Chlorobenzene	U	7	1.0	5	7
1,1,1,2-Tetrachloroethane	U	7	1.0	5	7
Ethylbenzene	U	7	1.0	5	7
Bromoform	U	7	1.0	5	7
Styrene	U	7	1.0	5	7
1,1,2,2-Tetrachloroethane	U	7	1.0	5	7
1,2,3-Trichloropropane	U	7	1.0	5	7
Isopropylbenzene	U	7	1.0	5	7
Bromobenzene	U	7	1.0	5	7
2-Chlorotoluene	U	7	1.0	5	7
N-Propylbenzene	U	7	1.0	5	7
4-Chlorotoluene	U	7	1.0	5	7

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 79.9

Lab ID: WT1906-7RA
Client ID: TP-107,8-10
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	7	1.0	5	7
tert-Butylbenzene	U	7	1.0	5	7
1,2,4-Trichlorobenzene	U	7	1.0	5	7
sec-Butylbenzene	U	7	1.0	5	7
1,3-Dichlorobenzene	U	7	1.0	5	7
P-Isopropyltoluene	U	7	1.0	5	7
1,4-Dichlorobenzene	U	7	1.0	5	7
1,2-Dichlorobenzene	U	7	1.0	5	7
N-Butylbenzene	U	7	1.0	5	7
1,2-Dibromo-3-Chloropropane	U	7	1.0	5	7
1,2,4-Trimethylbenzene	U	7	1.0	5	7
Naphthalene	U	7	1.0	5	7
Hexachlorobutadiene	U	7	1.0	5	7
1,2,3-Trichlorobenzene	U	7	1.0	5	7
Methyl tert-butyl ether	U	7	1.0	5	7
Acetone	U	27	1.0	20	27
2-Butanone	U	27	1.0	20	27
4-methyl-2-pentanone	U	27	1.0	20	27
2-Hexanone	U	27	1.0	20	27
m+p-Xylenes	U	13	1.0	10	13
o-Xylene	U	7	1.0	5	7
1,3,5-Trichlorobenzene	U	7	1.0	5	7
Vinyl Acetate	U	7	1.0	5	7
Carbon Disulfide	U	7	1.0	5	7
Diethyl Ether	U	7	1.0	5	7
Tetrahydrofuran	U	67	1.0	50	67
1,2-Dichloroethylene (total)	U	13	1.0	10	13
Xylenes (total)	U	20	1.0	15	20
Dibromofluoromethane		72%			
1,2-Dichloroethane-D4		90%			
Toluene-D8		* 64%			
P-Bromofluorobenzene		68%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 08/07/03
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 79.9

Lab ID: WT1906-7
Client ID: TP-107,8-10
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		9.2	1.0	5.0	6.2
O-Terphenyl		57%			

Page 01 of 01 ATH2092.d

VIL_RESP04456

Data File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2092.d
Report Date: 19-Aug-2003 10:44

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2092.d
Lab Smp Id: WT1906-7 Client Smp ID: TP-107,8-10
Inj Date : 14-AUG-2003 05:42
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH13B1.B,1,WT1906-7
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH13B1.B\DROB005D.m
Meth Date : 14-Aug-2003 14:42 swilkinson Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2085.d
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

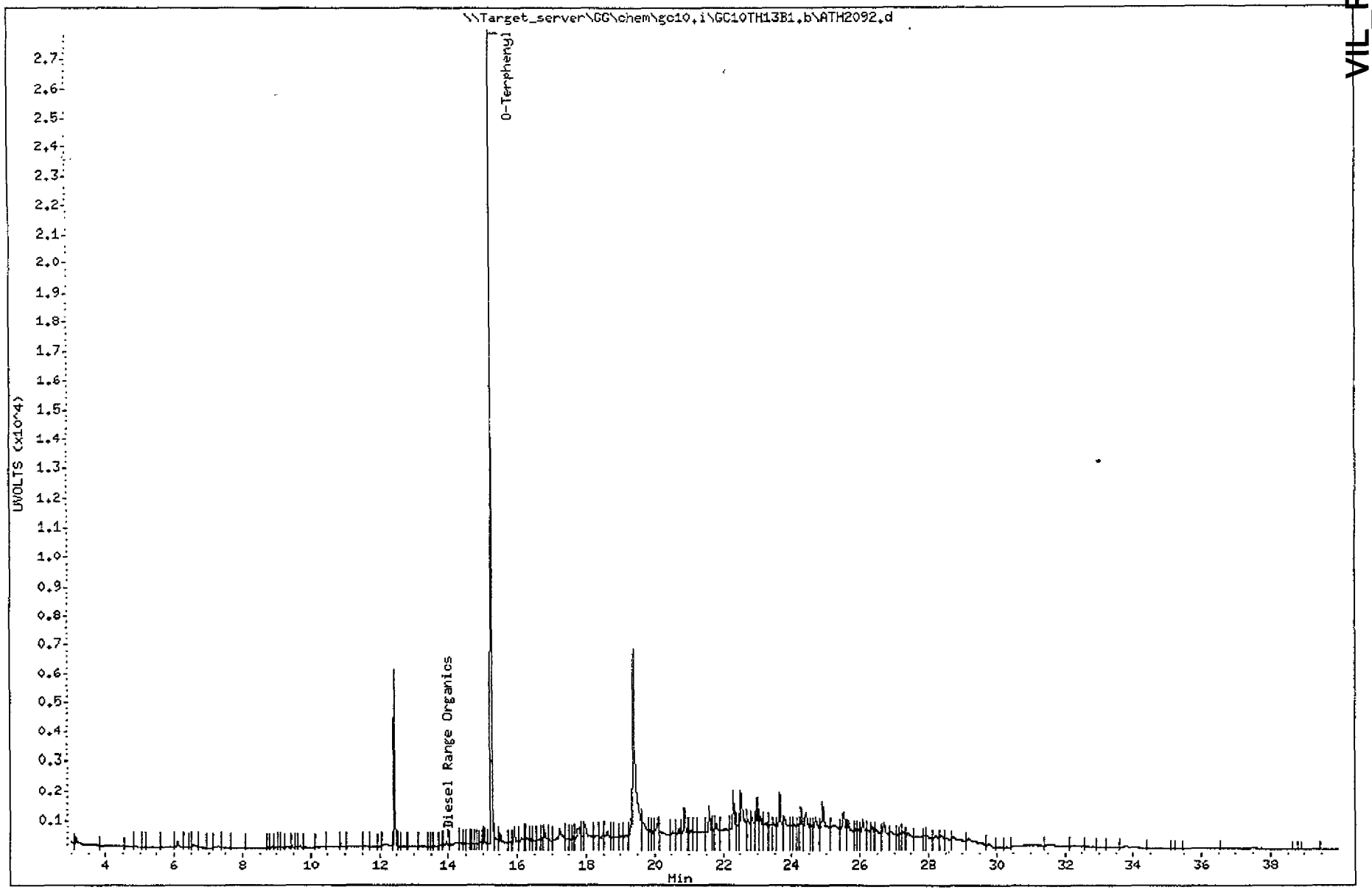
Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	20.103	Moisture (%)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 9 O-Terphenyl	15.243	15.255	-0.012	75115	11.3855	1.42
S 7 Diesel Range Organics	4.746-23.285			557761	73.6150	9.21

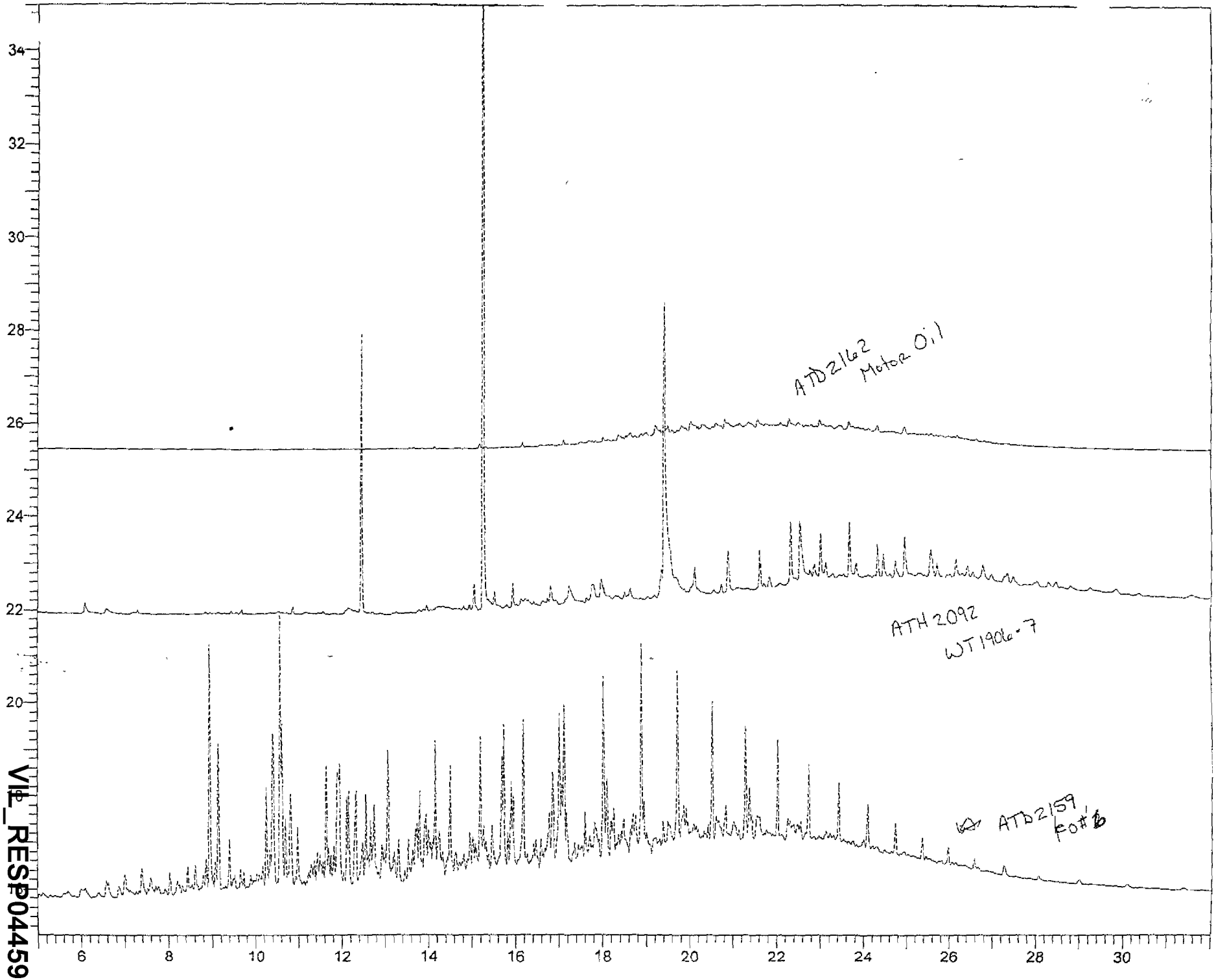
VIL_RESP04457

Data File: \\Target_server\GC\chem\gc10.i\GC10TH13B1.b\ATH2092.d
Date : 14-AUG-2003 05:42
Client ID: TP-107,8-10
Sample Info: DROB005D.M,GC10TH13B1.B,1,WT1906-7
Purge Volume: 0.0
Column phase: ZB-1

Instrument: gc10.i
Operator: SAW
Column diameter: 0.53



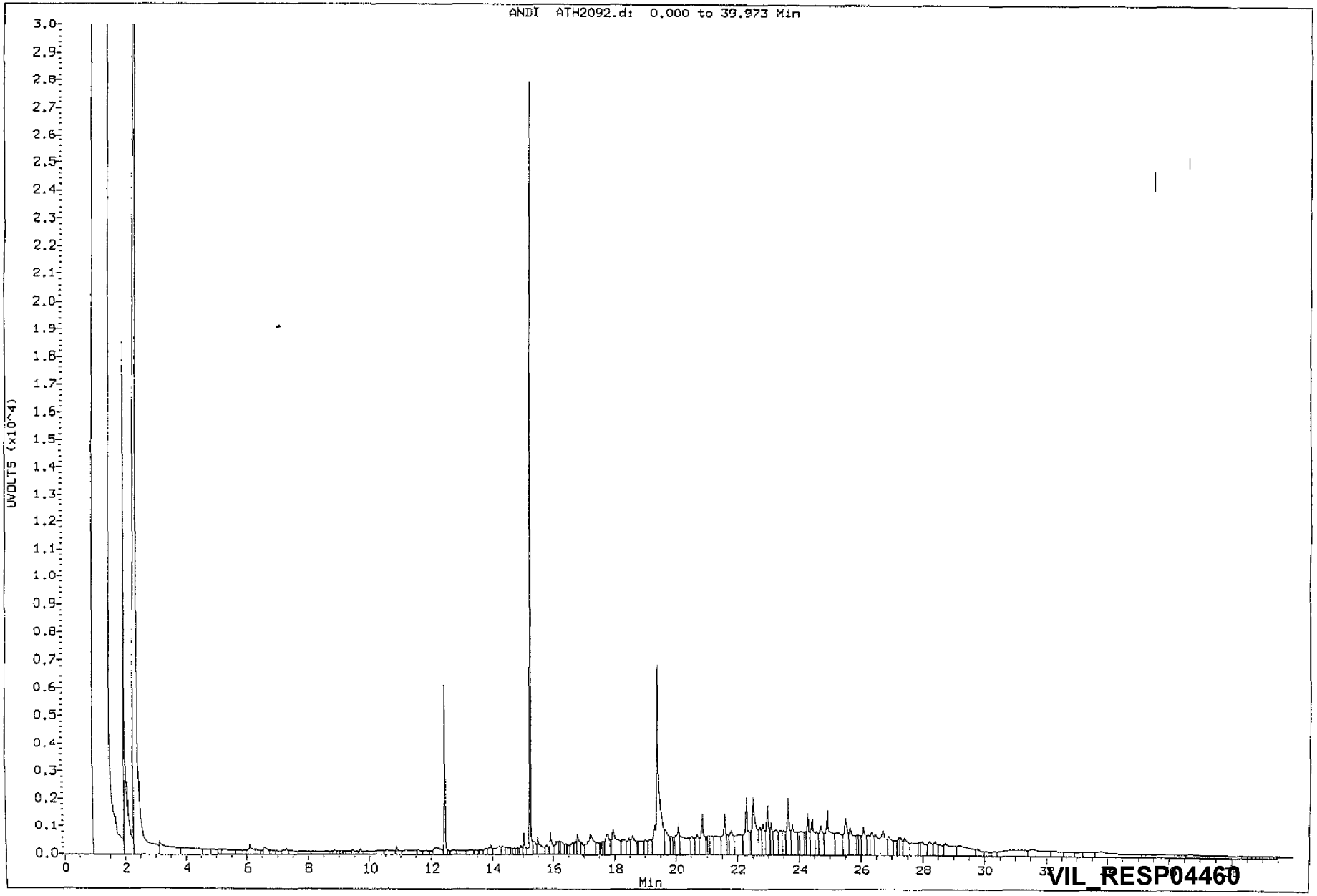
VIL_RESP04458
Katahdin Analytical Services WT1906 page 0000036 of 0000137



VIL_RESP04459

WT1906-7

Data File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2092.d
Injection Date: 14-AUG-2003 05:42
Instrument: gc10.i
Client Sample ID: TP-107,8-10



VIL_RESP04460

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-7
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-107,8-10	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	80 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

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Tel:(207) 874-2400 Fax:(207) 775-4029

sales@katahdinlab.com

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample ID: WT1906-008
Report Date: 8/19/2003
PO No.: MEP03102
Project: 7 Depot Street

Sample Description	Matrix	Percent Solids(%)	Date Sampled	Date Received
TP-110,0-2	SL	90.3	08/04/2003	08/05/2003

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	16.0	mg/Kg	0.7	1	0.8	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
BARIUM	80.7	mg/Kg	0.46	1	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CADMIUM	U 1.00	mg/Kg	0.923	1	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CHROMIUM	16.4	mg/Kg	1.38	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
LEAD	48.7	mg/Kg	0.5	1	0.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
MERCURY	0.070	ug/g	0.037	1	0.04	SW846 7471	8/18/03	GFB	7471	8/15/03	GFB	TH15HGS0	
SELENIUM	U 1.0	mg/Kg	0.92	1	1	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
SILVER	U 1.5	mg/Kg	1.4	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-8
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description
TP-110,0-2

Matrix	Date Sampled	Date Received
SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	90 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

10 County Road No. 5
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Tel.(207) 874-2400 Fax:(207) 775-4029
http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 83.7

Lab ID: WT1906-9
Client ID: TP-111,2-4
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	13	1.0	10	13
Chloromethane	U	13	1.0	10	13
Vinyl chloride	U	13	1.0	10	13
Bromomethane	U	13	1.0	10	13
Chloroethane	U	13	1.0	10	13
Trichlorofluoromethane		61	1.0	10	13
1,1-Dichloroethene	U	6	1.0	5	6
Methylene Chloride	U	6	1.0	5	6
trans-1,2-Dichloroethene	U	6	1.0	5	6
1,1-Dichloroethane	U	6	1.0	5	6
cis-1,2-Dichloroethene	U	6	1.0	5	6
2,2-Dichloropropane	U	6	1.0	5	6
Chloroform	U	6	1.0	5	6
Bromochloromethane	U	6	1.0	5	6
1,1,1-Trichloroethane	U	6	1.0	5	6
1,2-Dichloroethane	U	6	1.0	5	6
1,1-Dichloropropene	U	6	1.0	5	6
Carbon Tetrachloride	U	6	1.0	5	6
Benzene	U	6	1.0	5	6
1,2-Dichloropropane	U	6	1.0	5	6
Trichloroethene	U	6	1.0	5	6
Dibromomethane	U	6	1.0	5	6
Bromodichloromethane	U	6	1.0	5	6
cis-1,3-dichloropropene	U	6	1.0	5	6
Toluene	U	6	1.0	5	6
trans-1,3-Dichloropropene	U	6	1.0	5	6
1,1,2-Trichloroethane	U	6	1.0	5	6
1,3-Dichloropropane	U	6	1.0	5	6
Dibromochloromethane	U	6	1.0	5	6
Tetrachloroethene	U	6	1.0	5	6
1,2-Dibromoethane	U	6	1.0	5	6
Chlorobenzene	U	6	1.0	5	6
1,1,1,2-Tetrachloroethane	U	6	1.0	5	6
Ethylbenzene	U	6	1.0	5	6
Bromoform	U	6	1.0	5	6
Styrene	U	6	1.0	5	6
1,1,2,2-Tetrachloroethane	U	6	1.0	5	6
1,2,3-Trichloropropane	U	6	1.0	5	6
Isopropylbenzene	U	6	1.0	5	6
Bromobenzene	U	6	1.0	5	6
2-Chlorotoluene	U	6	1.0	5	6
N-Propylbenzene	U	6	1.0	5	6
4-Chlorotoluene	U	6	1.0	5	6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 83.7

Lab ID: WT1906-9
Client_ID: TP-111,2-4
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	6	1.0	5	6
tert-Butylbenzene	U	6	1.0	5	6
1,2,4-Trichlorobenzene	U	6	1.0	5	6
sec-Butylbenzene	U	6	1.0	5	6
1,3-Dichlorobenzene	U	6	1.0	5	6
P-Isopropyltoluene	U	6	1.0	5	6
1,4-Dichlorobenzene	U	6	1.0	5	6
1,2-Dichlorobenzene	U	6	1.0	5	6
N-Butylbenzene	U	6	1.0	5	6
1,2-Dibromo-3-Chloropropane	U	6	1.0	5	6
1,2,4-Trimethylbenzene	U	6	1.0	5	6
Naphthalene	U	6	1.0	5	6
Hexachlorobutadiene	U	6	1.0	5	6
1,2,3-Trichlorobenzene	U	6	1.0	5	6
Methyl tert-butyl ether	U	6	1.0	5	6
Acetone	U	26	1.0	20	26
2-Butanone	U	26	1.0	20	26
4-methyl-2-pentanone	U	26	1.0	20	26
2-Hexanone	U	26	1.0	20	26
m+p-Xylenes	U	13	1.0	10	13
o-Xylene	U	6	1.0	5	6
1,3,5-Trichlorobenzene	U	6	1.0	5	6
Vinyl Acetate	U	6	1.0	5	6
Carbon Disulfide	U	6	1.0	5	6
Diethyl Ether	U	6	1.0	5	6
Tetrahydrofuran	U	65	1.0	50	65
1,2-Dichloroethylene (total)	U	13	1.0	10	13
Xylenes (total)	U	20	1.0	15	20
Dibromofluoromethane		79%			
1,2-Dichloroethane-D4		79%			
Toluene-D8		80%			
P-Bromofluorobenzene		68%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 08/07/03
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 83.7

Lab ID: WT1906-9
Client ID: TP-111,2-4
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		29	1.0	5.0	6.0
O-Terphenyl		55%			

Data File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2093.d
Report Date: 19-Aug-2003 10:44

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2093.d
Lab Smp Id: WT1906-9 Client Smp ID: TP-111,2-4
Inj Date : 14-AUG-2003 06:31
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH13B1.B,1,WT1906-9
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH13B1.B\DROB005D.m
Meth Date : 14-Aug-2003 14:42 swilkinson Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2085.d
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	16.325	Moisture (%)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
$ 9 O-Terphenyl	15.240	15.255	-0.015	73306	11.0919	1.32(M)
S 7 Diesel Range Organics	4.746-23.285			1445197	240.631	28.8(M)

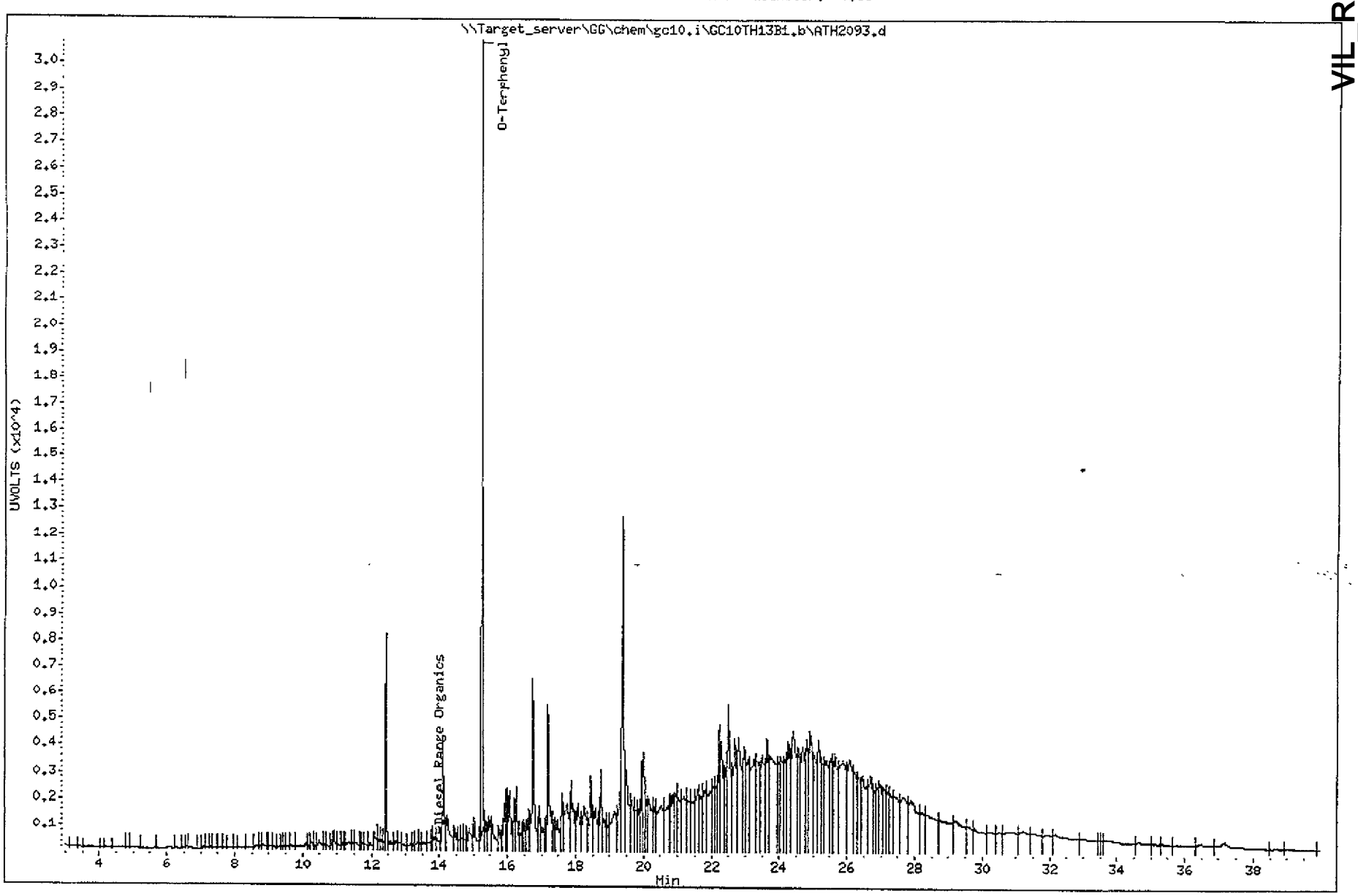
QC Flag Legend

M - Compound response manually integrated.

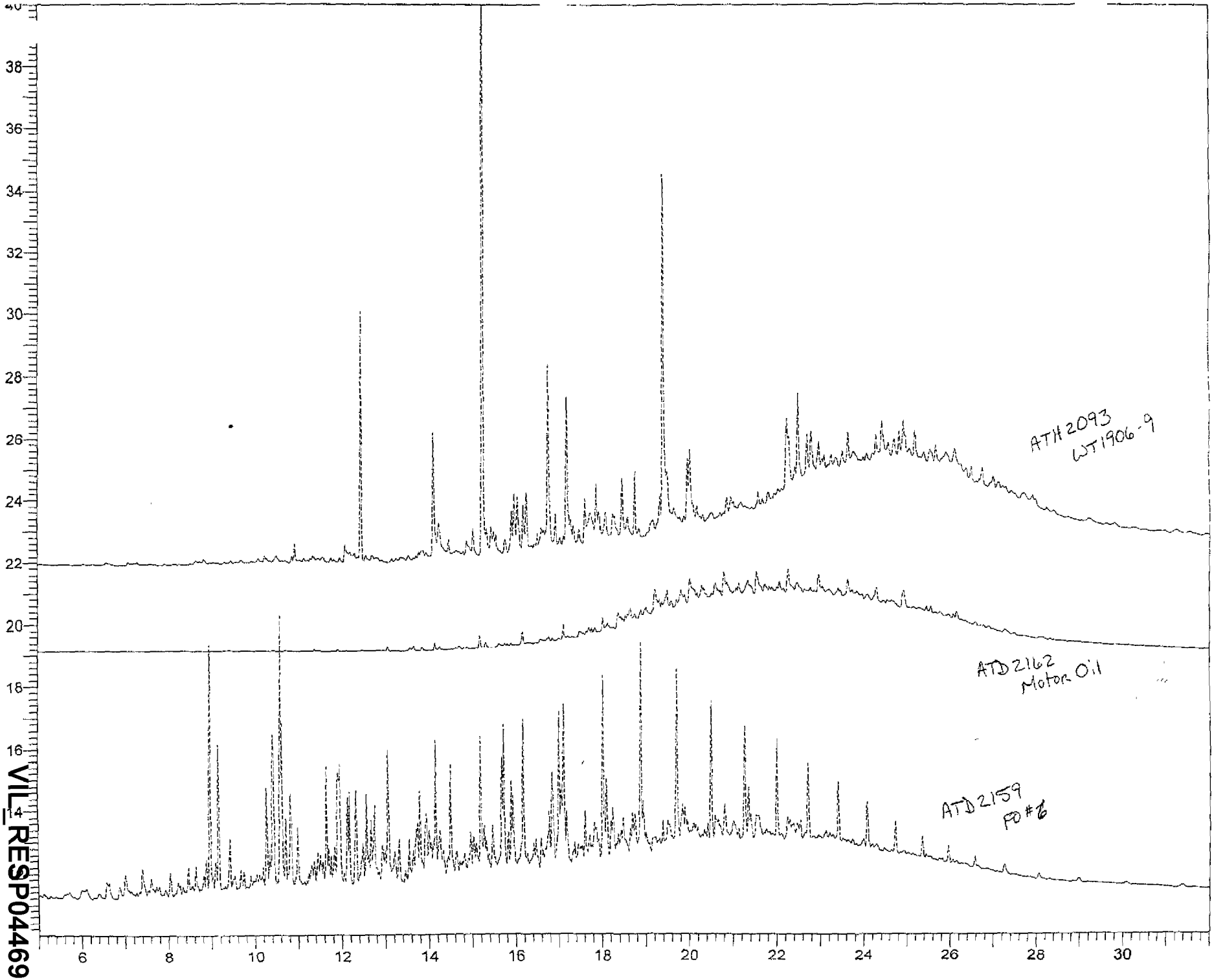
VIL_RESP04467

Data File: \\Target_server\GC\chem\gc10.i\GC10TH13B1.b\ATH2093.d
Date : 14-AUG-2003 06:31
Client ID: TP-111,2-4
Sample Info: DROB005D.M,GC10TH13B1.B,1,WT1906-9
Purge Volume: 0.0
Column phase: ZB-1

Instrument: gc10.i
Operator: SAW
Column diameter: 0.53



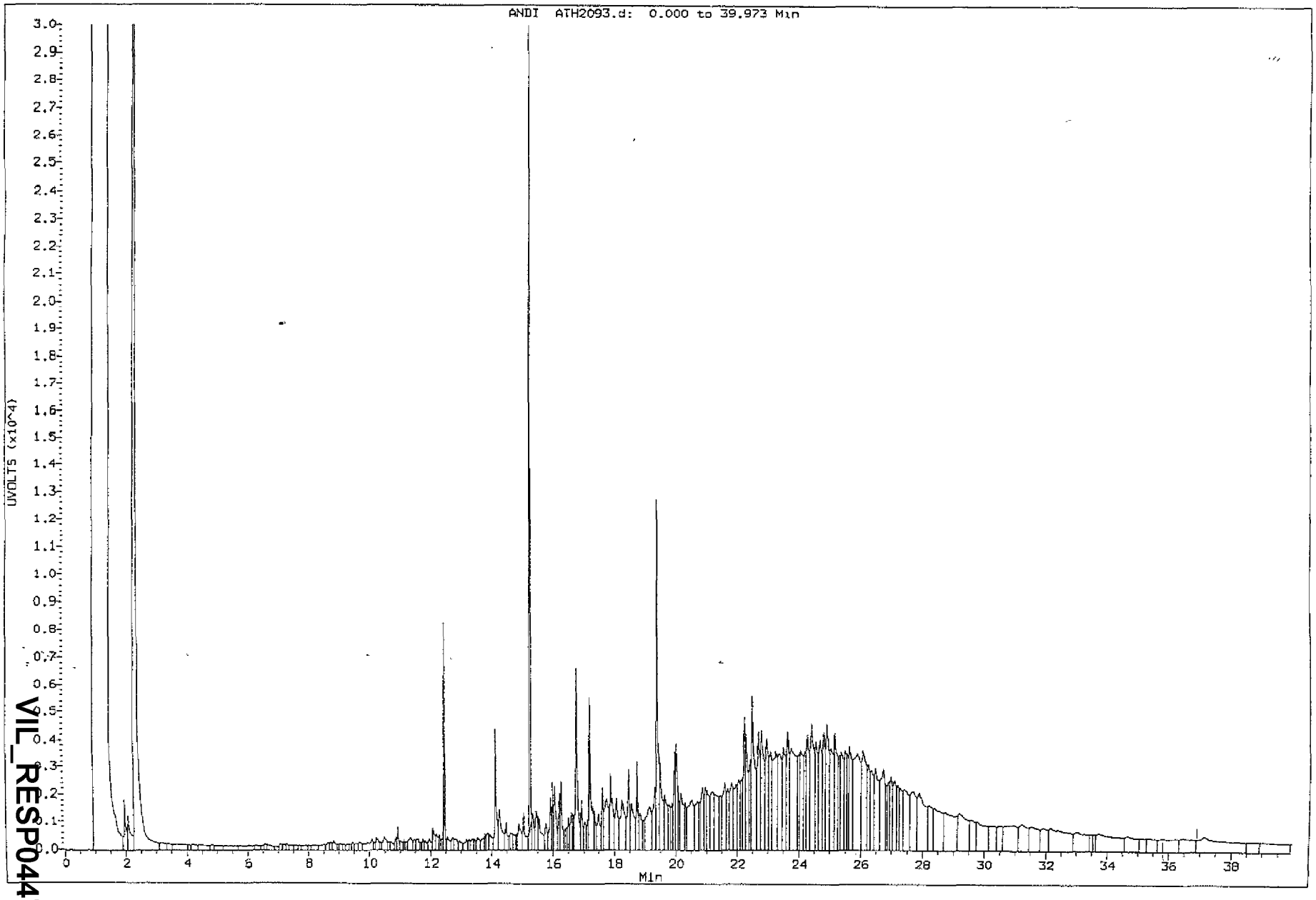
VIL_RESP04468



VIL_RESP04469

WT1906-9

Data File: \\Target_server\GC\chem\gc10.i\GC10TH13B1.b\ATH2093.d
Injection Date: 14-AUG-2003 06:31
Instrument: gc10.i
Client Sample ID: TP-111.2-4



VIL_RESP04470

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-9
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-111,2-4	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	84 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

40 County Road No 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax (207) 775-4029
sales@katahdinlab.com

Katahdin ANALYTICAL SERVICES

REPORT OF ANALYTICAL RESULTS

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample ID: WT1906-010
Report Date: 8/19/2003
PO No.: MEP03102
Project: 7 Depot Street

Sample Description	Matrix	Percent Solids(%)	Date Sampled	Date Received
TP-112,0-2	SL	78.6	08/04/2003	08/05/2003

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ARSENIC	22.	mg/Kg	2.	2	0.8	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
BARIUM	251.	mg/Kg	0.55	1	0.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
CADMIUM	U 2.21	mg/Kg	2.21	2	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
CHROMIUM	54.5	mg/Kg	1.66	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
LEAD	338.	mg/Kg	1	2	0.5	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	
MERCURY	1.23	ug/g	0.035	1	0.04	SW846 7471	8/18/03	GFB	7471	8/15/03	GFB	TH15HGS0	
SELENIUM	U 2.2	mg/Kg	2.2	2	1	SW846 6010	8/8/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1
SILVER	U 1.6	mg/Kg	1.6	1	1.5	SW846 6010	8/7/03	EHZ	SW846 3050	8/6/03	JWM	TH06ICS0	1

1 The laboratory's Practical Quantitation Level could not be achieved for this parameter due to sample composition, matrix effects, sample volume, or quantity used for analysis.

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-10
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
TP-112,0-2	SL	08/04/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	79 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029
sales@katahdinlab.com

VIL_RESP04473

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 08/08/03
Analysis Date: 08/15/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 85.4

Lab ID: WT1906-11
Client ID: HA-1,0-0.3
SDG: WT1906
Extracted by: AB
Extraction Method: SW846 3545
Analyst: GDL
Analysis Method: SW846 8082
Lab Prep Batch: WG3131
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	20	1.0	17	20
Aroclor-1221	U	20	1.0	17	20
Aroclor-1232	U	20	1.0	17	20
Aroclor-1242	U	20	1.0	17	20
Aroclor-1248	U	20	1.0	17	20
Aroclor-1254		79	1.0	17	20
Aroclor-1260		40	1.0	17	20
Tetrachloro-m-xylene		71%			
Decachlorobiphenyl		80%			

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1151.d
Report Date: 21-Aug-2003 07:01

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1151.d
Lab Smp Id: WT1906-11 Client Smp ID: HA-1,0-0.3
Inj Date : 15-AUG-2003 19:23
Operator : GDL Inst ID: gc06.i
Smp Info : PCBA017A.M,GC06TH15A1.B,1,WT1906-1
Misc Info : SW846 8082
Comment :
Method : \\TARGET_SERVER\GG\chem\gc06.i\GC06TH15A1.B\PCBA017A.m
Meth Date : 19-Aug-2003 08:57 glull Quant Type: ESTD
Cal Date : 15-AUG-2003 23:38 Cal File: 6TH1160.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET03

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	14.636	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 2 Tetrachloro-m-xylene					CAS #: 877-09-8			
6.306	6.324	-0.018	62749	0.06800	26.6			(M)
7 Aroclor-1254					CAS #: 11097-69-1			
10.600	10.612	-0.012	811	0.11400	44.5	0.00- 0.00	100.00	(M)
0.000	11.617	-11.617	0	0.000	0.000	0.00- 0.00	0.00	
12.110	12.128	-0.018	3445	0.12637	49.3	0.00- 0.00	424.78	
12.972	12.999	-0.027	5217	0.20188	78.8	0.00- 0.00	643.28	
14.680	14.720	-0.040	7028	0.33281	130	0.00- 0.00	866.58	
Average of Peak Concentrations =					75.7			
8 Aroclor-1260					CAS #: 11096-82-5			
15.025	15.055	-0.030	1999	0.08594	33.6	80.00- 120.00	100.00	(H)
15.576	15.590	-0.014	2081	0.09892	38.6	94.69- 142.03	104.10	
16.153	16.186	-0.033	3082	0.06283	24.5	89.28- 133.92	154.18	
16.826	16.861	-0.035	3022	0.13375	52.2	72.48- 108.73	151.18	
18.198	18.198	0.000	0	0.000	0.000	0.00- 0.00	0.00	
Average of Peak Concentrations =					37.2			
$ 9 Decachlorobiphenyl					CAS #: 2051-24-3			
19.600	19.617	-0.017	41536	0.06701	26.2			(M)

VIL_RESP04475

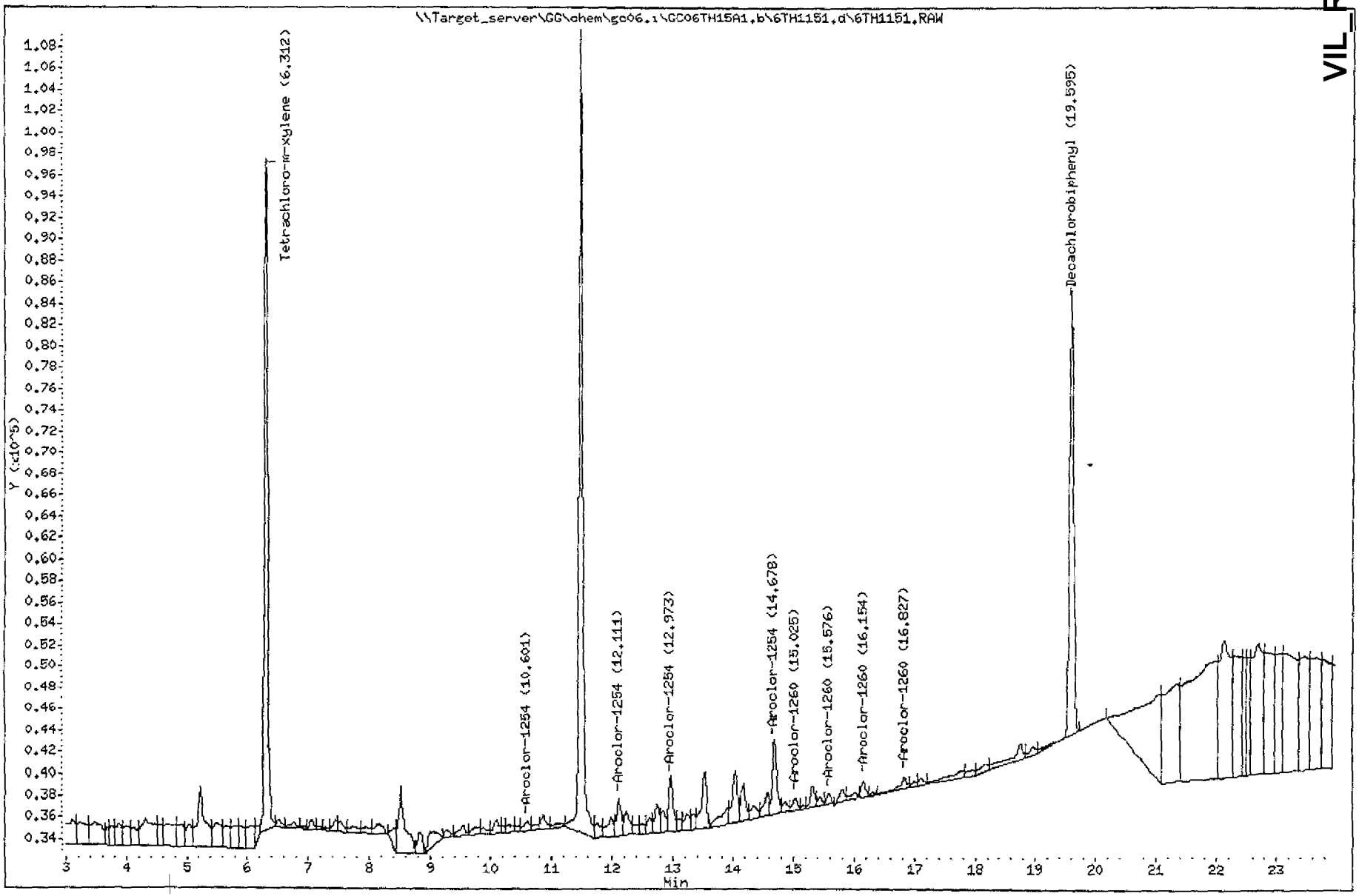
Data File: \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1151.d
Report Date: 21-Aug-2003 07:01

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1151.d
Date : 15-AUG-2003 19:23
Client ID: HA-1,0-0.3
Sample Info: PCBA017A.M,GC06TH15A1.B,1,WT1906-1
Purge Volume: 0.0
Column phase: ZB-5

Instrument: gc06.i
Operator: GDL
Column diameter: 0.53



VIL_RESP04477

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\6TH2151.d
Report Date: 21-Aug-2003 07:00

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\6TH2151.d
Lab Smp Id: WT1906-11 Client Smp ID: HA-1,0-0.3
Inj Date : 15-AUG-2003 19:23
Operator : GDL Inst ID: gc06.i
Smp Info : PCBA017A.M,GC06TH15A1.B,1,WT1906-1
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\PCBB017A.m
Meth Date : 19-Aug-2003 09:06 glull Quant Type: ESTD
Cal Date : 15-AUG-2003 23:38 Cal File: 6TH2160.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET03

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	14.636	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE		RATIO
$ 3 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.963	3.972	-0.009	123388	0.07096	27.7			
9 Aroclor-1254					CAS #: 11097-69-1			
8.373	8.402	-0.029	3053	0.27616	108	0.00-	0.00	100.00(M)
9.306	9.337	-0.031	4145	0.11861	46.4	0.00-	0.00	135.77
9.600	9.602	-0.002	4441	0.15127	59.1	0.00-	0.00	145.46
10.649	10.658	-0.009	8040	0.19464	76.0	0.00-	0.00	263.35
11.049	11.075	-0.026	9149	0.27407	107	0.00-	0.00	299.67
Average of Peak Concentrations =					79.3			
7 Aroclor-1260					CAS #: 11096-82-5			
12.400	12.422	-0.022	5152	0.11400	44.5	80.00-	120.00	100.00(H)
13.092	13.123	-0.031	7018	0.17770	69.4	94.69-	142.03	136.22
13.534	13.572	-0.038	6174	0.07897	30.8	89.28-	133.92	119.84
14.420	14.463	-0.043	3653	0 06496	25.4	72.48-	108.73	70.90
15.561	15.598	-0.037	1739	0.07138	27.9	0.00-	0.00	33.75
Average of Peak Concentrations =					39.6			
$ 8 Decachlorobiphenyl					CAS #: 2051-24-3			
16.887	16.912	-0.025	74765	0.08033	31.4			

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\6TH2151.d
Report Date: 21-Aug-2003 07:00

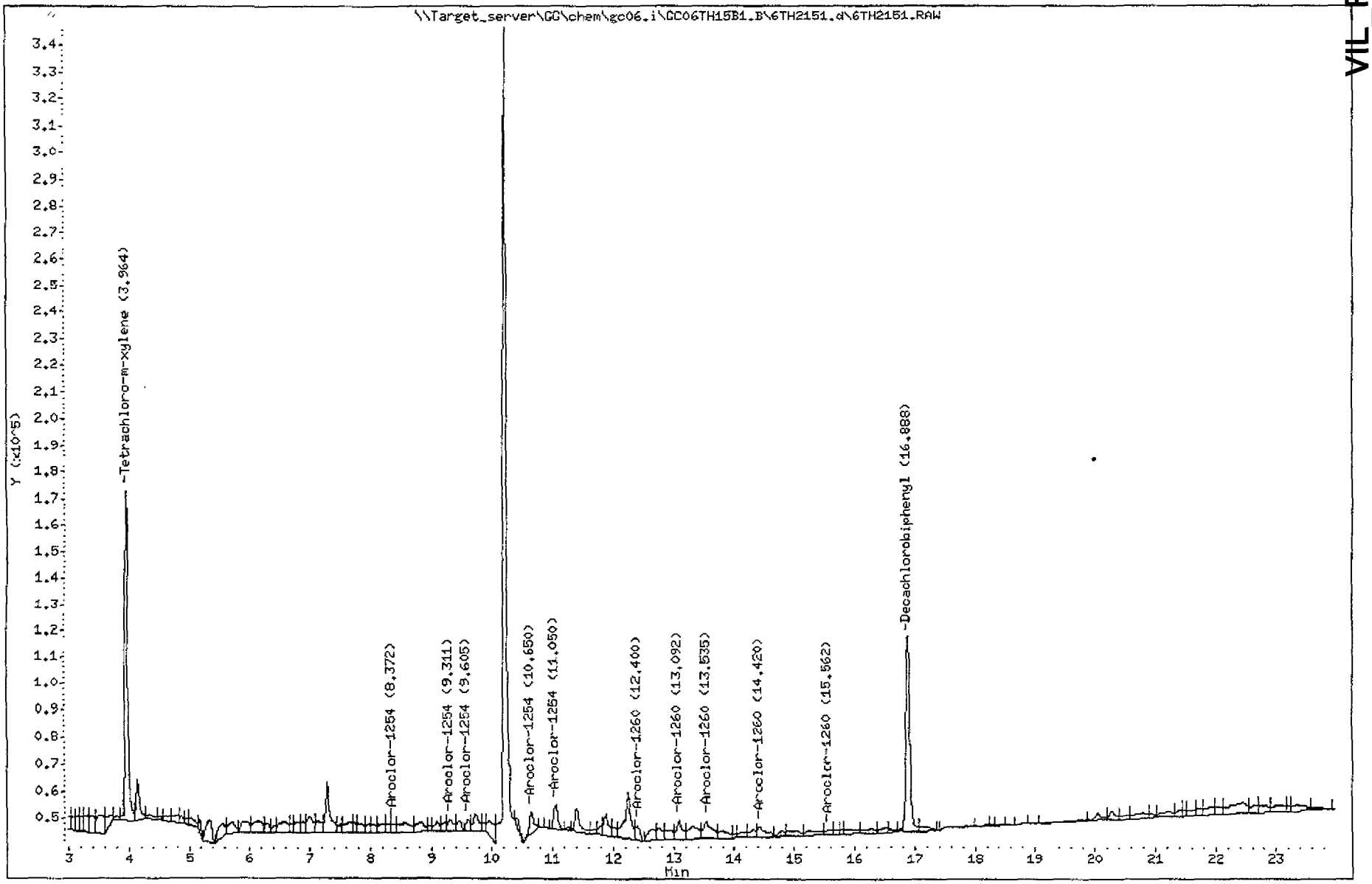
QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

VIL_RESP04479

Data File: \\Target_server\GC\chem\gc06.i\GC06TH15B1.B\6TH2151.d
Date : 15-AUG-2003 19:23
Client ID: HA-1,0-0.3
Sample Info: PCBA017A.M,GC06TH15A1.B,1,WT1906-1
Purge Volume: 0.0
Column phase: ZB-35

Instrument: gc06.i
Operator: GDL
Column diameter: 0.53



VIL_RESP04480

Katahdin Analytical Services WT1906 page 0000058 of 0000137

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/05/03
Received Date: 08/05/03
Extraction Date: 08/07/03
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 85.4

Lab ID: WT1906-11
Client ID: HA-1,0-0.3
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		63	1.0	5.0	5.8
O-Terphenyl		49%			

Data File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2094.d
Report Date: 19-Aug-2003 10:44

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2094.d
Lab Smp Id: WT1906-11 Client Smp ID: HA-1,0-0.3
Inj Date : 14-AUG-2003 07:19
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH13B1.B,1,WT1906-11
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH13B1.B\DROB005D.m
Meth Date : 14-Aug-2003 14:42 swilkinson Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2085.d
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	14.636	Moisture (%)
Cpnd Variable		Local Compound Variable

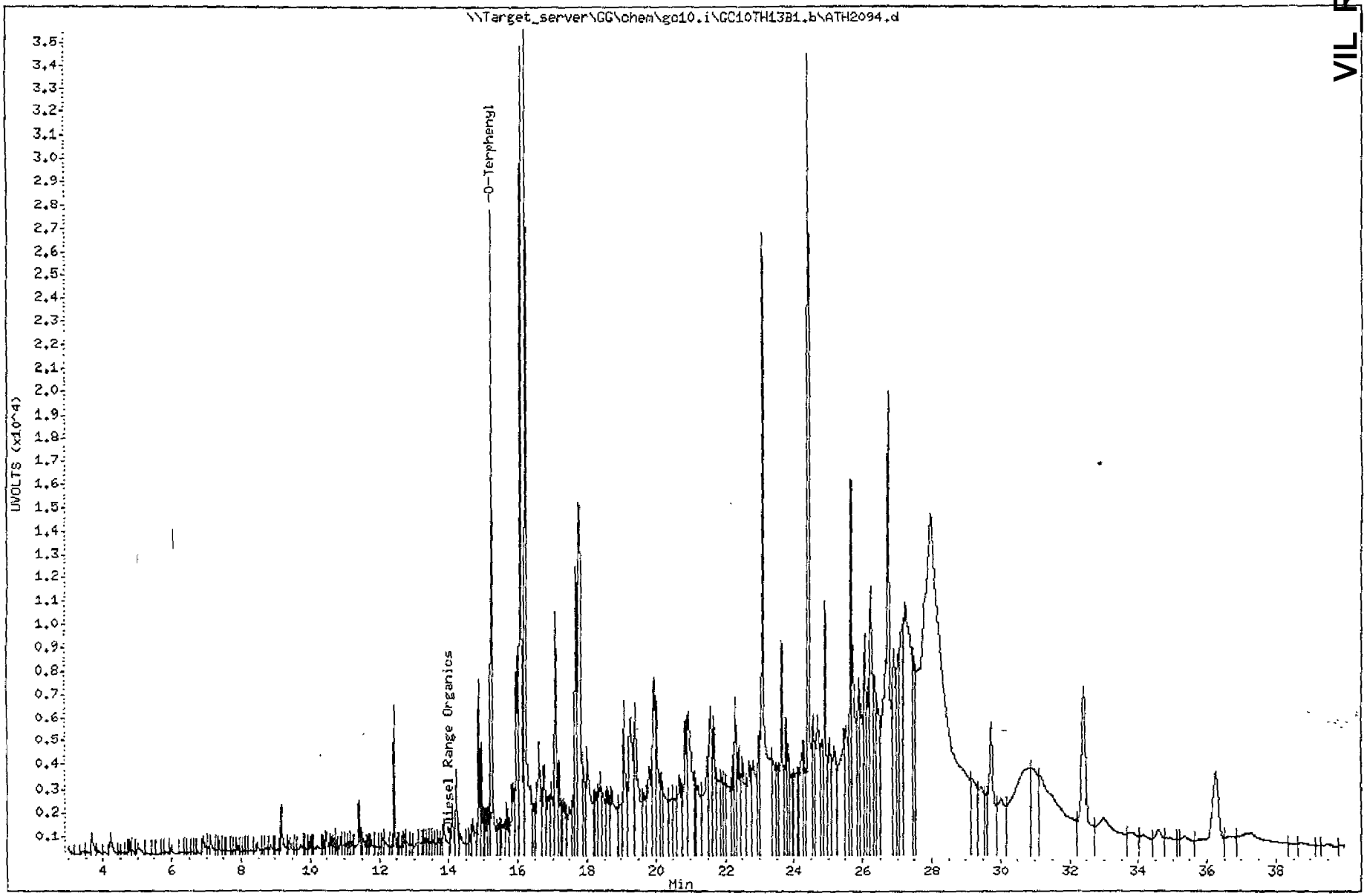
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (mg/Kg)
$ 9 O-Terphenyl	15.240	15.255	-0.015	65264	9.78653	1.15(M)
S 7 Diesel Range Organics	4.746	-23.285		3021814	537.350	62.9(M)

QC Flag Legend

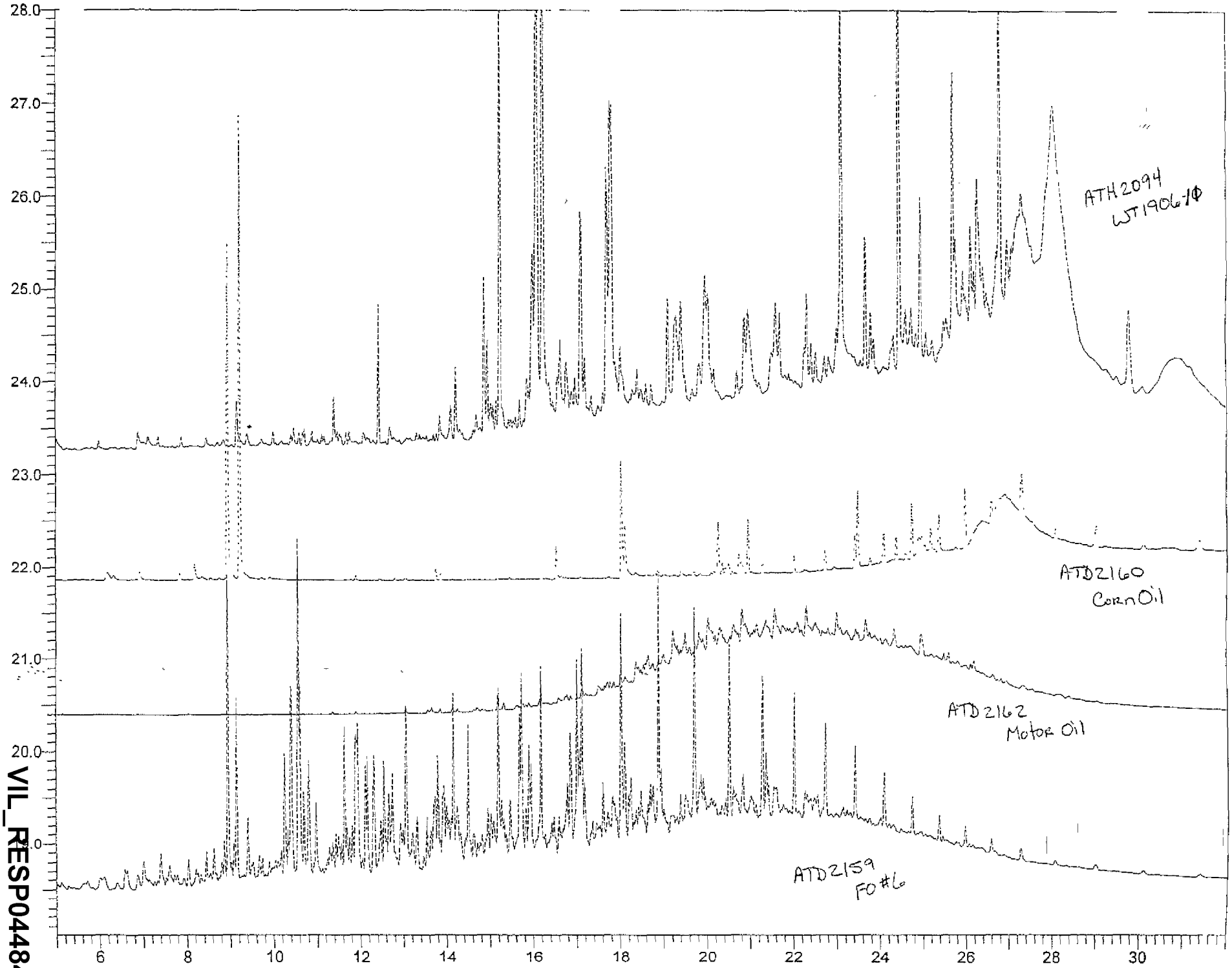
M - Compound response manually integrated.

Data File: \\Target_server\GC\chem\gc10.i\GC10TH13B1.b\ATH2094.d
Date : 14-AUG-2003 07:19
Client ID: HA-1,0-0.3
Sample Info: DROB005D,M,GC10TH13B1,B,1,WT1906-11
Purge Volume: 0.0
Column phase: ZB-1

Instrument: gc10.i
Operator: SAW
Column diameter: 0.53



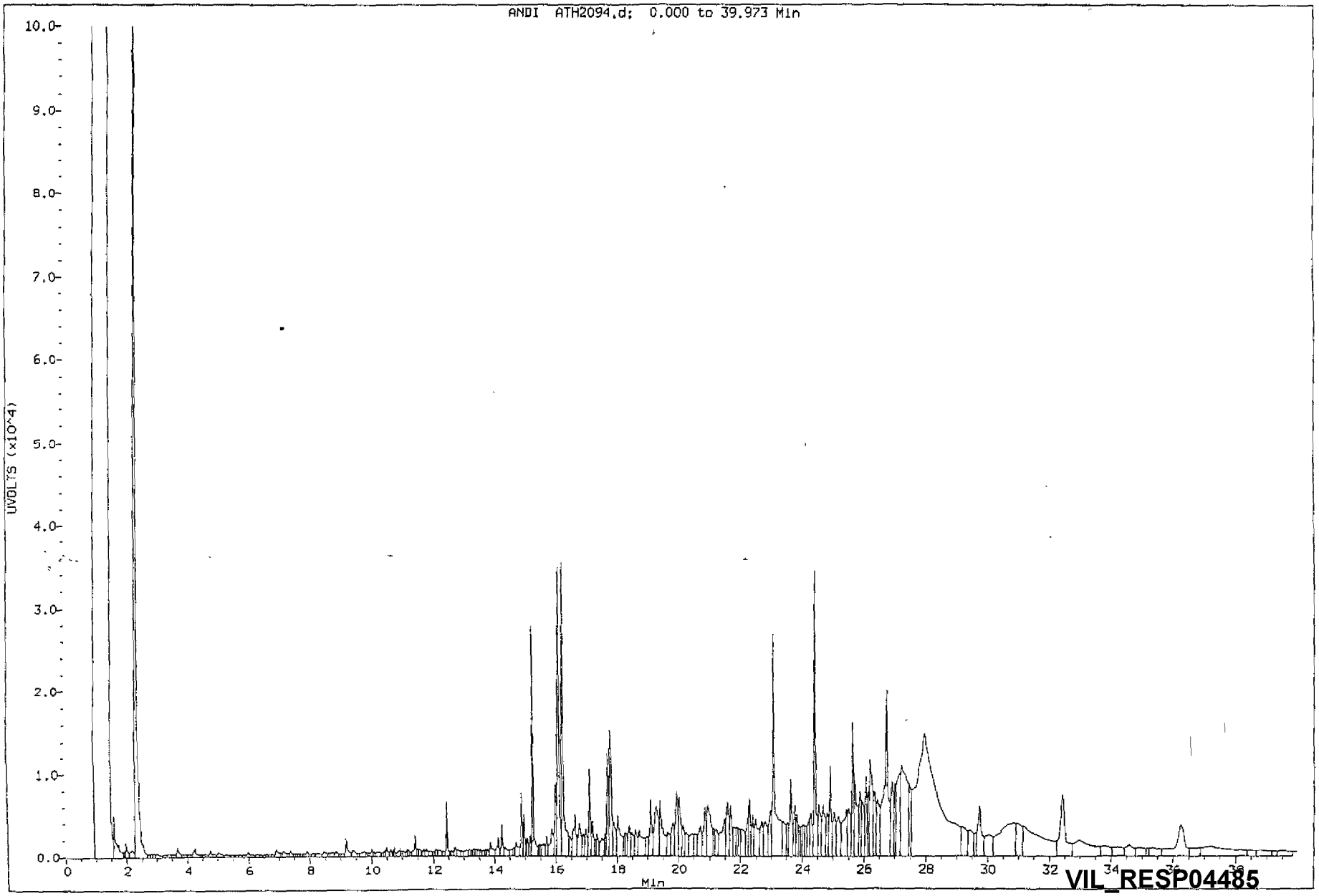
VIL_RESP04483



VIL_RESP04484

WT1906-11

Data File: \\Target_server\GG\chem\gc10.i\GC10TH13B1.b\ATH2094.d
Injection Date: 14-AUG-2003 07:19
Instrument: gc10.i
Client Sample ID: HA-1,0-0.3



VIL_RESP04485

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-11
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
HA-1,0-0.3	SL	08/05/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	85 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 08/08/03
Analysis Date: 08/15/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 83.0

Lab ID: WT1906-12
Client ID: HA-2,0-0.3
SDG: WT1906
Extracted by: AB
Extraction Method: SW846 3545
Analyst: GDL
Analysis Method: SW846 8082
Lab Prep Batch: WG3131
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	20	1.0	17	20
Aroclor-1221	U	20	1.0	17	20
Aroclor-1232	U	20	1.0	17	20
Aroclor-1242	U	20	1.0	17	20
Aroclor-1248	U	20	1.0	17	20
Aroclor-1254		56	1.0	17	20
Aroclor-1260	U	20	1.0	17	20
Tetrachloro-m-xylene		71%			
Decachlorobiphenyl		82%			

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1152.d
Report Date: 21-Aug-2003 07:01

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1152.d
Lab Smp Id: WT1906-12 Client Smp ID: HA-2,0-0.3
Inj Date : 15-AUG-2003 19:52
Operator : GDL Inst ID: gc06.i
Smp Info : PCBA017A.M,GC06TH15A1.B,1,WT1906-2
Misc Info : SW846 8082
Comment :
Method : \\TARGET_SERVER\GG\chem\gc06.i\GC06TH15A1.B\PCBA017A.m
Meth Date : 19-Aug-2003 08:57 glull Quant Type: ESTD
Cal Date : 15-AUG-2003 23:38 Cal File: 6TH1160.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET03

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	17.019	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

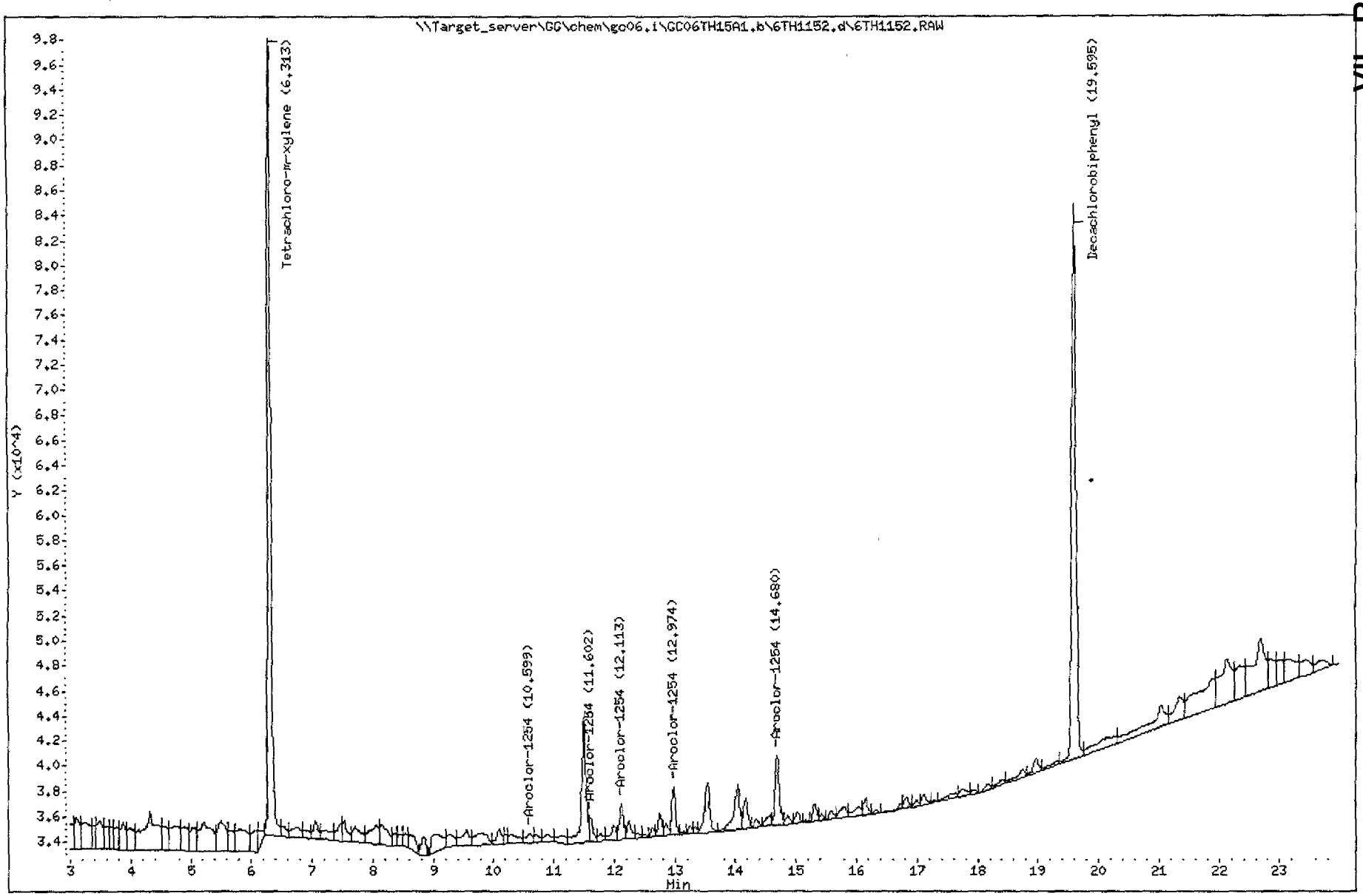
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE		RATIO	
$ 2 Tetrachloro-m-xylene					CAS #: 877-09-8				
6.306	6.324	-0.018	63618	0.06902	27.7				(M)
7 Aroclor-1254					CAS #: 11097-69-1				
10.600	10.612	-0.012	749	0.10590	42.5	0.00-	0.00	100.00	(M)
11.602	11.617	-0.015	1842	0.06836	27.4	0.00-	0.00	245.93	
12.112	12.128	-0.016	2852	0.10544	42.4	0.00-	0.00	380.77	
12.974	12.999	-0.025	3796	0.15078	60.6	0.00-	0.00	506.81	
14.680	14.720	-0.040	5477	0 25719	103	0.00-	0.00	731.24	
Average of Peak Concentrations =					55.2				
$ 9 Decachlorobiphenyl					CAS #: 2051-24-3				
19.595	19.617	-0.022	45115	0.07342	29.5				

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Target_server\GC\chem\gc06.i\GC06TH15A1.b\6TH1152.d
Date : 15-AUG-2003 19:52
Client ID: HA-2,0-0.3
Sample Info: PCBA017A.M,GC06TH15A1.B,1,WT1906-2
Purge Volume: 0.0
Column phase: ZB-5

Instrument: gc06.i
Operator: GDL
Column diameter: 0.53



VIL_RESP04489

Katahdin Analytical Services WT1906 page 0000067 of 0000137

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\6TH2152.d
Report Date: 21-Aug-2003 07:01

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\6TH2152.d
Lab Smp Id: WT1906-12 Client Smp ID: HA-2,0-0.3
Inj Date : 15-AUG-2003 19:52
Operator : GDL Inst ID: gc06.i
Smp Info : PCBA017A.M,GC06TH15A1.B,1,WT1906-2
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\PCBB017A.m
Meth Date : 19-Aug-2003 09:06 glull Quant Type: ESTD
Cal Date : 15-AUG-2003 23:38 Cal File: 6TH2160.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET03

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	17.019	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

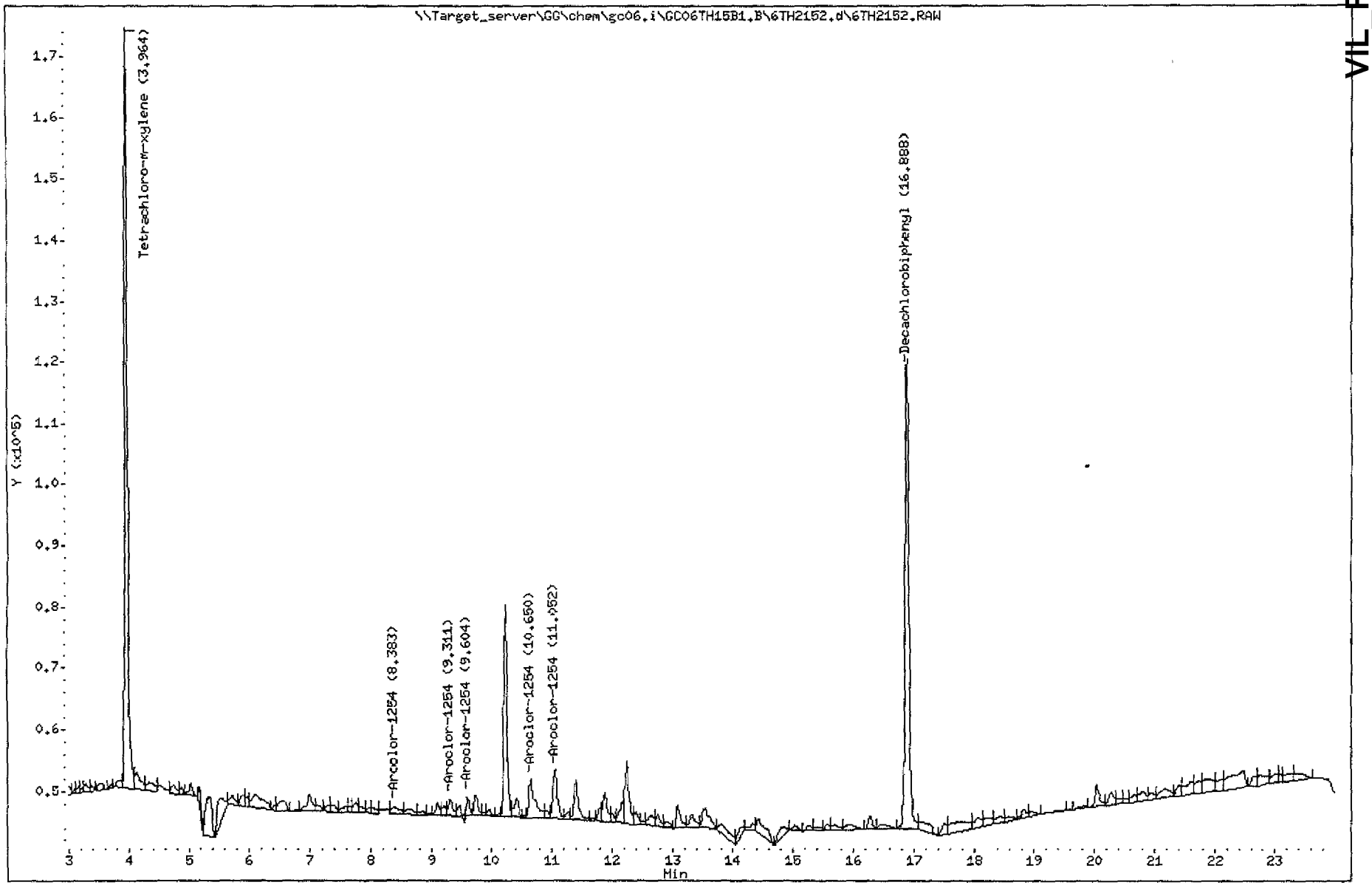
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE		RATIO	
$ 3 Tetrachloro-m-xylene					CAS #: 877-09-8				
3.960	3.972	-0.012	124205	0.07148	28.7				(M)
9 Aroclor-1254					CAS #: 11097-69-1				
8.386	8.402	-0.016	1215	0.12381	49.7	0.00-	0.00	100.00	(MH)
9.306	9.337	-0.031	2596	0.07414	29.8	0.00-	0.00	213.66	
9.600	9.602	-0.002	2859	0 10528	42.3	0.00-	0.00	235.31	
10.653	10.658	-0.005	6225	0.15279	61.4	0.00-	0.00	512.35	
11.053	11.075	-0.022	7946	0.24146	97 0	0.00-	0.00	653.99	
Average of Peak Concentrations =					56.0				
$ 8 Decachlorobiphenyl					CAS #· 2051-24-3				
16.893	16.912	-0.019	76435	0.08236	33.1				(M)

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\Target_server\GC\chem\gc06.i\GC06TH15B1.B\6TH2152.d
Date : 15-AUG-2003 19:52
Client ID: HA-2,0-0.3
Sample Info: PCBA017A.H,GC06TH15A1.B,1,WT1906-2
Purge Volume: 0.0
Column phase: ZB-35

Instrument: gc06.i
Operator: GDL
Column diameter: 0.53



VIL_RESP04491

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-12
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
HA-2,0-0.3	SL	08/05/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	83 %	0.1	CLP SOW 788	08/11/03 07.05	JF	CLP SOW 788	08/08/03	JF	

Notes

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date: 08/08/03
Analysis Date: 08/15/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 92.7

Lab ID: WT1906-13
Client ID: HA-4,1-2
SDG: WT1906
Extracted by: AB
Extraction Method: SW846 3545
Analyst: GDL
Analysis Method: SW846 8082
Lab Prep Batch: WG3131
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	18	1.0	17	18
Aroclor-1221	U	18	1.0	17	18
Aroclor-1232	U	18	1.0	17	18
Aroclor-1242		99	1.0	17	18
Aroclor-1248	U	18	1.0	17	18
Aroclor-1254		530	1.0	17	18
Aroclor-1260	U	18	1.0	17	18
Tetrachloro-m-xylene		56%			
Decachlorobiphenyl		78%			

Page 01 of 01 6TH1153.d

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1153.d
Report Date: 21-Aug-2003 07:03

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\6TH1153.d
Lab Smp Id: WT1906-13 Client Smp ID: HA-4,1-2
Inj Date : 15-AUG-2003 20:20
Operator : GDL Inst ID: gc06.i
Smp Info : PCBA017A.M,GC06TH15A1.B,1,WT1906-3
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH15A1.b\PCBA017A.m
Meth Date : 19-Aug-2003 08:57 glull Quant Type: ESTD
Cal Date : 15-AUG-2003 23:38 Cal File: 6TH1160.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET02

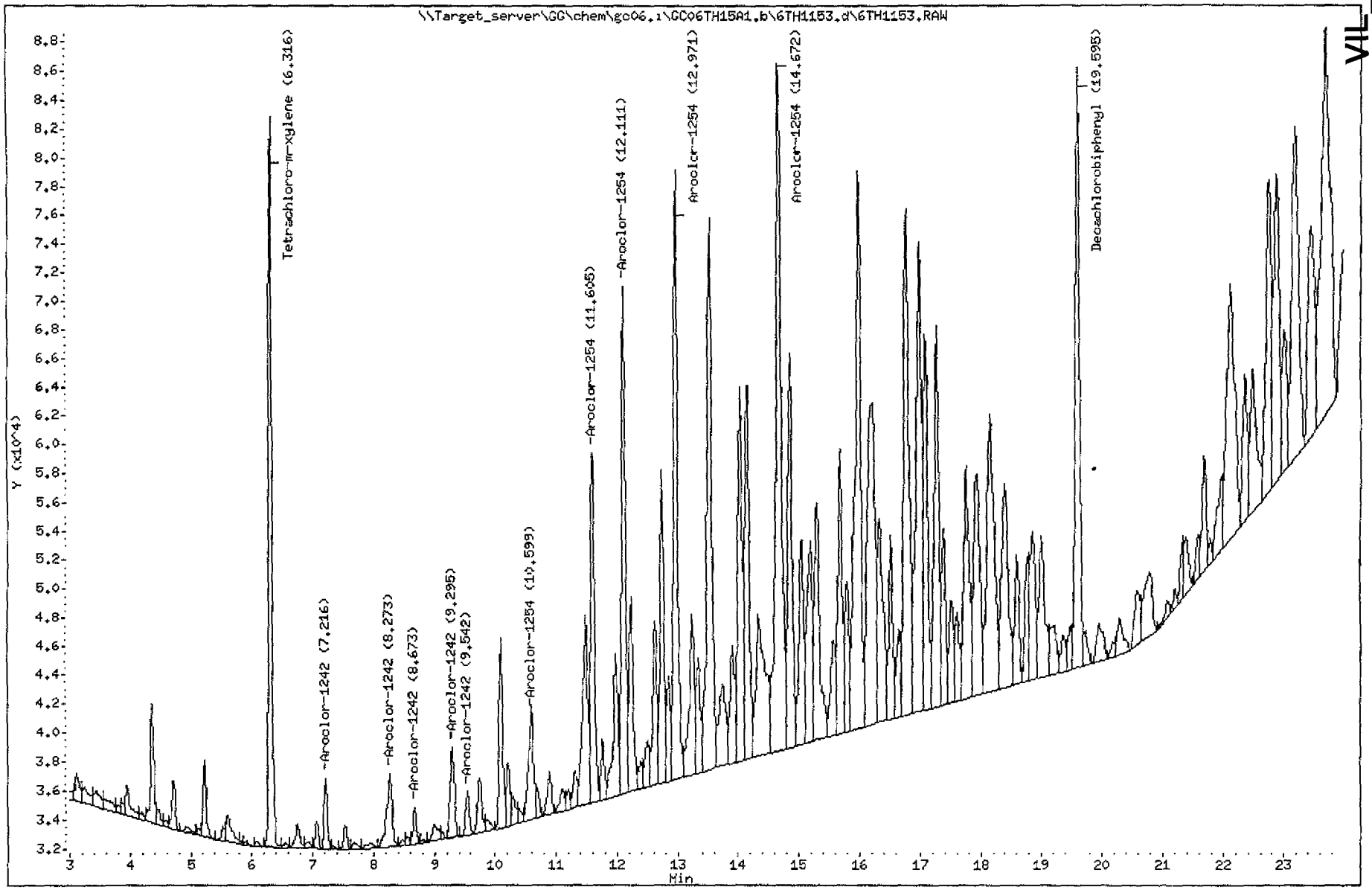
Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	7.333	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 2 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.315	6.324	-0.009	52203	0.05585	20.1		
4 Aroclor-1242					CAS #: 53469-21-9		
7.216	7.226	-0.010	4966	0.44034	158	0.00- 0.00	100.00
8.273	8.213	0.060	5142	0.29710	107	0.00- 0.00	103.54
8.673	8.680	-0.007	2583	0.17521	63.0	0.00- 0.00	52.01
9.295	9.306	-0.011	6189	0.25227	90.7	0.00- 0.00	124.63
9.542	9.546	-0.004	3122	0.21077	75.8	0.00- 0.00	62.87
Average of Peak Concentrations =					99.0		
7 Aroclor-1254					CAS #: 11097-69-1		
10.598	10.612	-0.014	8000	1.06888	384	0.00- 0.00	100.00
11.605	11.617	-0.012	24844	1.13315	408	0.00- 0.00	310.55
12.110	12.128	-0.018	36070	1.30284	469	0.00- 0.00	450.88
12.970	12.999	-0.029	42903	1.56052	561	0.00- 0.00	536.29
14.671	14.720	-0.049	48597	2.36161	849	0.00- 0.00	607.46
Average of Peak Concentrations =					534		
$ 9 Decachlorobiphenyl					CAS #: 2051-24-3		
19.595	19.617	-0.022	42580	0.06887	24.8		

Data File: \\Target_server\GC\chem\gc06.i\GC06TH15A1.b\6TH1153.d
Date : 15-AUG-2003 20:20
Client ID: HA-4.1-2
Sample Info: PCBA017A.M,GC06TH15A1.B,1,WT1906-3
Purge Volume: 0.0
Column phase: ZB-5

Instrument: gc06.i
Operator: CDL
Column diameter: 0.53



VIL_RESP04495

Katahdin Analytical Services WT1906 page 0000073 of 0000137

Data File: \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\6TH2153.d
Report Date: 21-Aug-2003 07:00

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\6TH2153.d
Lab Smp Id: WT1906-13 Client Smp ID: HA-4,1-2
Inj Date : 15-AUG-2003 20:20
Operator : GDL Inst ID: gc06.i
Smp Info : PCBA017A.M,GC06TH15A1.B,1,WT1906-3
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH15B1.B\PCBB017A.m
Meth Date : 19-Aug-2003 09:06 glull Quant Type: ESTD
Cal Date : 15-AUG-2003 23:38 Cal File: 6TH2160.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET02

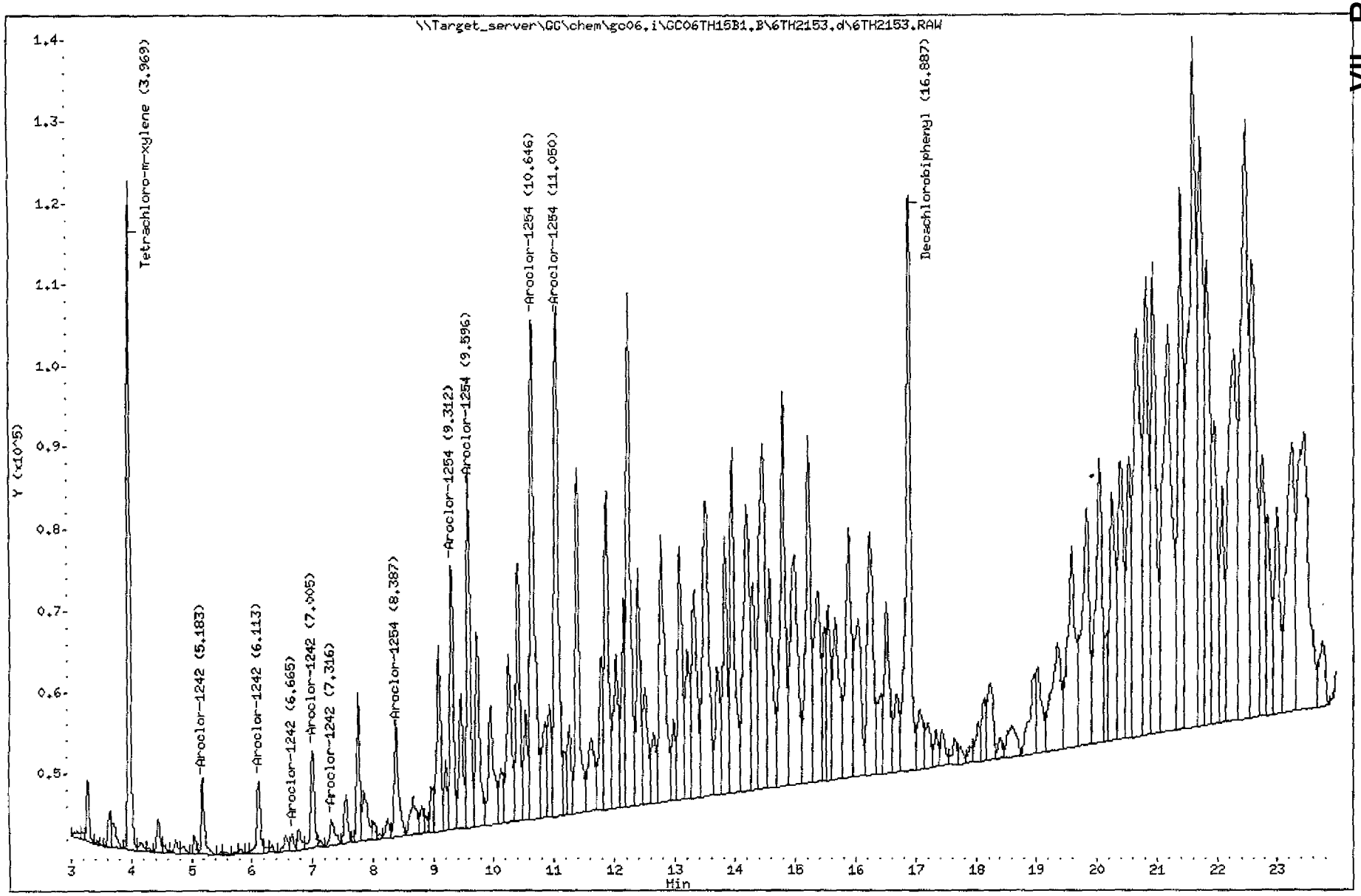
Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	7.333	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE		RATIO
$ 3 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.968	3.972	-0.004	85456	0.04758	17.1			
4 Aroclor-1242					CAS #: 53469-21-9			
5.182	5.210	-0.028	9654	0.54336	195	0.00-	0.00	100.00
6.113	6.130	-0.017	9057	0.23449	84.3	0.00-	0.00	93.82
6.664	6.693	-0.029	2097	0.11774	42.4	0.00-	0.00	21.72
7.004	7.038	-0.034	11985	0.30568	110	0.00-	0.00	124.15
7.316	7.350	-0.034	3127	0.16984	61.1	0.00-	0.00	32.39
Average of Peak Concentrations =					98.6			
9 Aroclor-1254					CAS #: 11097-69-1			
8.386	8.402	-0.016	14394	1.22493	441	0.00-	0.00	100.00
9.312	9.337	-0.025	33636	0.99116	356	0.00-	0.00	233.68
9.595	9.602	-0.007	44230	1.31364	472	0.00-	0.00	307.28
10.646	10.658	-0.012	63457	1.46443	527	0.00-	0.00	440.86
11.049	11.075	-0.026	63356	1.72727	621	0.00-	0.00	440.16
Average of Peak Concentrations =					484			
$ 8 Decachlorobiphenyl					CAS #: 2051-24-3			
16.887	16.912	-0.025	72739	0.07789	28.0			

Data File: \\Target_server\GC\chem\gc06.i\GC06TH15B1.B\6TH2153.d
Date : 15-AUG-2003 20:20
Client ID: HA-4,1-2
Sample Info: PCBA017A.H,GC06TH15A1,B,1,WT1906-3
Purge Volume: 0.0
Column phase: ZB-35

Instrument: gc06.i
Operator: GDL
Column diameter: 0.53



VIL_RESP04497

Katahdin Analytical Services WT1906 page 0000075 of 0000137

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/05/03
Received Date: 08/05/03
Extraction Date: 08/07/03
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 92.7

Lab ID: WT1906-13DL
Client ID: HA-4,1-2
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		2900	20	5.0	110
O-Terphenyl		D			

Data File: \\Target_server\GG\chem\gc10.i\GC10TH14B1.b\ATH2106.d
Report Date: 19-Aug-2003 10:43

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH14B1.b\ATH2106.d
Lab Smp Id: WT1906-13DL Client Smp ID: HA-4,1-2
Inj Date : 14-AUG-2003 17:27
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH14B1.B,20,WT1906-13DL
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH14B1.B\DROB005D.m
Meth Date : 15-Aug-2003 15:26 swilkinson Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 20.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH14B1.b\ATH2101.d
Target Version: 4.12

Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	7.333	Moisture (%)
Cpnd Variable		Local Compound Variable

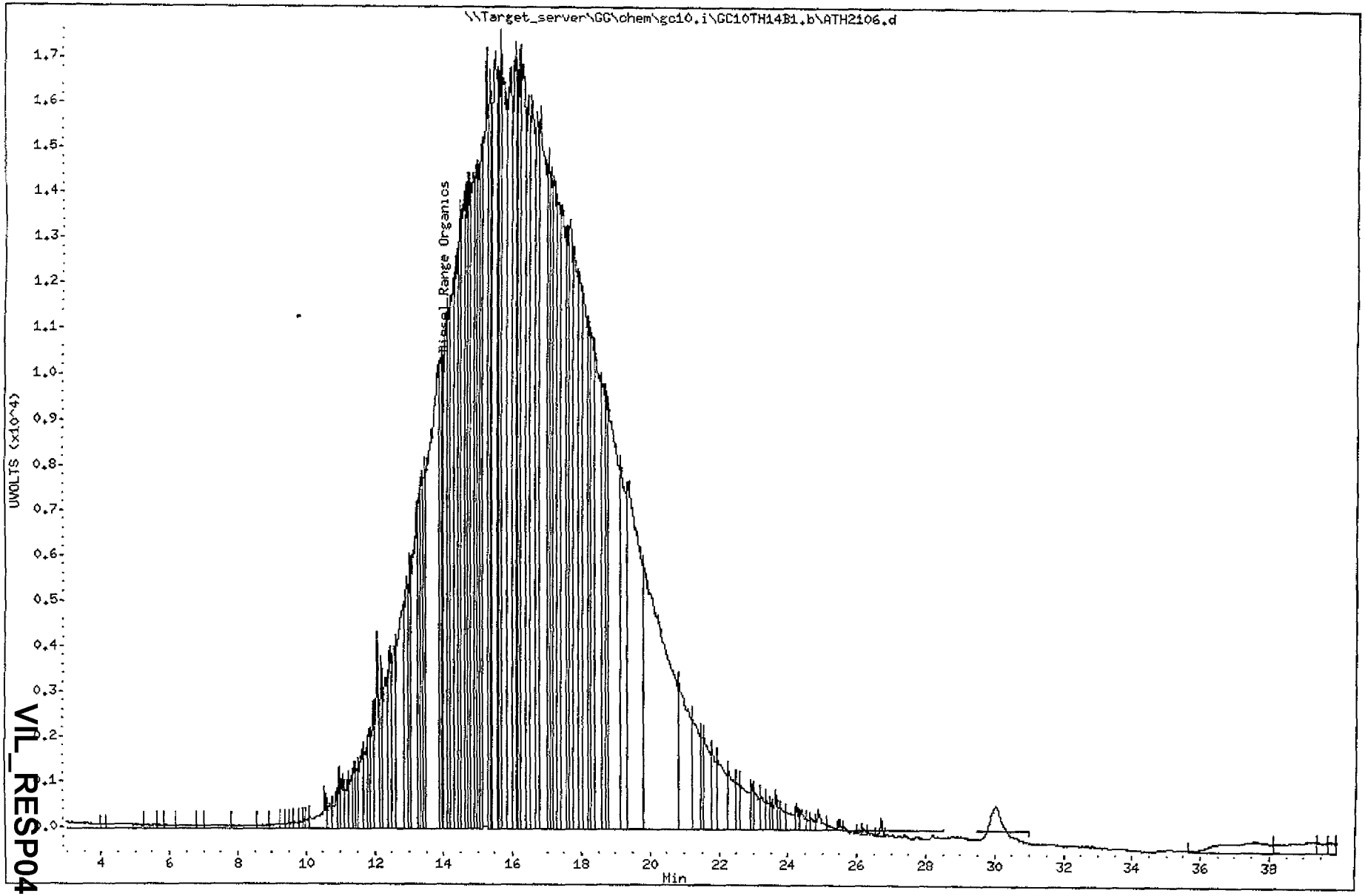
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
S 7 Diesel Range Organics	4.746	23.285		7274580	1337.72	2890(M)

QC Flag Legend

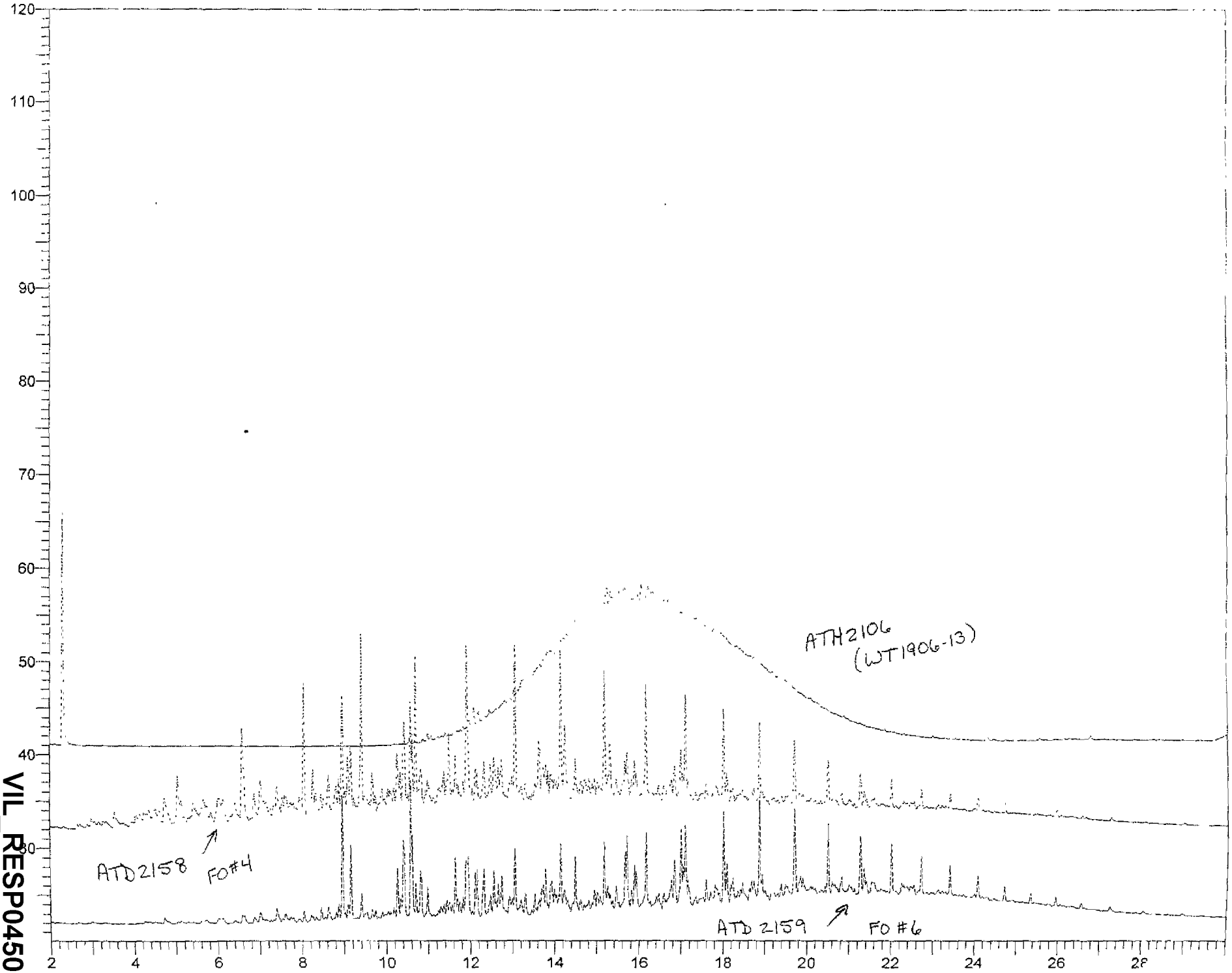
M - Compound response manually integrated.

D File: \\Target_server\GC\chem\gc10.i\GC10TH14B1.b\ATH2106.d
Date : 14-AUG-2003 17:27
Client ID: HA-4,1-2
Sample Info: DROB005D.M,GC10TH14B1.B,20,WT1906-13DL
Purge Volume: 0.0
Column phase: ZB-1

Instrument: gc10.i
Operator: SAW
Column diameter: 0.53



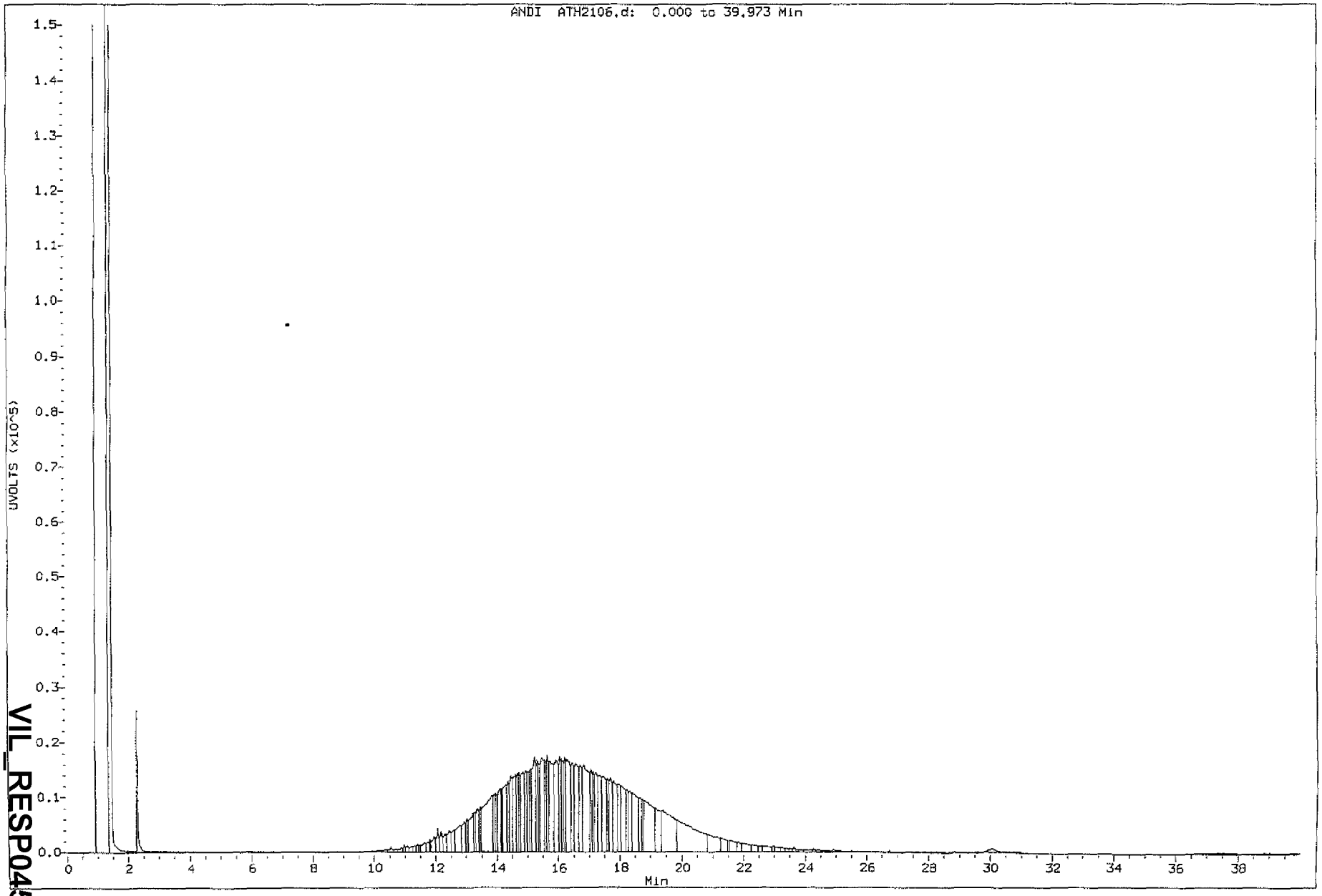
VIL_RESP04500



VIL_RESP04501

WT1906-13

Data File: \\Target_server\GG\chem\gc10.1\GC10TH14B1.b\ATH2106.d
Injection Date: 14-AUG-2003 17:27
Instrument: gc10.1
Client Sample ID: HA-4.1-2



VIL_RESP04502

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-13
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description
HA-4,1-2

Matrix	Date Sampled	Date Received
SL	08/05/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	93 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/05/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 95.9

Lab ID: WT1906-14
Client ID: HA-6,0-0.3
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	12	1.0	10	12
Chloromethane	U	12	1.0	10	12
Vinyl chloride	U	12	1.0	10	12
Bromomethane	U	12	1.0	10	12
Chloroethane	U	12	1.0	10	12
Trichlorofluoromethane		48	1.0	10	12
1,1-Dichloroethene	U	6	1.0	5	6
Methylene Chloride		6	1.0	5	6
trans-1,2-Dichloroethene	U	6	1.0	5	6
1,1-Dichloroethane	U	6	1.0	5	6
cis-1,2-Dichloroethene	U	6	1.0	5	6
2,2-Dichloropropane	U	6	1.0	5	6
Chloroform	U	6	1.0	5	6
Bromochloromethane	U	6	1.0	5	6
1,1,1-Trichloroethane	U	6	1.0	5	6
1,2-Dichloroethane	U	6	1.0	5	6
1,1-Dichloropropene	U	6	1.0	5	6
Carbon Tetrachloride	U	6	1.0	5	6
Benzene	U	6	1.0	5	6
1,2-Dichloropropane	U	6	1.0	5	6
Trichloroethene	U	6	1.0	5	6
Dibromomethane	U	6	1.0	5	6
Bromodichloromethane	U	6	1.0	5	6
cis-1,3-dichloropropene	U	6	1.0	5	6
Toluene	U	6	1.0	5	6
trans-1,3-Dichloropropene	U	6	1.0	5	6
1,1,2-Trichloroethane	U	6	1.0	5	6
1,3-Dichloropropane	U	6	1.0	5	6
Dibromochloromethane	U	6	1.0	5	6
Tetrachloroethene	U	6	1.0	5	6
1,2-Dibromoethane	U	6	1.0	5	6
Chlorobenzene	U	6	1.0	5	6
1,1,1,2-Tetrachloroethane	U	6	1.0	5	6
Ethylbenzene	U	6	1.0	5	6
Bromoform	U	6	1.0	5	6
Styrene	U	6	1.0	5	6
1,1,2,2-Tetrachloroethane	U	6	1.0	5	6
1,2,3-Trichloropropane	U	6	1.0	5	6
Isopropylbenzene	U	6	1.0	5	6
Bromobenzene	U	6	1.0	5	6
2-Chlorotoluene	U	6	1.0	5	6
N-Propylbenzene	U	6	1.0	5	6
4-Chlorotoluene	U	6	1.0	5	6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/05/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 95.9

Lab ID: WT1906-14
Client ID: HA-6,0-0.3
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	6	1.0	5	6
tert-Butylbenzene	U	6	1.0	5	6
1,2,4-Trichlorobenzene	U	6	1.0	5	6
sec-Butylbenzene	U	6	1.0	5	6
1,3-Dichlorobenzene	U	6	1.0	5	6
P-Isopropyltoluene	U	6	1.0	5	6
1,4-Dichlorobenzene	U	6	1.0	5	6
1,2-Dichlorobenzene	U	6	1.0	5	6
N-Butylbenzene	U	6	1.0	5	6
1,2-Dibromo-3-Chloropropane	U	6	1.0	5	6
1,2,4-Trimethylbenzene	U	6	1.0	5	6
Naphthalene	U	6	1.0	5	6
Hexachlorobutadiene	U	6	1.0	5	6
1,2,3-Trichlorobenzene	U	6	1.0	5	6
Methyl tert-butyl ether	U	6	1.0	5	6
Acetone	U	25	1.0	20	25
2-Butanone	U	25	1.0	20	25
4-methyl-2-pentanone	U	25	1.0	20	25
2-Hexanone	U	25	1.0	20	25
m+p-Xylenes	U	12	1.0	10	12
o-Xylene	U	6	1.0	5	6
1,3,5-Trichlorobenzene	U	6	1.0	5	6
Vinyl Acetate	U	6	1.0	5	6
Carbon Disulfide	U	6	1.0	5	6
Diethyl Ether	U	6	1.0	5	6
Tetrahydrofuran	U	62	1.0	50	62
1,2-Dichloroethylene (total)	U	12	1.0	10	12
Xylenes (total)	U	18	1.0	15	18
Dibromofluoromethane		125%			
1,2-Dichloroethane-D4		136%			
Toluene-D8		* 66%			
P-Bromofluorobenzene		* 36%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/05/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 95.9

Lab ID: WT1906-14RA
Client ID: HA-6,0-0.3
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	12	1.0	10	12
Chloromethane	U	12	1.0	10	12
Vinyl chloride	U	12	1.0	10	12
Bromomethane	U	12	1.0	10	12
Chloroethane	U	12	1.0	10	12
Trichlorofluoromethane		22	1.0	10	12
1,1-Dichloroethene	U	6	1.0	5	6
Methylene Chloride		7	1.0	5	6
trans-1,2-Dichloroethene	U	6	1.0	5	6
1,1-Dichloroethane	U	6	1.0	5	6
cis-1,2-Dichloroethene	U	6	1.0	5	6
2,2-Dichloropropane	U	6	1.0	5	6
Chloroform	U	6	1.0	5	6
Bromochloromethane	U	6	1.0	5	6
1,1,1-Trichloroethane	U	6	1.0	5	6
1,2-Dichloroethane	U	6	1.0	5	6
1,1-Dichloropropene	U	6	1.0	5	6
Carbon Tetrachloride	U	6	1.0	5	6
Benzene	U	6	1.0	5	6
1,2-Dichloropropane	U	6	1.0	5	6
Trichloroethene	U	6	1.0	5	6
Dibromomethane	U	6	1.0	5	6
Bromodichloromethane	U	6	1.0	5	6
cis-1,3-dichloropropene	U	6	1.0	5	6
Toluene	U	6	1.0	5	6
trans-1,3-Dichloropropene	U	6	1.0	5	6
1,1,2-Trichloroethane	U	6	1.0	5	6
1,3-Dichloropropane	U	6	1.0	5	6
Dibromochloromethane	U	6	1.0	5	6
Tetrachloroethene	U	6	1.0	5	6
1,2-Dibromoethane	U	6	1.0	5	6
Chlorobenzene	U	6	1.0	5	6
1,1,1,2-Tetrachloroethane	U	6	1.0	5	6
Ethylbenzene	U	6	1.0	5	6
Bromoform	U	6	1.0	5	6
Styrene	U	6	1.0	5	6
1,1,2,2-Tetrachloroethane	U	6	1.0	5	6
1,2,3-Trichloropropane	U	6	1.0	5	6
Isopropylbenzene	U	6	1.0	5	6
Bromobenzene	U	6	1.0	5	6
2-Chlorotoluene	U	6	1.0	5	6
N-Propylbenzene	U	6	1.0	5	6
4-Chlorotoluene	U	6	1.0	5	6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/05/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 95.9

Lab ID: WT1906-14RA
Client ID: HA-6,0-0.3
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	6	1.0	5	6
tert-Butylbenzene	U	6	1.0	5	6
1,2,4-Trichlorobenzene	U	6	1.0	5	6
sec-Butylbenzene	U	6	1.0	5	6
1,3-Dichlorobenzene	U	6	1.0	5	6
P-Isopropyltoluene	U	6	1.0	5	6
1,4-Dichlorobenzene	U	6	1.0	5	6
1,2-Dichlorobenzene	U	6	1.0	5	6
N-Butylbenzene	U	6	1.0	5	6
1,2-Dibromo-3-Chloropropane	U	6	1.0	5	6
1,2,4-Trimethylbenzene	U	6	1.0	5	6
Naphthalene	U	6	1.0	5	6
Hexachlorobutadiene	U	6	1.0	5	6
1,2,3-Trichlorobenzene	U	6	1.0	5	6
Methyl tert-butyl ether	U	6	1.0	5	6
Acetone	U	24	1 0	20	24
2-Butanone	U	24	1.0	20	24
4-methyl-2-pentanone	U	24	1.0	20	24
2-Hexanone	U	24	1.0	20	24
m+p-Xylenes	U	12	1.0	10	12
o-Xylene	U	6	1.0	5	6
1,3,5-Trichlorobenzene	U	6	1.0	5	6
Vinyl Acetate	U	6	1.0	5	6
Carbon Disulfide	U	6	1.0	5	6
Diethyl Ether	U	6	1.0	5	6
Tetrahydrofuran	U	60	1.0	50	60
1,2-Dichloroethylene (total)	U	12	1.0	10	12
Xylenes (total)	U	18	1.0	15	18
Dibromofluoromethane		116%			
1,2-Dichloroethane-D4		135%			
Toluene-D8		* 66%			
P-Bromofluorobenzene		* 52%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/05/03
Received Date: 08/05/03
Extraction Date: 08/07/03
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 95.9

Lab ID: WT1906-14DL2
Client ID: HA-6,0-0.3
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		9100	100	5.0	520
O-Terphenyl		D			

Page 01 of 01 ATH2107.d

Data File: \\Target_server\GG\chem\gc10.i\GC10TH14B1.b\ATH2107.d
Report Date: 19-Aug-2003 10:43

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH14B1.b\ATH2107.d
Lab Smp Id: WT1906-14DL2 Client Smp ID: HA-6,0-0.3
Inj Date : 14-AUG-2003 18:16
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH14B1.B,100,WT1906-14DL2
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH14B1.B\DROB005D.m
Meth Date : 15-Aug-2003 15:26 swilkinson Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH14B1.b\ATH2101.d
Target Version: 4.12

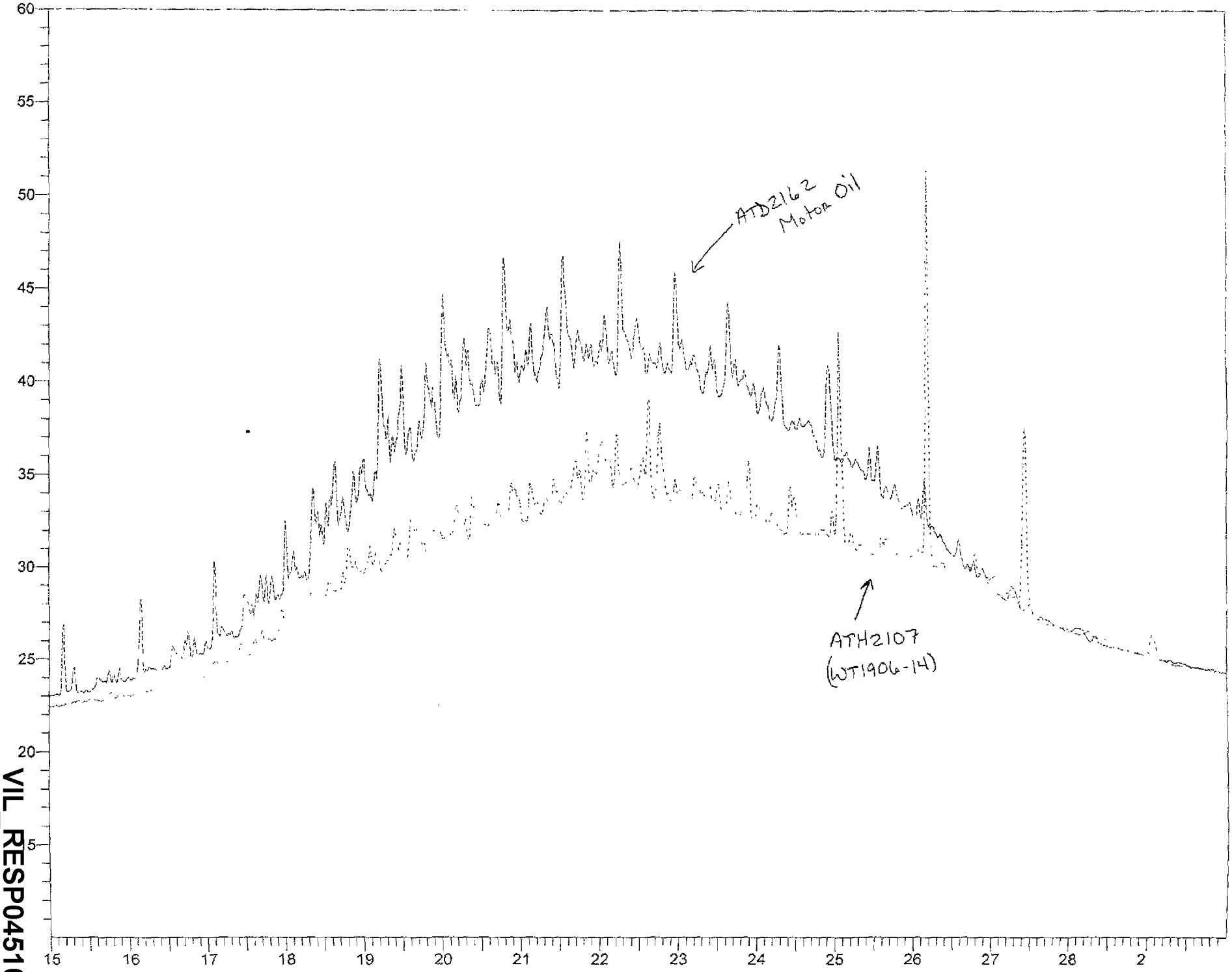
Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

Name	Value	Description
DF	100.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	4.056	Moisture (%)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (mg/Kg)
S 7 Diesel Range Organics	4.746	-23.285		4820826	875.925	9130(M)

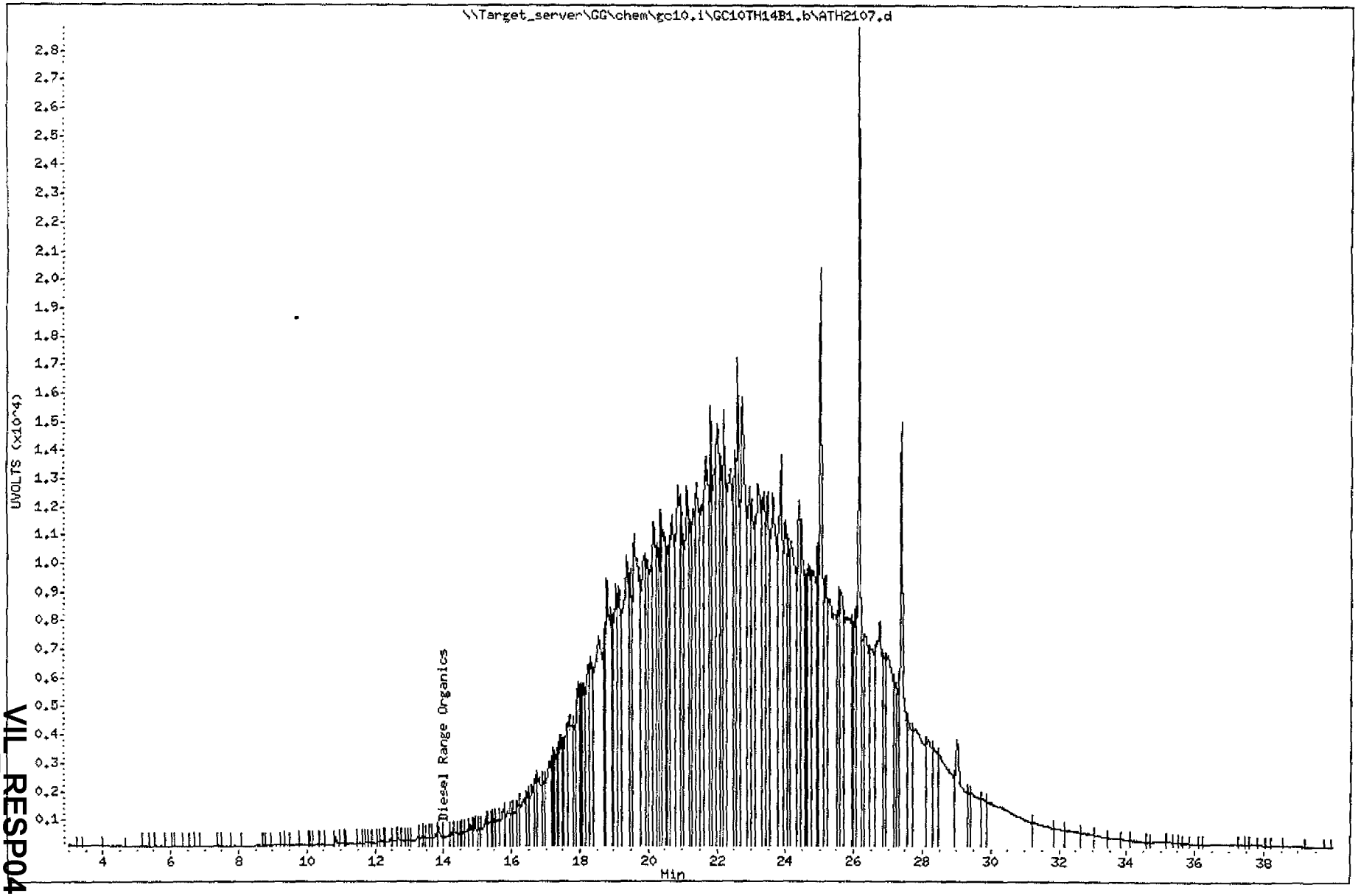
QC Flag Legend

M - Compound response manually integrated.



VIL_RESP04510

1 File: \\Target_server\GC\chem\gc10.i\GC10TH14B1.b\ATH2107.d
Date : 14-AUG-2003 18:16
Client ID: HA-6,0-0.3
Instrument: gc10.i
Sample Info: DROB005D.M,GC10TH14B1.B,100,WT1906-14DL2
Purge Volume: 0.0
Operator: SAW
Column phase: ZB-1
Column diameter: 0.53



KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: WATER
% Solids: NA

Lab ID: WT1906-15
Client ID: TRIP BLANK
SDG: WT1906
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3162
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	10	1.0	10	10
Chloromethane	U	10	1.0	10	10
Vinyl chloride	U	10	1.0	10	10
Bromomethane	U	10	1.0	10	10
Chloroethane	U	10	1.0	10	10
Trichlorofluoromethane	U	10	1.0	10	10
1,1-Dichloroethene	U	5	1.0	5	5
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	5	1.0	5	5
1,1-Dichloroethane	U	5	1.0	5	5
cis-1,2-Dichloroethene	U	5	1.0	5	5
2,2-Dichloropropane	U	5	1.0	5	5
Chloroform	U	5	1.0	5	5
Bromochloromethane	U	5	1.0	5	5
1,1,1-Trichloroethane	U	5	1.0	5	5
1,2-Dichloroethane	U	5	1.0	5	5
1,1-Dichloropropene	U	5	1.0	5	5
Carbon Tetrachloride	U	5	1.0	5	5
Benzene	U	5	1.0	5	5
1,2-Dichloropropane	U	5	1.0	5	5
Trichloroethene	U	5	1.0	5	5
Dibromomethane	U	5	1.0	5	5
Bromodichloromethane	U	5	1.0	5	5
cis-1,3-dichloropropene	U	5	1.0	5	5
Toluene	U	5	1.0	5	5
trans-1,3-Dichloropropene	U	5	1.0	5	5
1,1,2-Trichloroethane	U	5	1.0	5	5
1,3-Dichloropropane	U	5	1.0	5	5
Dibromochloromethane	U	5	1.0	5	5
Tetrachloroethene	U	5	1.0	5	5
1,2-Dibromoethane	U	5	1.0	5	5
Chlorobenzene	U	5	1.0	5	5
1,1,1,2-Tetrachloroethane	U	5	1.0	5	5
Ethylbenzene	U	5	1.0	5	5
Bromoform	U	5	1.0	5	5
Styrene	U	5	1.0	5	5
1,1,2,2-Tetrachloroethane	U	5	1.0	5	5
1,2,3-Trichloropropane	U	5	1.0	5	5
Isopropylbenzene	U	5	1.0	5	5
Bromobenzene	U	5	1.0	5	5
2-Chlorotoluene	U	5	1.0	5	5
N-Propylbenzene	U	5	1.0	5	5
4-Chlorotoluene	U	5	1.0	5	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

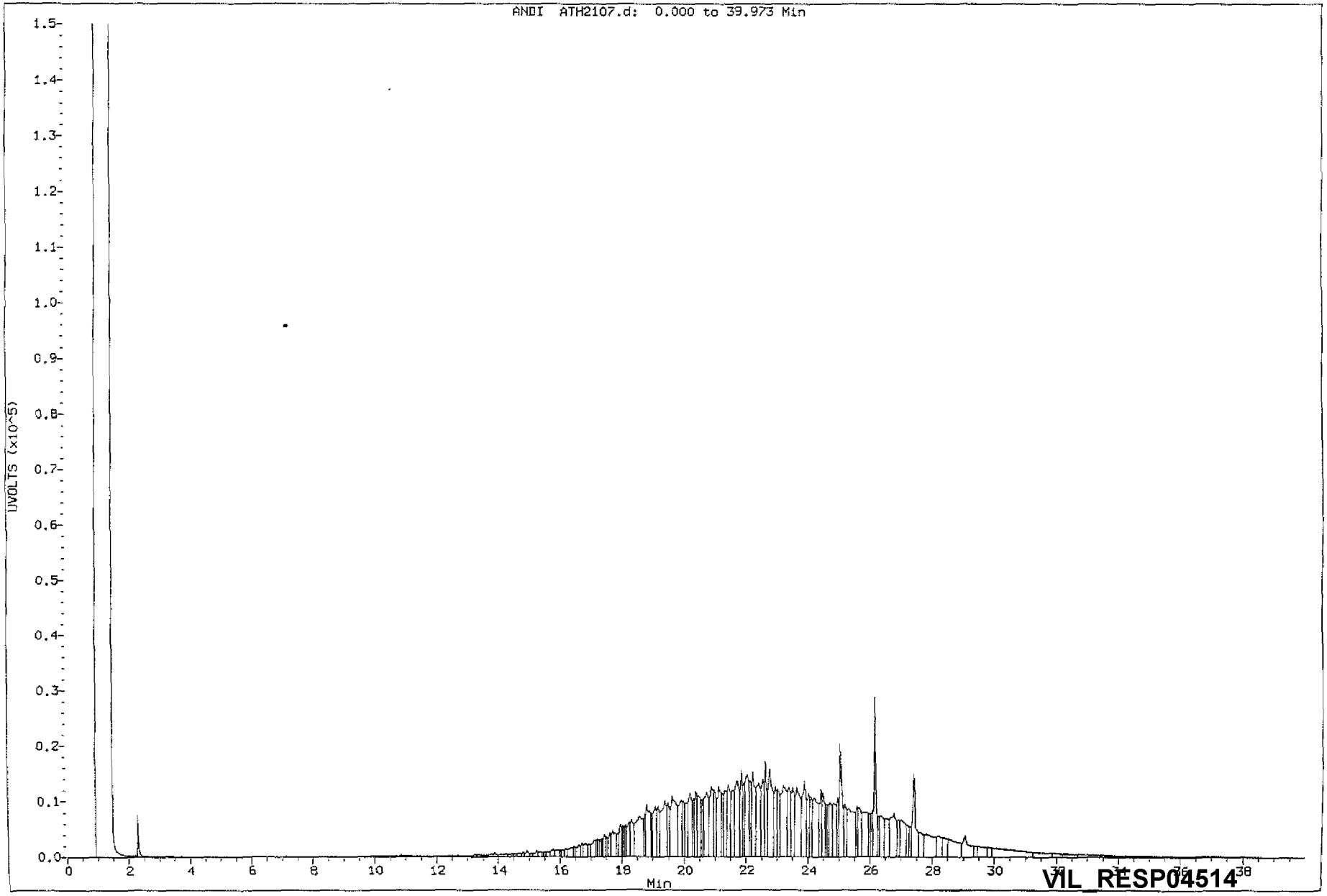
Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/04/03
Received Date: 08/05/03
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: WATER
% Solids: NA

Lab ID: WT1906-15
Client ID: TRIP BLANK
SDG: WT1906
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3162
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	5	1.0	5	5
tert-Butylbenzene	U	5	1.0	5	5
1,2,4-Trichlorobenzene	U	5	1.0	5	5
sec-Butylbenzene	U	5	1.0	5	5
1,3-Dichlorobenzene	U	5	1.0	5	5
P-Isopropyltoluene	U	5	1.0	5	5
1,4-Dichlorobenzene	U	5	1.0	5	5
1,2-Dichlorobenzene	U	5	1.0	5	5
N-Butylbenzene	U	5	1.0	5	5
1,2-Dibromo-3-Chloropropane	U	5	1.0	5	5
1,2,4-Trimethylbenzene	U	5	1.0	5	5
Naphthalene	U	5	1.0	5	5
Hexachlorobutadiene	U	5	1.0	5	5
1,2,3-Trichlorobenzene	U	5	1.0	5	5
Methyl tert-butyl ether	U	5	1.0	5	5
Acetone	U	10	1.0	10	10
2-Butanone	U	10	1.0	10	10
4-methyl-2-pentanone	U	10	1.0	10	10
2-Hexanone	U	10	1.0	10	10
m+p-Xylenes	U	10	1.0	10	10
o-Xylene	U	5	1.0	5	5
1,3,5-Trichlorobenzene	U	5	1.0	5	5
Vinyl Acetate	U	5	1.0	5	5
Carbon Disulfide	U	5	1.0	5	5
Diethyl Ether	U	5	1.0	5	5
Tetrahydrofuran	U	10	1.0	10	10
1,2-Dichloroethylene (total)	U	10	1.0	10	10
Xylenes (total)	U	15	1.0	15	15
Dibromofluoromethane		108%			
1,2-Dichloroethane-D4		115%			
Toluene-D8		100%			
P-Bromofluorobenzene		99%			

WT1906-14

Data File: \\Target_server\GC\chem\gc10.i\GC10TH14B1.b\ATH2107.d
Injection Date: 14-AUG-2003 18:16
Instrument: gc10.i
Client Sample ID: HA-6.0-0.3



VIL_RESP04514

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1906-14
Report Date: 8/15/03 6:12:41 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1906

Sample Description	Matrix	Date Sampled	Date Received
HA-6,0-0.3	SL	08/05/2003	08/05/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	96 %	0.1	CLP SOW 788	08/11/03 07:05	JF	CLP SOW 788	08/08/03	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3162-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: 7 DEPOT STREET SDG No.: WT1906

Lab File ID: M9962 Lab Sample ID: WG3162-2

Date Analyzed: 08/13/03 Time Analyzed: 1217

GC Column: RTX-624 ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG3162-LCS	WG3162-1	M9959	08/13/03	0935
02	TRIP BLANK	WT1906-15	M9964	08/13/03	1337
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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16					
17					
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22					
23					
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25					
26					
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28					
29					
30					

COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: WATER
% Solids: NA

Lab ID: WG3162-2
Client ID: WG3162-Blank
SDG: WG3162
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3162
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	1	1.0	1	1
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	1	1.0	1	1
1,1-Dichloroethene	U	1	1.0	1	1
Methylene Chloride	U	1	1.0	1	1
trans-1,2-Dichloroethene	U	1	1.0	1	1
1,1-Dichloroethane	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
1,1,1-Trichloroethane	U	1	1.0	1	1
1,2-Dichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Benzene	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
Tetrachloroethene	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
Chlorobenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1
4-Chlorotoluene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date.
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: WATER
% Solids: NA

Lab ID: WG3162-2
Client ID: WG3162-Blank
SDG: WG3162
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3162
Units: ug/l

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
1,2-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetone	U	1	1.0	1	1
2-Butanone	U	1	1.0	1	1
4-methyl-2-pentanone	U	1	1.0	1	1
2-Hexanone	U	1	1.0	1	1
m+p-Xylenes	U	1	1.0	1	1
o-Xylene	U	1	1.0	1	1
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tetrahydrofuran	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	1	1.0	1	1
Xylenes (total)	U	1	1.0	1	1
Dibromofluoromethane		106%			
1,2-Dichloroethane-D4		112%			
Toluene-D8		100%			
P-Bromofluorobenzene		102%			

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date: 08/13/03
Received Date: 08/13/03
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/20/2003
Matrix: WATER

Lab ID: WG3162-1
Client ID: WG3162-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3162
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	68	136	4-217
Chloromethane	50	NA	64	128	40-163
Vinyl chloride	50	NA	62	124	55-151
Bromomethane	50	NA	58	116	24-217
Chloroethane	50	NA	67	133	69-134
Trichlorofluoromethane	50	NA	63	127	71-147
Diethyl Ether	50	NA	58	116	67-135
Tertiary-butyl alcohol		NA			58-146
1,1-Dichloroethene	50	NA	56	111	78-136
Carbon Disulfide	50	NA	62	124	70-136
Freon-113	50	NA	59	119	60-140
Iodomethane	50	NA	60	119	60-140
Acrolein	250	NA	309	124	0-199
Methylene Chloride	50	NA	56	112	52-115
Acetone	50	NA	68	136	0-158
Isobutyl Alcohol	1000	NA	800	80	60-140
trans-1,2-Dichloroethene	50	NA	56	111	84-131
Allyl Chloride	50	NA	59	119	60-140
Methyl tert-butyl ether	100	NA	120	120	62-130
Acetonitrile	500	NA	532	106	53-141
Di-isopropyl ether	50	NA	59	118	82-130
Hexane		NA			60-140
Chloroprene	50	NA	60	121	60-140
Methacrylonitrile	500	NA	602	120	60-140
Propionitrile	500	NA	522	104	60-140
1,1-Dichloroethane	50	NA	56	113	81-134
Acrylonitrile	250	NA	295	118	29-172
Ethyl tertiary-butyl ether	50	NA	58	115	85-124
Vinyl Acetate	50	NA	48	96	68-174
cis-1,2-Dichloroethene	50	NA	50	101	84-123
1,2-Dichloroethylene (total)	100	NA	106	106	84-131
Methyl Methacrylate	50	NA	59	118	60-140
2,2-Dichloropropane	50	NA	55	110	69-150
Bromochloromethane	50	NA	57	115	77-146
Chloroform	50	NA	54	108	80-130
Carbon Tetrachloride	50	NA	51	102	74-137
Tetrahydrofuran	50	NA	59	118	32-140
1,1,1-Trichloroethane	50	NA	54	109	76-138
1,1-Dichloropropene	50	NA	52	105	82-120
2-Butanone	50	NA	59	118	49-154
Benzene	50	NA	52	105	88-120
Cyclohexane		NA			60-140
Ethyl Methacrylate	50	NA	58	116	60-140
Methyl Acrylate	50	NA	0.00 *	0	60-140
Tertiary-amyl methyl ether	50	NA	55	110	85-125

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date: 08/13/03
Received Date: 08/13/03
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/20/2003
Matrix: WATER

Lab ID: WG3162-1
Client ID: WG3162-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3162
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2-Dichloroethane	50	NA	56		112	78-138
Trichloroethene	50	NA	50		100	80-125
Dibromomethane	50	NA	55		110	88-130
1,2-Dichloropropane	50	NA	54		107	80-122
Bromodichloromethane	50	NA	50		100	83-133
cis-1,3-dichloropropene	50	NA	54		107	81-138
1-Chlorohexane	50	NA	0.00	*	0	75-125
1,4-Dioxane		NA				60-140
2-Chloroethylvinylether	50	NA	62		123	50-211
Toluene	50	NA	52		105	88-121
4-methyl-2-pentanone	50	NA	59		119	72-140
Tetrachloroethene	50	NA	49		98	77-129
trans-1,3-Dichloropropene	50	NA	56		112	81-149
1,1,2-Trichloroethane	50	NA	54		107	82-126
Dibromochloromethane	50	NA	52		104	80-133
1,3-Dichloropropane	50	NA	55		109	86-125
1,2-Dibromoethane	50	NA	53		106	88-127
2-Hexanone	50	NA	59		118	45-146
Chlorobenzene	50	NA	51		102	84-123
Ethylbenzene	50	NA	51		102	84-134
1,1,1,2-Tetrachloroethane	50	NA	51		102	83-130
Xylenes (total)	150	NA	155		103	88-123
m+p-Xylenes	100	NA	104		104	88-122
o-Xylene	50	NA	52		103	90-123
Styrene	50	NA	51		102	87-131
Bromoform	50	NA	52		104	77-138
Isopropylbenzene	50	NA	57		115	88-125
cis-1,4-Dichloro-2-Butene	50	NA	61		122	60-140
trans-1,4-Dichloro-2-Butene	50	NA	60		119	60-140
Bromobenzene	50	NA	53		107	84-133
N-Propylbenzene	50	NA	55		111	88-124
2-bromo-1-chloropropane		NA				60-140
1,1,2,2-Tetrachloroethane	50	NA	59		117	81-131
1,3,5-Trimethylbenzene	50	NA	53		107	89-124
2-Chlorotoluene	50	NA	54		109	84-128
1,2,3-Trichloropropane	50	NA	59		117	76-132
4-Chlorotoluene	50	NA	55		110	86-132
tert-Butylbenzene	50	NA	53		106	82-131
Pentachloroethane	50	NA	62		125	60-140
1,2,4-Trimethylbenzene	50	NA	52		103	88-121
P-Isopropyltoluene	50	NA	53		106	86-122
1,3-Dichlorobenzene	50	NA	55		111	86-124
1,4-Dichlorobenzene	50	NA	55		110	80-127
N-Butylbenzene	50	NA	51		102	81-133
sec-Butylbenzene	50	NA	52		104	85-122

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date: 08/13/03
Received Date: 08/13/03
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/20/2003
Matrix: WATER

Lab ID: WG3162-1
Client ID: WG3162-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3162
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2-Dichlorobenzene	50	NA	55	109	86-126
1,2-Dibromo-3-Chloropropane	50	NA	57	114	61-136
1,3,5-Trichlorobenzene	50	NA	52	104	67-128
Hexachlorobutadiene	50	NA	46	91	52-129
1,2,4-Trichlorobenzene	50	NA	49	98	53-157
1,2,3-Trimethylbenzene	50	NA	55	110	60-140
Naphthalene	50	NA	48	97	45-151
1,2,3-Trichlorobenzene	50	NA	48	96	30-164

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3228-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: 7 DEPOT STREET SDG No.: WT1906

Lab File ID: M9996 Lab Sample ID: WG3228-2

Date Analyzed: 08/18/03 Time Analyzed: 1752

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG3228-LCS	WG3228-1	M9994	08/18/03	1620
02	TP-111,2-4	WT1906-9	M9997	08/18/03	1838
03	HA-6,0-0.3	WT1906-14RA	M10000	08/18/03	2054
04					
05					
06					
07					
08					
09					
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11					
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17					
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22					
23					
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25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3228-2
Client ID: WG3228-Blank
SDG: WG3228
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	10	1.0	10	10
Chloromethane	U	10	1.0	10	10
Vinyl chloride	U	10	1.0	10	10
Bromomethane	U	10	1.0	10	10
Chloroethane	U	10	1.0	10	10
Trichlorofluoromethane	U	10	1.0	10	10
1,1-Dichloroethene	U	5	1.0	5	5
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	5	1.0	5	5
1,1-Dichloroethane	U	5	1.0	5	5
cis-1,2-Dichloroethene	U	5	1.0	5	5
2,2-Dichloropropane	U	5	1.0	5	5
Chloroform	U	5	1.0	5	5
Bromochloromethane	U	5	1.0	5	5
1,1,1-Trichloroethane	U	5	1.0	5	5
1,2-Dichloroethane	U	5	1.0	5	5
1,1-Dichloropropene	U	5	1.0	5	5
Carbon Tetrachloride	U	5	1.0	5	5
Benzene	U	5	1.0	5	5
1,2-Dichloropropane	U	5	1.0	5	5
Trichloroethene	U	5	1.0	5	5
Dibromomethane	U	5	1.0	5	5
Bromodichloromethane	U	5	1.0	5	5
cis-1,3-dichloropropene	U	5	1.0	5	5
Toluene	U	5	1.0	5	5
trans-1,3-Dichloropropene	U	5	1.0	5	5
1,1,2-Trichloroethane	U	5	1.0	5	5
1,3-Dichloropropane	U	5	1.0	5	5
Dibromochloromethane	U	5	1.0	5	5
Tetrachloroethene	U	5	1.0	5	5
1,2-Dibromoethane	U	5	1.0	5	5
Chlorobenzene	U	5	1.0	5	5
1,1,1,2-Tetrachloroethane	U	5	1.0	5	5
Ethylbenzene	U	5	1.0	5	5
Bromoform	U	5	1.0	5	5
Styrene	U	5	1.0	5	5
1,1,2,2-Tetrachloroethane	U	5	1.0	5	5
1,2,3-Trichloropropane	U	5	1.0	5	5
Isopropylbenzene	U	5	1.0	5	5
Bromobenzene	U	5	1.0	5	5
2-Chlorotoluene	U	5	1.0	5	5
N-Propylbenzene	U	5	1.0	5	5
4-Chlorotoluene	U	5	1.0	5	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3228-2
Client ID: WG3228-Blank
SDG: WG3228
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	5	1.0	5	5
tert-Butylbenzene	U	5	1.0	5	5
1,2,4-Trichlorobenzene	U	5	1.0	5	5
sec-Butylbenzene	U	5	1.0	5	5
1,3-Dichlorobenzene	U	5	1.0	5	5
P-Isopropyltoluene	U	5	1.0	5	5
1,4-Dichlorobenzene	U	5	1.0	5	5
1,2-Dichlorobenzene	U	5	1.0	5	5
N-Butylbenzene	U	5	1.0	5	5
1,2-Dibromo-3-Chloropropane	U	5	1.0	5	5
1,2,4-Trimethylbenzene	U	5	1.0	5	5
Naphthalene	U	5	1.0	5	5
Hexachlorobutadiene	U	5	1.0	5	5
1,2,3-Trichlorobenzene	U	5	1.0	5	5
Methyl tert-butyl ether	U	5	1.0	5	5
Acetone	U	20	1.0	20	20
2-Butanone	U	20	1.0	20	20
4-methyl-2-pentanone	U	20	1.0	20	20
2-Hexanone	U	20	1.0	20	20
m+p-Xylenes	U	10	1.0	10	10
o-Xylene	U	5	1.0	5	5
1,3,5-Trichlorobenzene	U	5	1.0	5	5
Vinyl Acetate	U	5	1.0	5	5
Carbon Disulfide	U	5	1.0	5	5
Diethyl Ether	U	5	1.0	5	5
Tetrahydrofuran	U	50	1.0	50	50
1,2-Dichloroethylene (total)	U	10	1.0	10	10
Xylenes (total)	U	15	1.0	15	15
Dibromofluoromethane		* 65%			
1,2-Dichloroethane-D4		66%			
Toluene-D8		74%			
P-Bromofluorobenzene		77%			

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3228-1
Client ID: WG3228-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	77		154	0-184
Chloromethane	50	NA	71		142	33-158
Vinyl chloride	50	NA	60		120	40-162
Bromomethane	50	NA	25	*	51	53-133
Chloroethane	50	NA	58		116	61-132
Trichlorofluoromethane	50	NA	58		117	60-138
Diethyl Ether	50	NA	49		98	66-135
Tertiary-butyl alcohol	250	NA	249		100	60-140
1,1-Dichloroethene	50	NA	54		108	65-142
Carbon Disulfide	50	NA	45		90	60-134
Freon-113	50	NA	52		105	60-140
Iodomethane	50	NA	23	*	45	60-140
Acrolein	250	NA	240		96	38-175
Methylene Chloride	50	NA	54		107	32-127
Acetone	50	NA	39		79	0-121
Isobutyl Alcohol	1000	NA	954		95	60-140
trans-1,2-Dichloroethene	50	NA	54		108	69-135
Allyl Chloride	50	NA	50		101	60-140
Methyl tert-butyl ether	100	NA	94		94	0-344
Acetonitrile	500	NA	461		92	60-140
Di-isopropyl ether	50	NA	48		97	60-140
Hexane		NA				60-140
Chloroprene	50	NA	51		103	60-140
Methacrylonitrile	500	NA	483		97	60-140
Propionitrile	500	NA	493		99	60-140
1,1-Dichloroethane	50	NA	50		99	63-143
Acrylonitrile	250	NA	247		99	2-184
Ethyl tertiary-butyl ether	50	NA	48		96	60-140
Vinyl Acetate	50	NA	33		65	0-223
cis-1,2-Dichloroethene	50	NA	46		92	77-125
1,2-Dichloroethylene (total)	100	NA	100		100	69-135
Methyl Methacrylate	50	NA	49		98	60-140
2,2-Dichloropropane	50	NA	49		98	56-144
Bromochloromethane	50	NA	45		91	78-126
Chloroform	50	NA	48		95	76-123
Carbon Tetrachloride	50	NA	51		102	66-127
Tetrahydrofuran	50	NA	42		83	31-164
1,1,1-Trichloroethane	50	NA	50		101	75-127
1,1-Dichloropropene	50	NA	50		100	53-130
2-Butanone	50	NA	38		77	39-137
Benzene	50	NA	48		97	83-120
Cyclohexane		NA				60-140
Ethyl Methacrylate	50	NA	49		99	60-140
Methyl Acrylate		NA				60-140
Tertiary-amyl methyl ether	50	NA	47		94	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3228-1
Client ID: WG3228-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2-Dichloroethane	50	NA	47		94	78-125
Trichloroethene	50	NA	46		91	79-118
Dibromomethane	50	NA	48		97	82-124
1,2-Dichloropropane	50	NA	48		95	76-120
Bromodichloromethane	50	NA	45		91	81-124
cis-1,3-dichloropropene	50	NA	47		94	77-141
1-Chlorohexane	50	NA	0.00	*	0	60-140
1,4-Dioxane		NA				60-140
2-Chloroethylvinylether	50	NA	0.00		0	0-232
Toluene	50	NA	47		95	77-124
4-methyl-2-pentanone	50	NA	52		105	59-165
Tetrachloroethene	50	NA	53		106	61-127
trans-1,3-Dichloropropene	50	NA	50		101	74-151
1,1,2-Trichloroethane	50	NA	47		94	34-154
Dibromochloromethane	50	NA	48		96	72-131
1,3-Dichloropropane	50	NA	47		94	76-129
1,2-Dibromoethane	50	NA	48		96	79-128
2-Hexanone	50	NA	45		90	60-144
Chlorobenzene	50	NA	47		95	80-121
Ethylbenzene	50	NA	47		95	79-149
1,1,1,2-Tetrachloroethane	50	NA	47		95	77-127
Xylenes (total)	150	NA	142		95	71-136
m+p-Xylenes	100	NA	94		94	73-126
o-Xylene	50	NA	48		96	71-136
Styrene	50	NA	46		93	73-134
Bromoform	50	NA	49		98	58-145
Isopropylbenzene	50	NA	51		101	70-133
cis-1,4-Dichloro-2-Butene	50	NA	46		92	60-140
trans-1,4-Dichloro-2-Butene	50	NA	40		81	60-140
Bromobenzene	50	NA	45		91	72-121
N-Propylbenzene	50	NA	47		94	65-139
2-bromo-1-chloropropane		NA				60-140
1,1,2,2-Tetrachloroethane	50	NA	46		93	79-127
1,3,5-Trimethylbenzene	50	NA	40		80	73-129
2-Chlorotoluene	50	NA	45		91	72-123
1,2,3-Trichloropropane	50	NA	49		98	41-133
4-Chlorotoluene	50	NA	46		91	58-134
tert-Butylbenzene	50	NA	46		93	72-130
Pentachloroethane	50	NA	43		85	60-140
1,2,4-Trimethylbenzene	50	NA	43		86	70-124
P-Isopropyltoluene	50	NA	47		93	69-132
1,3-Dichlorobenzene	50	NA	46		91	70-120
1,4-Dichlorobenzene	50	NA	46		91	58-121
N-Butylbenzene	50	NA	44		89	66-135
sec-Butylbenzene	50	NA	42		84	72-131

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/18/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3228-1
Client ID: WG3228-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3228
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2-Dichlorobenzene	50	NA	46	91	70-123
1,2-Dibromo-3-Chloropropane	50	NA	47	95	1-190
1,3,5-Trichlorobenzene	50	NA	46	91	17-144
Hexachlorobutadiene	50	NA	44	88	15-147
1,2,4-Trichlorobenzene	50	NA	42	84	7-151
1,2,3-Trimethylbenzene	50	NA	48	96	60-140
Naphthalene	50	NA	43	86	8-165
1,2,3-Trichlorobenzene	50	NA	43	86	1-156

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3160-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: 7 DEPOT STREET SDG No.: WT1906

Lab File ID: S7932 Lab Sample ID: WG3160-2

Date Analyzed: 08/13/03 Time Analyzed: 1037

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG3160-LCS	WG3160-1	S7931	08/13/03	0953
02	TP-101,8-10	WT1906-1	S7946	08/13/03	1957
03	TP-107,8-10	WT1906-7	S7948	08/13/03	2114
04					
05					
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COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3160-2
Client ID: WG3160-Blank
SDG: WG3160
Extracted by:
Extraction Method: SW846 5035
Analyst: KMB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	5	1.0	5	5
Chloromethane	U	5	1.0	5	5
Vinyl chloride	U	5	1.0	5	5
Bromomethane	U	5	1.0	5	5
Chloroethane	U	5	1.0	5	5
Trichlorofluoromethane	U	5	1.0	5	5
1,1-Dichloroethene	U	5	1.0	5	5
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	5	1.0	5	5
1,1-Dichloroethane	U	5	1.0	5	5
cis-1,2-Dichloroethene	U	5	1.0	5	5
2,2-Dichloropropane	U	5	1.0	5	5
Chloroform	U	5	1.0	5	5
Bromochloromethane	U	5	1.0	5	5
1,1,1-Trichloroethane	U	5	1.0	5	5
1,2-Dichloroethane	U	5	1.0	5	5
1,1-Dichloropropene	U	5	1.0	5	5
Carbon Tetrachloride	U	5	1.0	5	5
Benzene	U	5	1.0	5	5
1,2-Dichloropropane	U	5	1.0	5	5
Trichloroethene	U	5	1.0	5	5
Dibromomethane	U	5	1.0	5	5
Bromodichloromethane	U	5	1.0	5	5
cis-1,3-dichloropropene	U	5	1.0	5	5
Toluene	U	5	1.0	5	5
trans-1,3-Dichloropropene	U	5	1.0	5	5
1,1,2-Trichloroethane	U	5	1.0	5	5
1,3-Dichloropropane	U	5	1.0	5	5
Dibromochloromethane	U	5	1.0	5	5
Tetrachloroethene	U	5	1.0	5	5
1,2-Dibromoethane	U	5	1.0	5	5
Chlorobenzene	U	5	1.0	5	5
1,1,1,2-Tetrachloroethane	U	5	1.0	5	5
Ethylbenzene	U	5	1.0	5	5
Bromoform	U	5	1.0	5	5
Styrene	U	5	1.0	5	5
1,1,2,2-Tetrachloroethane	U	5	1.0	5	5
1,2,3-Trichloropropane	U	5	1.0	5	5
Isopropylbenzene	U	5	1.0	5	5
Bromobenzene	U	5	1.0	5	5
2-Chlorotoluene	U	5	1.0	5	5
N-Propylbenzene	U	5	1.0	5	5
4-Chlorotoluene	U	5	1.0	5	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3160-2
Client ID: WG3160-Blank
SDG: WG3160
Extracted by:
Extraction Method: SW846 5035
Analyst: KMB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	5	1.0	5	5
tert-Butylbenzene	U	5	1.0	5	5
1,2,4-Trichlorobenzene	U	5	1.0	5	5
sec-Butylbenzene	U	5	1.0	5	5
1,3-Dichlorobenzene	U	5	1.0	5	5
P-Isopropyltoluene	U	5	1.0	5	5
1,4-Dichlorobenzene	U	5	1.0	5	5
1,2-Dichlorobenzene	U	5	1.0	5	5
N-Butylbenzene	U	5	1.0	5	5
1,2-Dibromo-3-Chloropropane	U	5	1.0	5	5
1,2,4-Trimethylbenzene	U	5	1.0	5	5
Naphthalene	U	5	1.0	5	5
Hexachlorobutadiene	U	5	1.0	5	5
1,2,3-Trichlorobenzene	U	5	1.0	5	5
Methyl tert-butyl ether	U	5	1.0	5	5
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	5	1.0	5	5
o-Xylene	U	5	1.0	5	5
1,3,5-Trichlorobenzene	U	5	1.0	5	5
Vinyl Acetate	U	5	1.0	5	5
Carbon Disulfide	U	5	1.0	5	5
Diethyl Ether	U	5	1.0	5	5
Tetrahydrofuran	U	5	1.0	5	5
1,2-Dichloroethylene (total)	U	5	1.0	5	5
Xylenes (total)	U	5	1.0	5	5
Dibromofluoromethane		92%			
1,2-Dichloroethane-D4		90%			
Toluene-D8		96%			
P-Bromofluorobenzene		88%			

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3160-1
Client ID: WG3160-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: KMB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	88	175	0-184
Chloromethane	50	NA	63	125	33-158
Vinyl chloride	50	NA	69	137	40-162
Bromomethane	50	NA	57	115	53-133
Chloroethane	50	NA	66	132	61-132
Trichlorofluoromethane	50	NA	62	124	60-138
Diethyl Ether	50	NA	60	120	66-135
Tertiary-butyl alcohol	250	NA	270	108	60-140
1,1-Dichloroethene	50	NA	58	115	65-142
Carbon Disulfide	50	NA	50	100	60-134
Freon-113	50	NA	53	106	60-140
Iodomethane	50	NA	40	80	60-140
Acrolein	250	NA	260	104	38-175
Methylene Chloride	50	NA	56	111	32-127
Acetone	50	NA	44	87	0-121
Isobutyl Alcohol	1000	NA	1010	101	60-140
trans-1,2-Dichloroethene	50	NA	55	110	69-135
Allyl Chloride	50	NA	52	105	60-140
Methyl tert-butyl ether	100	NA	105	105	0-344
Acetonitrile	500	NA	561	112	60-140
Di-isopropyl ether	50	NA	54	108	60-140
Hexane	50	NA	54	108	60-140
Chloroprene	50	NA	53	105	60-140
Methacrylonitrile	500	NA	542	108	60-140
Propionitrile	500	NA	531	106	60-140
1,1-Dichloroethane	50	NA	55	111	63-143
Acrylonitrile	250	NA	273	109	2-184
Ethyl tertiary-butyl ether	50	NA	53	106	60-140
Vinyl Acetate	50	NA	41	82	0-223
cis-1,2-Dichloroethene	50	NA	53	106	77-125
1,2-Dichloroethylene (total)	100	NA	108	108	69-135
Methyl Methacrylate	50	NA	53	106	60-140
2,2-Dichloropropane	50	NA	55	110	56-144
Bromochloromethane	50	NA	55	111	78-126
Chloroform	50	NA	52	104	76-123
Carbon Tetrachloride	50	NA	54	108	66-127
Tetrahydrofuran	50	NA	42	83	31-164
1,1,1-Trichloroethane	50	NA	56	112	75-127
1,1-Dichloropropene	50	NA	53	106	53-130
2-Butanone	50	NA	66	132	39-137
Benzene	50	NA	53	106	83-120
Cyclohexane	50	NA	52	105	60-140
Ethyl Methacrylate	50	NA	54	107	60-140
Methyl Acrylate	50	NA	52	105	60-140
Tertiary-amyl methyl ether	50	NA	54	107	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3160-1
Client ID: WG3160-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: KMB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2-Dichloroethane	50	NA	54		108	78-125
Trichloroethene	50	NA	51		101	79-118
Dibromomethane	50	NA	54		108	82-124
1,2-Dichloropropane	50	NA	53		105	76-120
Bromodichloromethane	50	NA	49		98	81-124
cis-1,3-dichloropropene	50	NA	53		106	77-141
1-Chlorohexane	50	NA	0.00	*	0	60-140
1,4-Dioxane	1000	NA	957		96	60-140
2-Chloroethylvinylether	50	NA	54		108	0-232
Toluene	50	NA	53		106	77-124
4-methyl-2-pentanone	50	NA	58		115	59-165
Tetrachloroethene	50	NA	52		104	61-127
trans-1,3-Dichloropropene	50	NA	57		113	74-151
1,1,2-Trichloroethane	50	NA	50		100	34-154
Dibromochloromethane	50	NA	53		106	72-131
1,3-Dichloropropane	50	NA	52		104	76-129
1,2-Dibromoethane	50	NA	51		102	79-128
2-Hexanone	50	NA	50		100	60-144
Chlorobenzene	50	NA	52		105	80-121
Ethylbenzene	50	NA	52		103	79-149
1,1,1,2-Tetrachloroethane	50	NA	51		102	77-127
Xylenes (total)	150	NA	159		106	71-136
m+p-Xylenes	100	NA	105		105	73-126
o-Xylene	50	NA	54		107	71-136
Styrene	50	NA	52		104	73-134
Bromoform	50	NA	51		102	58-145
Isopropylbenzene	50	NA	54		109	70-133
cis-1,4-Dichloro-2-Butene	50	NA	51		102	60-140
trans-1,4-Dichloro-2-Butene	50	NA	54		108	60-140
Bromobenzene	50	NA	49		98	72-121
N-Propylbenzene	50	NA	52		104	65-139
2-bromo-1-chloropropane	50	NA	49		97	60-140
1,1,2,2-Tetrachloroethane	50	NA	53		107	79-127
1,3,5-Trimethylbenzene	50	NA	49		97	73-129
2-Chlorotoluene	50	NA	52		103	72-123
1,2,3-Trichloropropane	50	NA	53		106	41-133
4-Chlorotoluene	50	NA	52		105	58-134
tert-Butylbenzene	50	NA	52		104	72-130
Pentachloroethane	50	NA	52		103	60-140
1,2,4-Trimethylbenzene	50	NA	49		97	70-124
P-Isopropyltoluene	50	NA	52		104	69-132
1,3-Dichlorobenzene	50	NA	53		107	70-120
1,4-Dichlorobenzene	50	NA	50		101	58-121
N-Butylbenzene	50	NA	50		100	66-135
sec-Butylbenzene	50	NA	51		103	72-131

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3160-1
Client ID: WG3160-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: KMB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3160
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2-Dichlorobenzene	50	NA	49	99	70-123
1,2-Dibromo-3-Chloropropane	50	NA	51	102	1-190
1,3,5-Trichlorobenzene	50	NA	54	109	17-144
Hexachlorobutadiene	50	NA	47	94	15-147
1,2,4-Trichlorobenzene	50	NA	48	97	7-151
1,2,3-Trimethylbenzene	50	NA	55	109	60-140
Naphthalene	50	NA	47	93	8-165
1,2,3-Trichlorobenzene	50	NA	48	97	1-156

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3182-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: 7 DEPOT STREET SDG No.: WT1906

Lab File ID: S7952 Lab Sample ID: WG3182-2

Date Analyzed: 08/14/03 Time Analyzed: 1205

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG3182-LCS	WG3182-1	S7950	08/14/03	1048
02	TP-101,8-10	WT1906-1RA	S7953	08/14/03	1306
03	TP-104,10-12	WT1906-4RA	S7954	08/14/03	1344
04	TP-107,8-10	WT1906-7RA	S7955	08/14/03	1423
05	HA-6,0-0.3	WT1906-14	S7957	08/14/03	1540
06					
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COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3182-2
Client ID: WG3182-Blank
SDG: WG3182
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	5	1.0	5	5
Chloromethane	U	5	1.0	5	5
Vinyl chloride	U	5	1.0	5	5
Bromomethane	U	5	1.0	5	5
Chloroethane	U	5	1.0	5	5
Trichlorofluoromethane	U	5	1.0	5	5
1,1-Dichloroethene	U	5	1.0	5	5
Methylene Chloride	U	5	1.0	5	5
trans-1,2-Dichloroethene	U	5	1.0	5	5
1,1-Dichloroethane	U	5	1.0	5	5
cis-1,2-Dichloroethene	U	5	1.0	5	5
2,2-Dichloropropane	U	5	1.0	5	5
Chloroform	U	5	1.0	5	5
Bromochloromethane	U	5	1.0	5	5
1,1,1-Trichloroethane	U	5	1.0	5	5
1,2-Dichloroethane	U	5	1.0	5	5
1,1-Dichloropropene	U	5	1.0	5	5
Carbon Tetrachloride	U	5	1.0	5	5
Benzene	U	5	1.0	5	5
1,2-Dichloropropane	U	5	1.0	5	5
Trichloroethene	U	5	1.0	5	5
Dibromomethane	U	5	1.0	5	5
Bromodichloromethane	U	5	1.0	5	5
cis-1,3-dichloropropene	U	5	1.0	5	5
Toluene	U	5	1.0	5	5
trans-1,3-Dichloropropene	U	5	1.0	5	5
1,1,2-Trichloroethane	U	5	1.0	5	5
1,3-Dichloropropane	U	5	1.0	5	5
Dibromochloromethane	U	5	1.0	5	5
Tetrachloroethene	U	5	1.0	5	5
1,2-Dibromoethane	U	5	1.0	5	5
Chlorobenzene	U	5	1.0	5	5
1,1,1,2-Tetrachloroethane	U	5	1.0	5	5
Ethylbenzene	U	5	1.0	5	5
Bromoform	U	5	1.0	5	5
Styrene	U	5	1.0	5	5
1,1,2,2-Tetrachloroethane	U	5	1.0	5	5
1,2,3-Trichloropropane	U	5	1.0	5	5
Isopropylbenzene	U	5	1.0	5	5
Bromobenzene	U	5	1.0	5	5
2-Chlorotoluene	U	5	1.0	5	5
N-Propylbenzene	U	5	1.0	5	5
4-Chlorotoluene	U	5	1.0	5	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3182-2
Client ID: WG3182-Blank
SDG: WG3182
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
1,3,5-Trimethylbenzene	U	5	1.0	5	5
tert-Butylbenzene	U	5	1.0	5	5
1,2,4-Trichlorobenzene	U	5	1.0	5	5
sec-Butylbenzene	U	5	1.0	5	5
1,3-Dichlorobenzene	U	5	1.0	5	5
P-Isopropyltoluene	U	5	1.0	5	5
1,4-Dichlorobenzene	U	5	1.0	5	5
1,2-Dichlorobenzene	U	5	1.0	5	5
N-Butylbenzene	U	5	1.0	5	5
1,2-Dibromo-3-Chloropropane	U	5	1.0	5	5
1,2,4-Trimethylbenzene	U	5	1.0	5	5
Naphthalene	U	5	1.0	5	5
Hexachlorobutadiene	U	5	1.0	5	5
1,2,3-Trichlorobenzene	U	5	1.0	5	5
Methyl tert-butyl ether	U	5	1.0	5	5
Acetone	U	5	1.0	5	5
2-Butanone	U	5	1.0	5	5
4-methyl-2-pentanone	U	5	1.0	5	5
2-Hexanone	U	5	1.0	5	5
m+p-Xylenes	U	5	1.0	5	5
o-Xylene	U	5	1.0	5	5
1,3,5-Trichlorobenzene	U	5	1.0	5	5
Vinyl Acetate	U	5	1.0	5	5
Carbon Disulfide	U	5	1.0	5	5
Diethyl Ether	U	5	1.0	5	5
Tetrahydrofuran	U	5	1.0	5	5
1,2-Dichloroethylene (total)	U	5	1.0	5	5
Xylenes (total)	U	5	1.0	5	5
Dibromofluoromethane		109%			
1,2-Dichloroethane-D4		113%			
Toluene-D8		109%			
P-Bromofluorobenzene		100%			

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3182-1
Client ID: WG3182-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	72		145	0-184
Chloromethane	50	NA	59		118	33-158
Vinyl chloride	50	NA	55		111	40-162
Bromomethane	50	NA	36		71	53-133
Chloroethane	50	NA	57		113	61-132
Trichlorofluoromethane	50	NA	51		103	60-138
Diethyl Ether	50	NA	49		98	66-135
Tertiary-butyl alcohol	250	NA	238		95	60-140
1,1-Dichloroethene	50	NA	46		91	65-142
Carbon Disulfide	50	NA	37		75	60-134
Freon-113	50	NA	43		85	60-140
Iodomethane	50	NA	21	*	41	60-140
Acrolein	250	NA	242		97	38-175
Methylene Chloride	50	NA	50		101	32-127
Acetone	50	NA	48		96	0-121
Isobutyl Alcohol	1000	NA	952		95	60-140
trans-1,2-Dichloroethene	50	NA	48		97	69-135
Allyl Chloride	50	NA	47		95	60-140
Methyl tert-butyl ether	100	NA	98		98	0-344
Acetonitrile	500	NA	493		99	60-140
Di-isopropyl ether	50	NA	49		98	60-140
Hexane	50	NA	50		100	60-140
Chloroprene	50	NA	44		89	60-140
Methacrylonitrile	500	NA	521		104	60-140
Propionitrile	500	NA	533		107	60-140
1,1-Dichloroethane	50	NA	50		100	63-143
Acrylonitrile	250	NA	258		103	2-184
Ethyl tertiary-butyl ether	50	NA	50		100	60-140
Vinyl Acetate	50	NA	38		77	0-223
cis-1,2-Dichloroethene	50	NA	46		93	77-125
1,2-Dichloroethylene (total)	100	NA	95		95	69-135
Methyl Methacrylate	50	NA	50		101	60-140
2,2-Dichloropropane	50	NA	46		92	56-144
Bromochloromethane	50	NA	51		102	78-126
Chloroform	50	NA	47		94	76-123
Carbon Tetrachloride	50	NA	44		88	66-127
Tetrahydrofuran	50	NA	38		77	31-164
1,1,1-Trichloroethane	50	NA	47		94	75-127
1,1-Dichloropropene	50	NA	45		90	53-130
2-Butanone	50	NA	59		118	39-137
Benzene	50	NA	46		92	83-120
Cyclohexane	50	NA	44		88	60-140
Ethyl Methacrylate	50	NA	48		97	60-140
Methyl Acrylate	50	NA	48		95	60-140
Tertiary-amyl methyl ether	50	NA	50		101	60-140

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3182-1
Client ID: WG3182-LCS
SDG: WT1906
Extracted by.
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2-Dichloroethane	50	NA	49	99	78-125
Trichloroethene	50	NA	42	85	79-118
Dibromomethane	50	NA	49	99	82-124
1,2-Dichloropropane	50	NA	47	95	76-120
Bromodichloromethane	50	NA	44	89	81-124
cis-1,3-dichloropropene	50	NA	47	93	77-141
1-Chlorohexane	50	NA	0.00	* 0	60-140
1,4-Dioxane	1000	NA	934	93	60-140
2-Chloroethylvinylether	50	NA	53	106	0-232
Toluene	50	NA	45	90	77-124
4-methyl-2-pentanone	50	NA	53	106	59-165
Tetrachloroethene	50	NA	50	100	61-127
trans-1,3-Dichloropropene	50	NA	51	103	74-151
1,1,2-Trichloroethane	50	NA	47	94	34-154
Dibromochloromethane	50	NA	48	95	72-131
1,3-Dichloropropane	50	NA	48	96	76-129
1,2-Dibromoethane	50	NA	48	97	79-128
2-Hexanone	50	NA	50	99	60-144
Chlorobenzene	50	NA	45	90	80-121
Ethylbenzene	50	NA	44	88	79-149
1,1,1,2-Tetrachloroethane	50	NA	47	93	77-127
Xylenes (total)	150	NA	135	90	71-136
m+p-Xylenes	100	NA	90	90	73-126
o-Xylene	50	NA	45	90	71-136
Styrene	50	NA	46	93	73-134
Bromoform	50	NA	48	95	58-145
Isopropylbenzene	50	NA	47	93	70-133
cis-1,4-Dichloro-2-Butene	50	NA	50	99	60-140
trans-1,4-Dichloro-2-Butene	50	NA	54	107	60-140
Bromobenzene	50	NA	45	90	72-121
N-Propylbenzene	50	NA	46	92	65-139
2-bromo-1-chloropropane	50	NA	45	90	60-140
1,1,2,2-Tetrachloroethane	50	NA	52	104	79-127
1,3,5-Trimethylbenzene	50	NA	44	88	73-129
2-Chlorotoluene	50	NA	45	90	72-123
1,2,3-Trichloropropane	50	NA	50	99	41-133
4-Chlorotoluene	50	NA	47	95	58-134
tert-Butylbenzene	50	NA	46	92	72-130
Pentachloroethane	50	NA	39	79	60-140
1,2,4-Trimethylbenzene	50	NA	44	88	70-124
P-Isopropyltoluene	50	NA	46	92	69-132
1,3-Dichlorobenzene	50	NA	43	85	70-120
1,4-Dichlorobenzene	50	NA	48	97	58-121
N-Butylbenzene	50	NA	45	90	66-135
sec-Butylbenzene	50	NA	45	89	72-131

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/14/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3182-1
Client ID: WG3182-LCS
SDG: WT1906
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG3182
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2-Dichlorobenzene	50	NA	47	95	70-123
1,2-Dibromo-3-Chloropropane	50	NA	50	100	1-190
1,3,5-Trichlorobenzene	50	NA	47	94	17-144
Hexachlorobutadiene	50	NA	42	85	15-147
1,2,4-Trichlorobenzene	50	NA	46	92	7-151
1,2,3-Trimethylbenzene	50	NA	48	95	60-140
Naphthalene	50	NA	46	92	8-165
1,2,3-Trichlorobenzene	50	NA	47	93	1-156

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3131-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: 7 DEPOT STREET SDG No.: WT1906

Lab Sample ID: WG3131-1 Lab File ID: 6TH1125

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3545

Sulfur Cleanup: (Y/N) N Date Extracted: 08/08/03

Date Analyzed (1): 08/13/03 Date Analyzed (2): 08/13/03

Time Analyzed (1): 0845 Time Analyzed (2): 0845

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): ZB-5 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG3131-LCS	WG3131-2	6TH1126	08/13/03	08/13/03
02	WG3131-LCSD	WG3131-3	6TH1127	08/13/03	08/13/03
03	HA-1,0-0.3	WT1906-11	6TH1151	08/15/03	08/15/03
04	HA-2,0-0.3	WT1906-12	6TH1152	08/15/03	08/15/03
05	HA-4,1-2	WT1906-13	6TH1153	08/15/03	08/15/03
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS:

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date: 08/08/03
Analysis Date: 08/13/03
Report Date: 08/20/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3131-1
Client ID: WG3131-Blank
SDG: WG3131
Extracted by: AB
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG3131
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	17	1.0	17	17
Aroclor-1221	U	17	1.0	17	17
Aroclor-1232	U	17	1.0	17	17
Aroclor-1242	U	17	1.0	17	17
Aroclor-1248	U	17	1.0	17	17
Aroclor-1254	U	17	1.0	17	17
Aroclor-1260	U	17	1.0	17	17
Tetrachloro-m-xylene		68%			
Decachlorobiphenyl		77%			

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date: 08/08/03
Analysis Date: 08/13/03
Report Date: 08/20/2003
Matrix: SOIL

Lab ID: WG3131-2 & WG3131-3
Client ID: WG3131-LCS & WG3131-LCSD
SDG: WT1906
Extracted by: AB
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG3131
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Aroclor-1016	167	167	NA	126	133	76	80	5	50	73-125
Aroclor-1260	167	167	NA	143	145	* 86	* 87	1	50	90-127

FORM III PEST-2

6TH1126.d & 6TH1127.d

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3121-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: 7 DEPOT STREET SDG No.: WT1906

Lab File ID: ATH2076 Lab Sample ID: WG3121-1

Instrument ID: GC10 Date Extracted: 08/07/03

Matrix: (soil/water) SOIL Date Analyzed: 08/13/03

Level: (low/med) LOW Time Analyzed: 1639

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG3121-LCS	WG3121-2	ATH2077	08/13/03	1728
02	WG3121-LCSD	WG3121-3	ATH2078	08/13/03	1818
03	TP-101,8-10	WT1906-1	ATH2090	08/14/03	0404
04	TP-104,10-12	WT1906-4	ATH2091	08/14/03	0453
05	TP-107,8-10	WT1906-7	ATH2092	08/14/03	0542
06	TP-111,2-4	WT1906-9	ATH2093	08/14/03	0631
07	HA-1,0-0.3	WT1906-11	ATH2094	08/14/03	0719
08	HA-4,1-2	WT1906-13DL	ATH2106	08/14/03	1727
09	HA-6,0-0.3	WT1906-14DL2	ATH2107	08/14/03	1816
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date: 08/07/03
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3121-1
Client ID: WG3121-Blank
SDG: WG3121
Extracted by: az
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics	U	5.0	1.0	5.0	5.0
O-Terphenyl		57%			

Page 01 of 01 ATH2076.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date: 08/07/03
Analysis Date: 08/13/03
Report Date: 08/19/2003
Matrix: SOIL

Lab ID: WG3121-2 & WG3121-3
Client ID: WG3121-LCS & WG3121-LCSD
SDG: WT1906
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3121
Units: mg/Kg

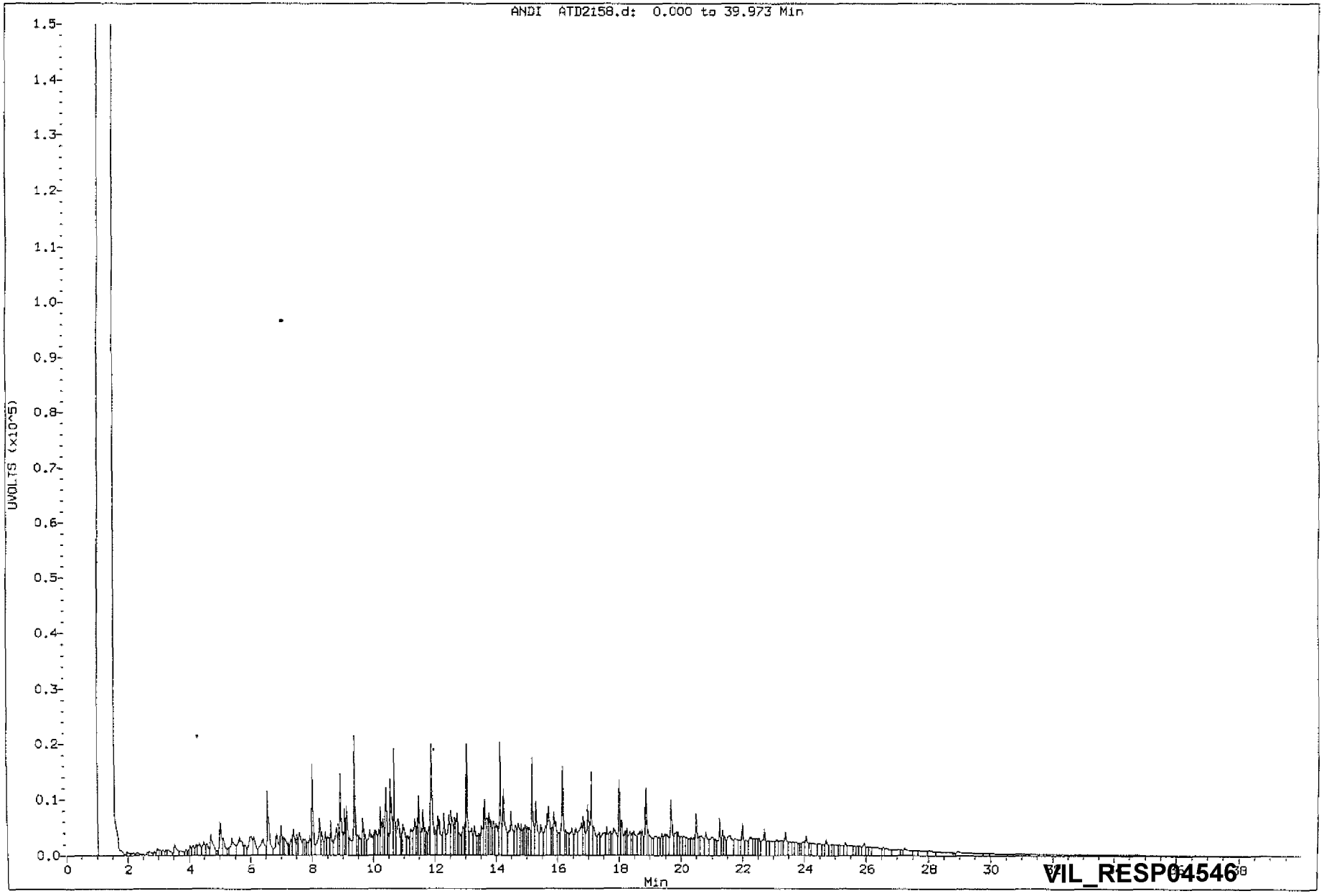
COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.		LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Diesel Range Organics	50	50	NA	31	24	61	*	48	*	25	20	60-140

FORM III SV-2

ATH2077.d & ATH2078.d

FO #4

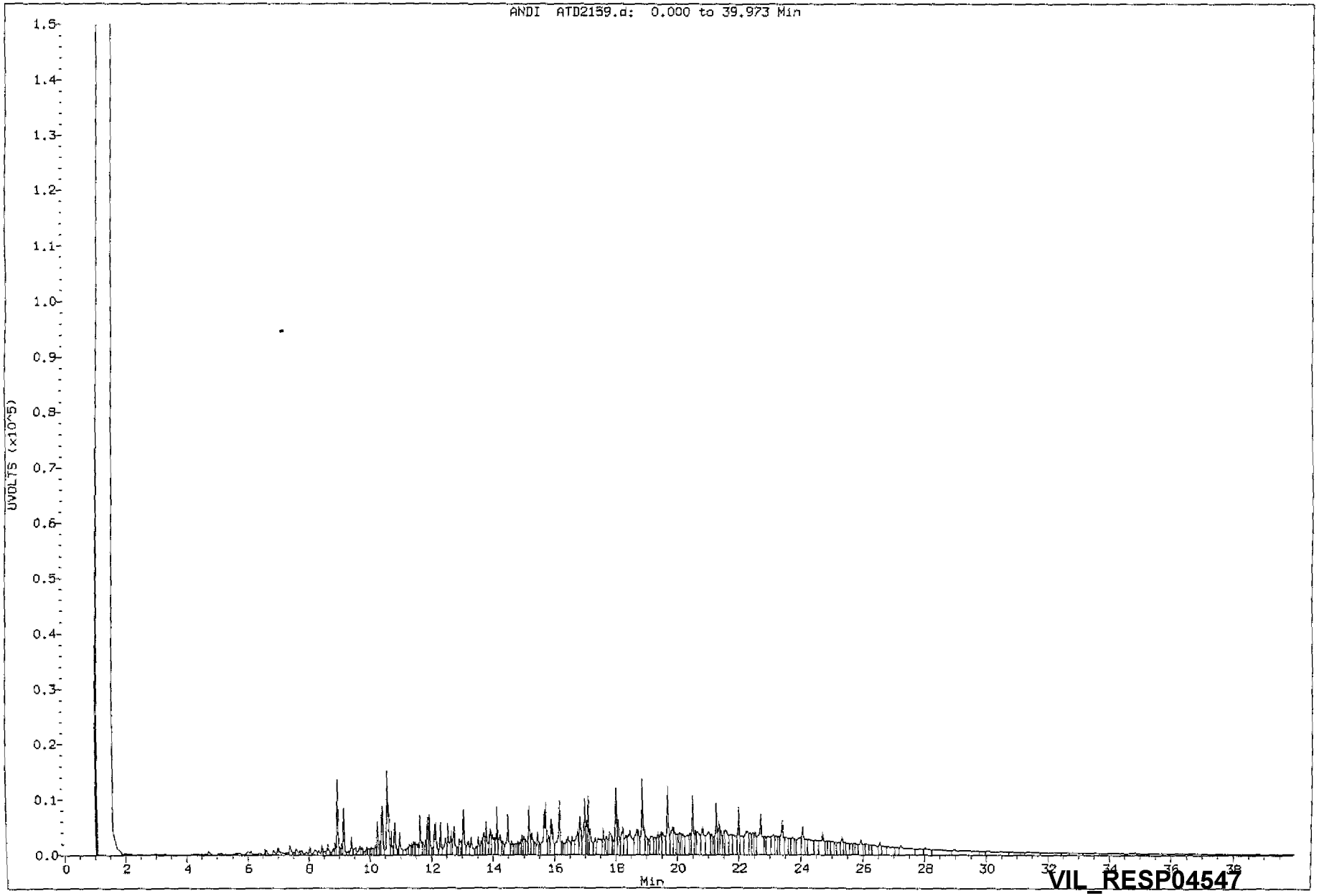
Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2158.d
Injection Date: 15-APR-2003 12:04
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP04546

FO #6

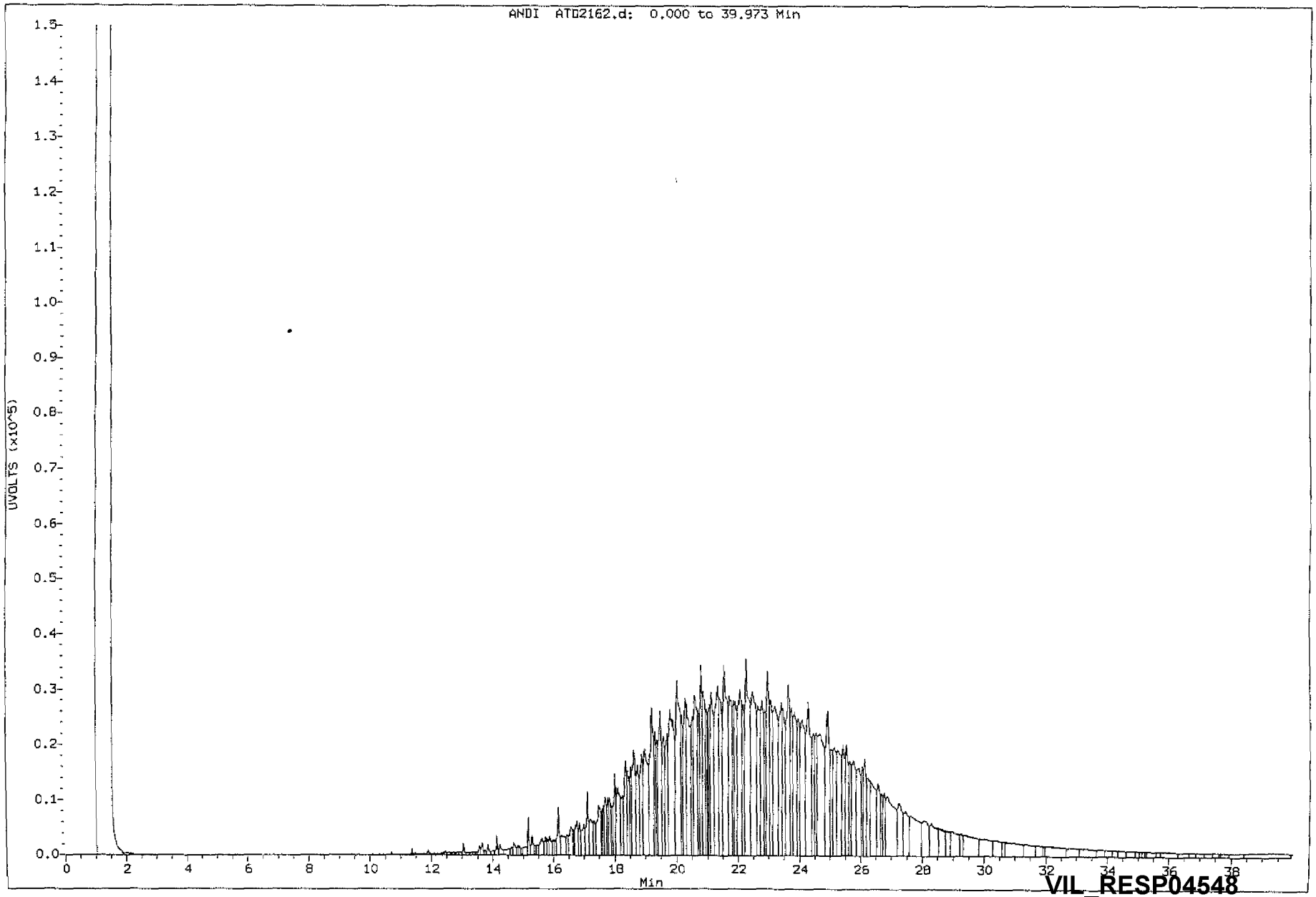
Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2159.d
Injection Date: 15-APR-2003 13:12
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP04547

Motor Oil

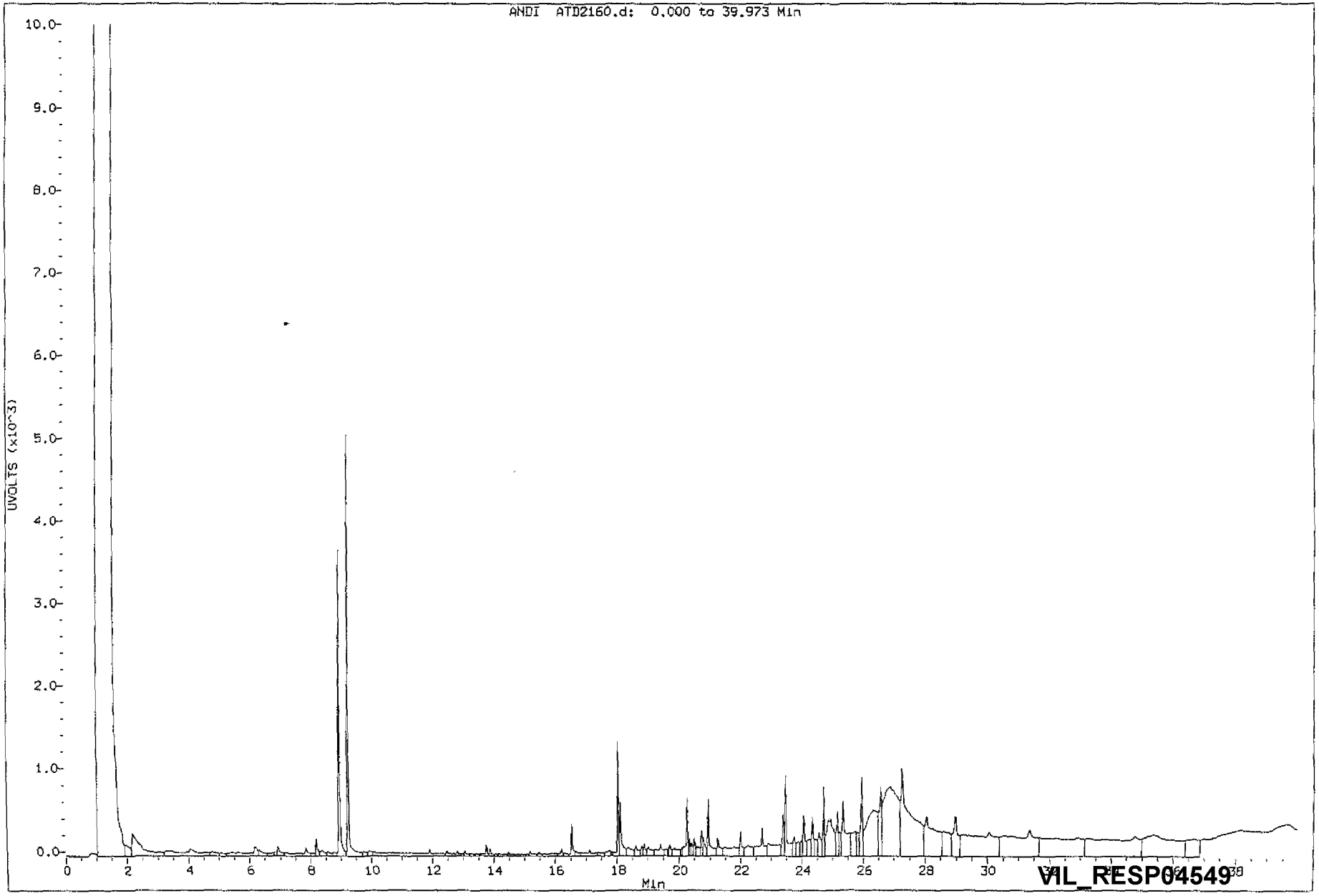
Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2162.d
Injection Date: 15-APR-2003 15:38
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP04548

Corn Oil

Data File: \\Target_server\GG\chem\gc10.i\GC10TD14B2.b\ATD2160.d
Injection Date: 15-APR-2003 14:01
Instrument: gc10.i
Client Sample ID: FINGERPRINT



VIL_RESP04549

Katahdin
ANALYTICAL SERVICES

PREPARATION BLANK REPORT

Sample ID: PBSTH06ICS0 **Batch ID** TH06ICS0

Element Name	Result	Units	Flag	PQL	File
ANTIMONY	0.2	mg/kgdrywt	U	0.800	ATH07A
ARSENIC	0.2	mg/kgdrywt	U	0.800	ATH07A
BARIUM	0.07	mg/kgdrywt	J	0.500	ATH07A
BERYLLIUM	0.02	mg/kgdrywt	U	0.500	ATH07A
CADMIUM	0.05	mg/kgdrywt	J	1.00	ATH07A
CHROMIUM	0.09	mg/kgdrywt	U	1.50	ATH07A
COBALT	0.06	mg/kgdrywt	U	3.00	ATH07A
COPPER	0.1	mg/kgdrywt	U	2.50	ATH07A
IRON	8.	mg/kgdrywt	J	10.0	ATH07A
LEAD	0.2	mg/kgdrywt	U	0.500	ATH07A
MANGANESE	0.15	mg/kgdrywt	J	0.500	ATH07A
MOLYBDENUM	0.08	mg/kgdrywt	U	10.0	ATH07A
NICKEL	0.15	mg/kgdrywt	J	4.00	ATH07A
SELENIUM	0.2	mg/kgdrywt	U	1.00	ATH07A
SILVER	0.1	mg/kgdrywt	U	1.50	ATH07A
STRONTIUM	0.153	mg/kgdrywt	J	10.0	ATH07A
THALLIUM	1.	mg/kgdrywt	J	1.50	ATH07A
TITANIUM	0.57	mg/kgdrywt	J	1.50	ATH07A
VANADIUM	0.12	mg/kgdrywt	J	2.50	ATH07A
ZINC	0.66	mg/kgdrywt	J	2.50	ATH07A

U The analyte was not detected in the sample at a level greater than the instrument detection limit.

J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSSTH06ICS0 **Batch ID** TH06ICS0

Element Name	True Value	Result	Units	Recovery(%)	Flag	Limits (mg/kgdrywt)		File
ALUMINUM	6340.	7460.	mg/kgdrywt	117.7%		2760	9920	ATH07A
ANTIMONY	34.0	31.7	mg/kgdrywt	93.2%		0	77.5	ATH07A
ARSENIC	192.	210.	mg/kgdrywt	109.4%		152	232	ATH07A
BARIUM	417.	469.	mg/kgdrywt	112.5%		332	502	ATH07A
BERYLLIUM	99.9	101.	mg/kgdrywt	101.1%		79.2	121	ATH07A
CADMIUM	125.	137.	mg/kgdrywt	109.6%		101	149	ATH07A
CALCIUM	3370.	3960.	mg/kgdrywt	117.5%		2550	4190	ATH07A
CHROMIUM	133.	138.	mg/kgdrywt	103.8%		101	163	ATH07A
COBALT	56.8	57.9	mg/kgdrywt	101.9%		45.0	68.7	ATH07A
COPPER	93.9	99.8	mg/kgdrywt	106.3%		74.4	113	ATH07A
IRON	11600.	15300.	mg/kgdrywt	131.9%		5500	17700	ATH07A
LEAD	160.	177.	mg/kgdrywt	110.6%		124	196	ATH07A
MAGNESIUM	2000.	2150.	mg/kgdrywt	107.5%		1410	2590	ATH07A
MANGANESE	320.	342.	mg/kgdrywt	106.9%		242	398	ATH07A
MOLYBDENUM	62.9	66.7	mg/kgdrywt	106.0%		47.6	78.1	ATH07A
NICKEL	174.	202.	mg/kgdrywt	116.1%		136	211	ATH07A
SELENIUM	97.0	104.	mg/kgdrywt	107.2%		69.8	124	ATH07A
SILVER	115.	120.	mg/kgdrywt	104.3%		63.3	167	ATH07A
STRONTIUM	178.	185.	mg/kgdrywt	103.9%		132	224	ATH07A
THALLIUM	79.1	90.4	mg/kgdrywt	114.3%		58.4	100	ATH07A
TITANIUM	327.	425.	mg/kgdrywt	130.0%		28.1	626	ATH07A
VANADIUM	92.7	100.	mg/kgdrywt	107.9%		64.9	121	ATH07A
ZINC	246.	265.	mg/kgdrywt	107.7%		189	303	ATH07A

H Laboratory control sample recovery is greater than the laboratory's acceptance limit.
L Laboratory control sample recovery is less than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

PREPARATION BLANK REPORT

Sample ID: PBSTH15HGS0 **Batch ID** TH15HGS0

Element Name	Result	Units	Flag	PQL	File
MERCURY	0.007	ug/gdrywt	J	0.04	DTH15C

U The analyte was not detected in the sample at a level greater than the instrument detection limit.

J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSSTH15HGS0 **Batch ID** TH15HGS0

Element Name	True Value	Result	Units	Recovery(%)	Flag	Limits (ug/gdrywt)		File
MERCURY	24.0	25.5	ug/gdrywt	106.3%		15.8	32.2	DTH15C

H Laboratory control sample recovery is greater than the laboratory's acceptance limit.
L Laboratory control sample recovery is less than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Report

Company Jacques Whitford Company, Inc.
Sdg WT1906

Qc Batch Id	Anal Date	Prep Date	Units	Spike Amount	Result	Recovery (%)	Recovery Acceptance Range
Parameter: Total Solids							
WG3145	08/11/03	08/08/03	%	91	89	99	80-120

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WT1906

PAGE: 1 OF 1

COOLER: 1 OF 1

CLIENT: Jacquel Whitford

PROJECT: 7 Depot St.

COC#
SDG#
DATE / TIME RECEIVED: 8/5/03 ~~1635~~ RCD 1730
DELIVERED BY: Jacquel Whitford
RECEIVED BY: RCD
LIMS ENTRY BY: RCD
LIMS REVIEW BY / PM: RCD

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☐	☑	☐		
2 CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☑	☐	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☑	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☑	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☑	☐	☐	TEMP BLANK TEMP (°C)= 5.9	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	☑	☐	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☑	☐	☐		
8. TRIP BLANK PRESENT IN THIS COOLER	☑	☐	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☑	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☑	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☑	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☑	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

VIL_RESP04555

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ___ of ___

Client: JACQUES WHITFORD
Contact: TODD COFFIN
Phone #: ( )
Fax #: ( )
Address: 75 PEARL ST.
City: PORTLAND
State: ME
Zip Code: 04101
Purchase Order #:
Proj. Name / No.: 7 DEPOT ST / MEP03.02
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): DAVID CHAPMAN / David Chapman
Copies To:

LAB USE ONLY
WORK ORDER #:
KATAHDIN PROJECT MANAGER
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B	DRO / FUEL IDENTIFICATION	8 TOTAL RCRA METALS	PAHS	Filt.	Filt.	Filt.	Filt.	Filt.	Filt.	Filt.
	TRIP BLANK	8/4/03/	W	1	✓										
	TP-101, 8-10	8/4/03/1046	S	4	✓	✓									
	TP-102, 0-2	8/4/03/1102	S	1			✓								
	TP-102, 4-6	8/4/03/1115	S	1			✓								
	TP-103, 0-2	8/4/03/1135	S	1			✓								
	TP-104, 10-12	8/4/03/1648	S	4	✓	✓									
	TP-107, 2-4	8/4/03/1211	S	1			✓								
	TP-107, 8-10	8/4/03/1221	S	4	✓	✓									
	TP-110, 0-2	8/4/03/1350	S	1			✓								
	TP-111, 2-4	8/4/03/1450	S	4	✓	✓									
	TP-112, 0-2	8/4/03/1510	S	1			✓								
	HA-1, 0-0.3	8/5/03/1428	S	1		✓		✓							
	HA-2, 0-0.3	8/5/03/1440	S	1				✓							
	HA-4 DUP, 1-2	8/5/03/1345	S	1		✓		✓							
	HA-6, 0-0.3	8/5/03/1520	S	4	✓	✓									
		/													

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
David Chapman	8/5/03 1730	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

VIL_RESP04556

FORMSOURCE INC ☎ (877) 782 3311
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ORIGINAL
KAS-COC1 (R 0900)

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Aug. 06, 2003
10:50 AM

Login Number: WT1906

Account: JACQUE001
Jacques Whitford Company, Inc.

Project:

Primary Report Address:
Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201

Portland,ME 04101

Primary Invoice Address:
Accounts Payable
Jacques Whitford Company, Inc.
27 Congress St.

Portsmouth,NH 03801

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:
CLIENT PO#	: MEP03102
COOLER TEMPERATURE	: 5.9
DELIVERY SERVICES	: Client
EDD FORMAT	:
MAIL DATE	:
PM	: RCT
PROJECT NAME	: 7 Depot Street
QC LEVEL	: II
REGULATORY LIST	:
REPORT INSTRUCTIONS	: Include GC chromatograms
SDG ID	:
SDG STATUS	:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-1	TP-101,8-10	04-AUG-03 10:46	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1 25	18-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

WT1906-2	TP-102,0-2	04-AUG-03 11:02	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1

SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY

Solid	S	TS	03-SEP-03		

WT1906-3	TP-103,0-2	04-AUG-03 11:35	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1

SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY

Solid	S	TS	03-SEP-03		

WT1906-4	TP-104,10-12	04-AUG-03 16:48	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	18-AUG-03	100g Glass	1
Solid	S	SW6260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

WT1906-5	TP-107,2-4	04-AUG-03 12:11	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1

SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY

Solid	S	TS	03-SEP-03		

VIL_RESP04557

8/6/03

Katahdin ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Aug. 06, 2003
10:50 AM

Login Number: WT1906

Account: JACQUE001
Jacques Whitford Company, Inc.

Project:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-6	TP-102,4-6	04-AUG-03 11:15	05-AUG-03			18-AUG-03	
WT1906-7	TP-107,8-10	04-AUG-03 12:21	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.
WT1906-8	TP-110,0-2	04-AUG-03 13:50	05-AUG-03			18-AUG-03	
WT1906-9	TP-111,2-4	04-AUG-03 14:50	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.
WT1906-10	TP-112,0-2	04-AUG-03 15:10	05-AUG-03			18-AUG-03	
WT1906-11	HA-1,0-0.3	05-AUG-03 14:28	05-AUG-03			18-AUG-03	
WT1906-12	HA-2,0-0.3	05-AUG-03 14:40	05-AUG-03			18-AUG-03	
WT1906-13	HA-4,1-2	05-AUG-03 13:45	05-AUG-03			18-AUG-03	

WT1906-6

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1
		SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY			
Solid	S	TS	03-SEP-03		

WT1906-7

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1 25	18-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

WT1906-8

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1
		SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY			
Solid	S	TS	03-SEP-03		

WT1906-9

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	11-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	18-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	3
Solid	S	TS	03-SEP-03		

WT1906-10

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	P	RCRA-METALS			1
		SW3050-PREP, SW6010-ARSENIC, SW6010-BARIUM, SW6010-CADMIUM, SW6010-CHROMIUM, SW6010-LEAD, SW6010-SELENIUM, SW6010-SILVER, SW7471-MERCURY			
Solid	S	TS	03-SEP-03		

WT1906-11

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	12-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1 25	19-AUG-03	100g Glass	1
Solid	S	SW8082	19-AUG-03	100g Glass	
Solid	S	TS	04-SEP-03		

WT1906-12

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	SW8082	19-AUG-03	100g Glass	1
Solid	S	TS	04-SEP-03		

WT1906-13

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	12-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	19-AUG-03	100g Glass	1
Solid	S	SW8082	19-AUG-03	100g Glass	
Solid	S	TS	04-SEP-03		

VIL_RESP04558

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Aug. 06, 2003

10:50 AM

Login Number: WT1906

Account: JACQUE001

Jacques Whitford Company, Inc.

Project:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1906-14	HA-6,0-0.3	05-AUG-03 15:20	05-AUG-03			18-AUG-03	VOA: Low level. En Core (3), 2 in DI water, 1 in MeOH.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	DRO-FINGERPRINT	12-AUG-03	1L N-AmberG+HCl	2
Solid	S	MEDEP4.1.25	19-AUG-03	100g Glass	1
Solid	S	SW8260FULL5ML	19-AUG-03	40mL Vial+HCl	3
Solid	S	TS	04-SEP-03		

WT1906-15	TRIP BLANK	04-AUG-03 00:00	05-AUG-03			18-AUG-03	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260FULL5ML	18-AUG-03	40mL Vial+HCl	1

Total Samples: *15* ***Total Analyses:*** *43*

VIL_RESP04559

ADDENDUM
ORIGINAL CHAIN OF CUSTODY

Katahdin ANALYTICAL SERVICES
340 County Road No 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

Client: JACQUES WHITFORD
Contact: TODD COFFIN
Phone #: ( )
Fax #: ( )
Address: 75 PEARL ST.
City: PORTLAND
State: ME
Zip Code: 04101
Purchase Order #:
Proj. Name / No.: 7 DEPOT ST / M&R03:02
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): DAVID CHAPMAN / David Chapman
Copies To:

LAB USE ONLY
WORK ORDER #:
KATAHDIN PROJECT MANAGER
REMARKS.
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B	DRO / FUEL IDENTIFICATION	8 TOTAL RCRA METALS	PCBS						
					Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	TRIP BLANK	8/4/03/	W	1	✓									
	TP-101, 8-10	8/4/03/1046	S	4	✓	✓								
	TP-102, 0-2	8/4/03/1102	S	1			✓							
	TP-102, 4-6	8/4/03/1115	S	1			✓							
	TP-103, 0-2	8/4/03/1135	S	1			✓							
	TP-104, 10-12	8/4/03/1648	S	4	✓	✓								
	TP-107, 2-4	8/4/03/1241	S	1			✓							
	TP-107, 8-10	8/4/03/1221	S	4	✓	✓								
	TP-110, 0-2	8/4/03/1350	S	1			✓							
	TP-111, 2-4	8/4/03/1450	S	4	✓	✓								
	TP-112, 0-2	8/4/03/1510	S	1			✓							
	HA-1, 0-0.3	8/5/03/1428	S	1		✓		✓						
	HA-2, 0-0.3	8/5/03/1440	S	1				✓						
	HA-4, 1-2	8/5/03/1345	S	1		✓		✓						
	HA-6, 0-0.3	8/5/03/1520	S	4	✓	✓								
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
David Chapman	8/5/03 1730	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

VIL_RESP04561

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ORIGINAL

Katahdin
ANALYTICAL SERVICES

nelac
Cert. No E87604

August 22, 2003

Mr. Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

RE: Katahdin Lab Number: WT1938
Project ID: 7 Depot Street
Project Manager: Mr. Robert Thomas
Sample Receipt Date(s): August 08, 2003

Dear Mr. Coffin:

Please find enclosed the following information:

* Report of Analysis (Analytical and/or Field)
* List of Organics Data Qualifiers and their Definitions
* Chromatograms
* Quality Control Data Summary
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. This cover letter is an integral part of the ROA.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Sincerely,

KATAHDIN ANALYTICAL SERVICES

Jennifer Obrin
Authorized Signature

08-22-03
Date

VIL_RESP04562

TECHNICAL NARRATIVE

Organics Laboratory

Sample WT1938-1 was received on August 8, 2003. The sample was analyzed for diesel range organics (DRO) according to method MEDEP 4.1.25 and PCB's according to SW-846 Method 8082. Some manual integrations were performed due to split peaks or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation reports. A fingerprint analysis of the DRO analysis was performed as requested. The samples were analyzed within hold times and all QC were acceptable with the following comments:

DRO Analysis

Sample WT1938-1 was diluted in order to bring the high DRO concentration into the calibration range. Consequently, the surrogate was diluted out of range.

The chromatography of sample WT1938-1 does not match or resemble the chromatography of any of the petroleum product standards analyzed during the initial calibration. The initial calibration consists of the following petroleum products: Gasoline, JP-A, JP-4, JP-5, JP-8, Kerosene, Mineral Spirits, Fuel Oil #2, Fuel Oil #4, Fuel Oil #6, Coal Tar, and Motor Oil. The sample chromatogram does elute within the retention time windows of Fuel Oil #6 and Motor Oil.

There were no other protocol deviations or observations noted by the organic laboratory staff.

340 County Road No. 5 • P.O. Box 720, Westbrook, ME 04098 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • www.katahdinlab.com

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/08/03
Received Date: 08/08/03
Extraction Date: 08/14/03
Analysis Date: 08/21/03
Report Date: 08/22/2003
Matrix: SOIL
% Solids: 83.9

Lab ID: WT1938-1DL
Client ID: HA5, 0.5-1
SDG: WT1938
Extracted by: mf
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG3186
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	200	10	17	200
Aroclor-1221	U	200	10	17	200
Aroclor-1232	U	200	10	17	200
Aroclor-1242	U	200	10	17	200
Aroclor-1248	U	200	10	17	200
Aroclor-1254		24000	10	17	200
Aroclor-1260		12000	10	17	200
Tetrachloro-m-xylene		D			
Decachlorobiphenyl		D			

Page 01 of 01 6th1288.d

VIL_RESP04565

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE ID

HA5, 0.5-1

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: 7 DEPOT STREET

Lab Code: KAS PO No.: SDG No.: WT1938

Lab Sample ID: WT1938-1DL Date(s) Analyzed: 08/21/03 08/21/03

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column(1): ZB-5 ID: 0.53(mm) GC Column(2): ZB-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	10.57	10.53	10.67	2450		
Aroclor-1254	2	11.58	11.53	11.67	20300		
	3	12.09	12.05	12.19	20400		
COLUMN 1	4	12.95	12.94	13.08	29600		
	5	14.65	14.66	14.80	46600	23900	
	1	8.37	8.32	8.46	2890		
	2	9.29	9.24	9.38	19600		
	3	9.57	9.53	9.67	17800		
COLUMN 2	4	10.63	10.59	10.73	27900		
	5	11.05	11.01	11.15	24900	18600	22.2
	1	15.02	14.94	15.08	9000		
Aroclor-1260	2	15.55	15.48	15.62	7420		
	3	16.13	16.06	16.20	8490		
COLUMN 1	4	16.80	16.74	16.88	11800		
	5	18.14	18.08	18.22	17400	10800	
	1	12.39	12.33	12.47	6930		
	2	13.07	13.03	13.17	16800		
	3	13.51	13.47	13.61	9410		
COLUMN 2	4	14.40	14.36	14.50	11100		
	5	15.53	15.50	15.64	13900	11600	6.9
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

FORM X PEST-2

Data File: \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\6th1288.d
Report Date: 22-Aug-2003 15:54

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\6th1288.d
Lab Smp Id: WT1938-1DL Client Smp ID: HA5, 0.5-1
Inj Date : 21-AUG-2003 16:16
Operator : LAD Inst ID: gc06.i
Smp Info : PCBA018A.M,GC06TH20A1.B,10,WT1938-1
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\PCBA018A.M
Meth Date : 22-Aug-2003 14:59 glull Quant Type: ESTD
Cal Date : 21-AUG-2003 05:50 Cal File: 6TH1266.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL
Processing Host: TARGET01

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	16.089	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 2 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.299	6.301	-0.002	7584	0.00712	28.3		
7 Aroclor-1254					CAS #: 11097-69-1		
10.573	10.600	-0.027	4864	0.61632	2450	0.00- 260.00	100.00(M)
11.584	11.600	-0.016	103666	5.11082	20300	80.00- 140.00	2131.29
12.088	12.120	-0.032	138486	5.13037	20400	80.00- 140.00	2847.16
12.947	13.013	-0.066	206827	7.45983	29600	60.00- 140.00	4252.20
14.654	14.733	-0.079	248234	11.7251	46600	0.00- 0.00	5103.50
Average of Peak Concentrations =					23900		
8 Aroclor-1260					CAS #: 11096-82-5		
15.016	15.013	0.003	48361	2.26673	9000	80.00- 120.00	100.00
15.547	15.547	0.000	39819	1.86865	7420	94.69- 142.03	82.34
16.131	16.133	-0.002	89989	2.13771	8490	89.28- 133.92	186.08
16.796	16.812	-0.016	62583	2.96886	11800	72.48- 108.73	129.41
18.137	18.147	-0.010	51248	4.39509	17400	0.00- 0.00	105.97
Average of Peak Concentrations =					10800		
$ 9 Decachlorobiphenyl					CAS #: 2051-24-3		
19.569	19.586	-0.017	11317	0.01531	60.8		(R)

VIL_RESP04567

Data File: \\Target_server\GG\chem\gc06.i\GC06TH20A1.b\6th1288.d
Report Date: 22-Aug-2003 15:54

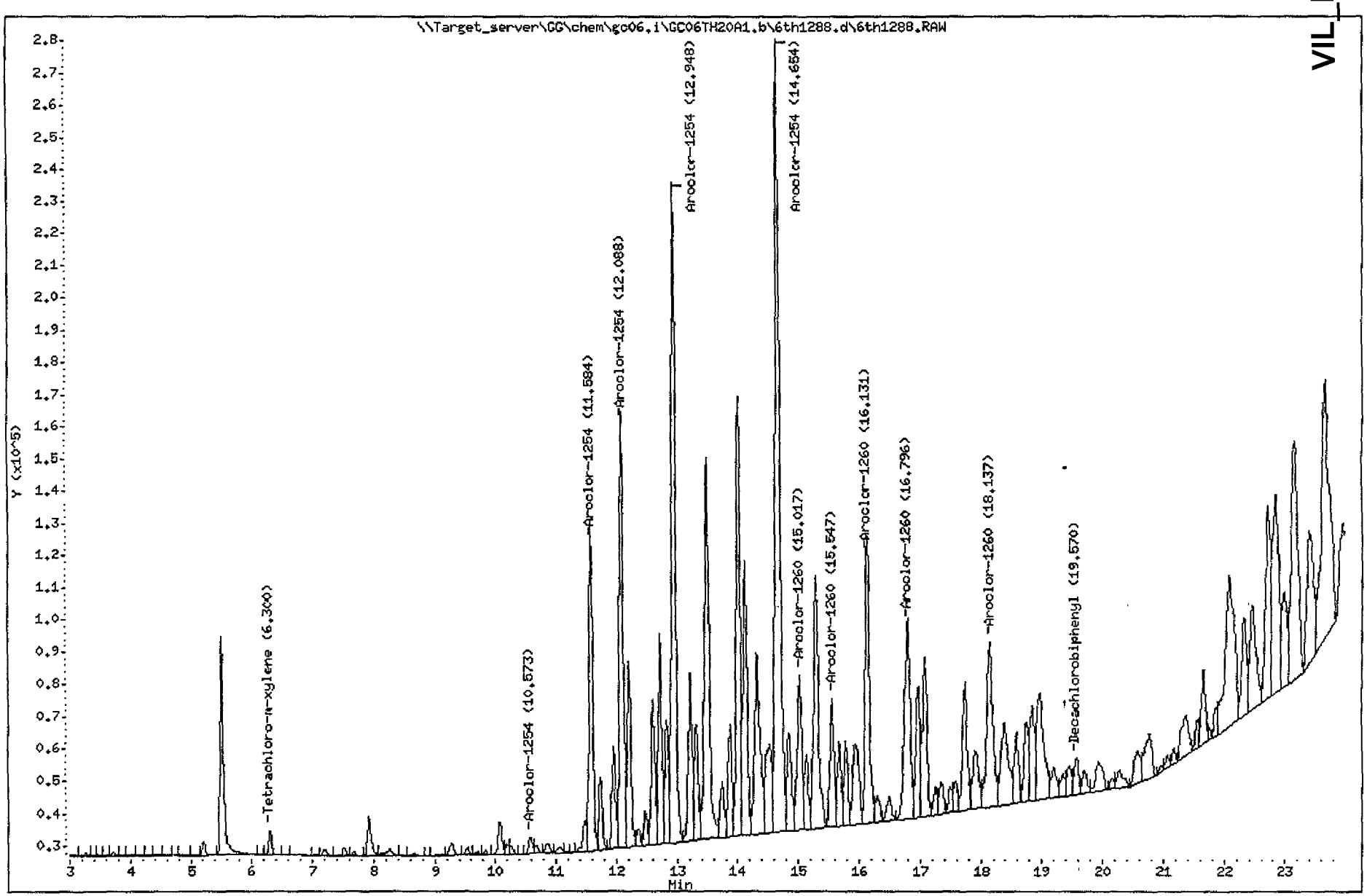
QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

VIL_RESP04568

Data File: \\Target_server\GC\chem\gc06.i\GC06TH20A1.b\6th1288.d
Date : 21-AUG-2003 16:16
Client ID: HA5, 0.5-1
Sample Info: PCBA018A.M,GC06TH20A1.B,10,WT1938-1
Purge Volume: 0.0
Column phase: ZB-5

Instrument: gc06.i
Operator: LAD
Column diameter: 0.53



VIL_RESP04569

Katahdin Analytical Services WT1938 page 0000008 of 0000031

Data File: \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\6th2288.d
Report Date: 22-Aug-2003 15:54

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\6th2288.d
Lab Smp Id: WT1938-1DL Client Smp ID: HA5, 0.5-1
Inj Date : 21-AUG-2003 16:16
Operator : LAD Inst ID: gc06.i
Smp Info : PCBA018A.M,GC06TH20A1.B,10,WT1938-1
Misc Info : SW846 8082
Comment :
Method : \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\PCBB018A.M
Meth Date : 22-Aug-2003 15:09 glull Quant Type: ESTD
Cal Date : 21-AUG-2003 09:09 Cal File: 6TH2273.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: HP Genie Compound Sublist: SW8082.sub
Target Version: 4.12 Sample Matrix: SOIL

Concentration Formula: Amt * DF * 1000*Vt*(100/(100-M))/Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vt	0.00500	Volume of final extract (L)(1000 low, 20
M	16.089	% Moisture
Vo	0.01500	Sample Weight
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/mL)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 3 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.956	3.965	-0.009	17243	0.00778	30.9		
9 Aroclor-1254					CAS #: 11097-69-1		
8.370	8.388	-0.018	8889	0.72676	2890	80.00- 120.00	100.00(M)
9.293	9.311	-0.018	157610	4.93064	19600	80.00- 140.00	1773.09
9.573	9.603	-0.030	156225	4.47400	17800	80.00- 140.00	1757.51
10.626	10.660	-0.034	314659	7.02151	27900	60.00- 140.00	3539.87
11.053	11.078	-0.025	220535	6.26763	24900	60.00- 100.00	2480.99
Average of Peak Concentrations =					28600		
7 Aroclor-1260					CAS #: 11096-82-5		
12.386	12.403	-0.017	70427	1.74493	6930	80.00- 120.00	100.00(M)
13.066	13.103	-0.037	163853	4.21907	16800	94.69- 142.03	232.66
13.506	13.542	-0.036	167436	2.36925	9410	89.28- 133.92	237.74
14.400	14.432	-0.032	118972	2.80370	11100	72.48- 108.73	168.93
15.533	15.566	-0.033	65637	3.50562	13900	60.00- 140.00	93.20
Average of Peak Concentrations =					11600		

VIL_RESP04570

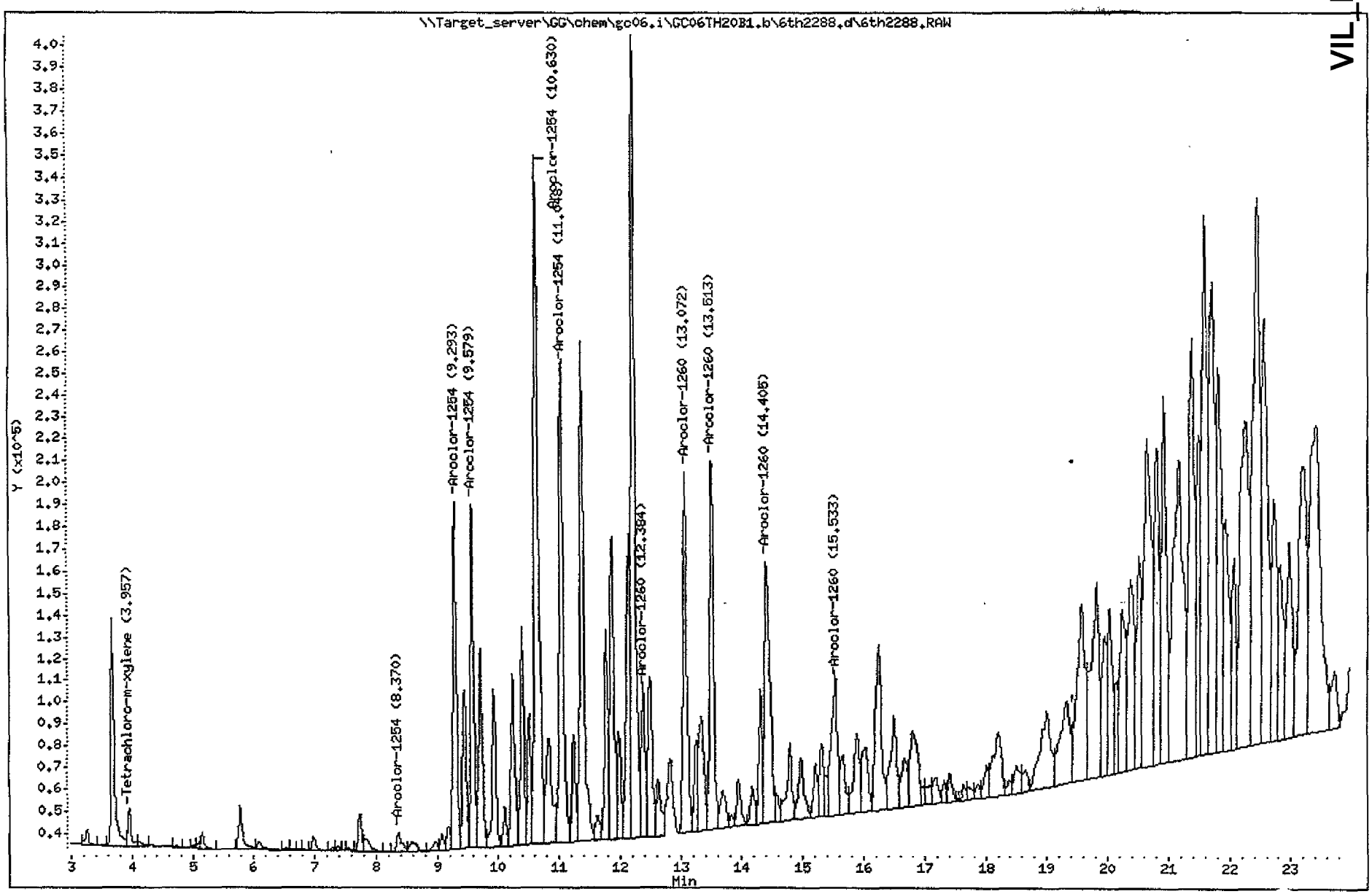
Data File: \\Target_server\GG\chem\gc06.i\GC06TH20B1.b\6th2288.d
Report Date: 22-Aug-2003 15:54

QC Flag Legend

M - Compound response manually integrated.

Data File: \\Target_server\GC\chem\gc06.i\GC06TH20B1.b\6th2288.d
Date : 21-AUG-2003 16:16
Client ID: HA5, 0.5-1
Sample Info: PCBA018A.M,GC06TH20A1.B,10,WT1938-1
Purge Volume: 0.0
Column phase: ZB-35

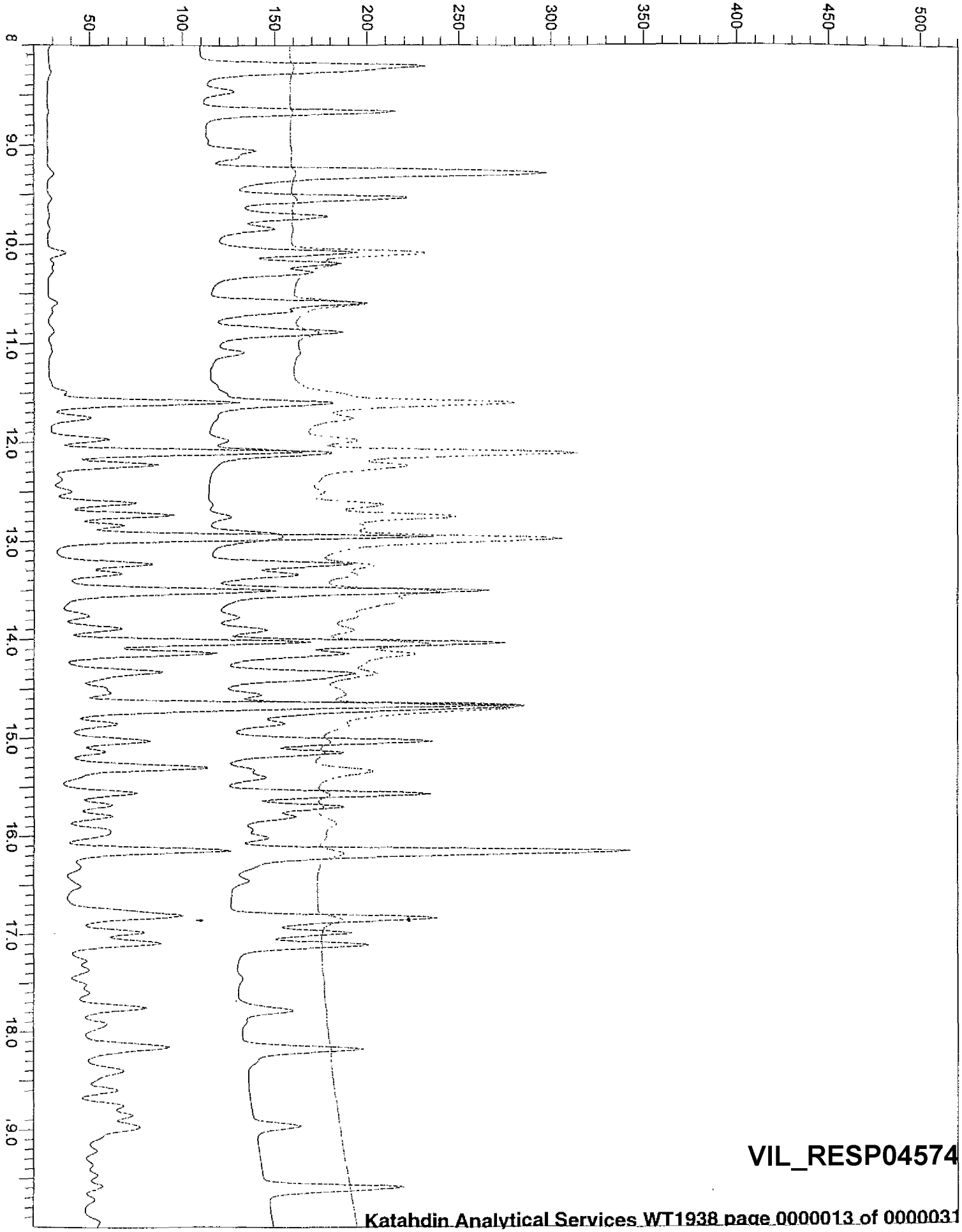
Instrument: gc06.i
Operator: LAB
Column diameter: 0.53



VIL_RESP04572

Katahdin Analytical Services WT1938 page 0000011 of 0000031

Plc	Title	Start Time	End Time	Scale (mV)	Offset (mV)
6TH1245.RAW		8.00	20.00	100.00	10.00
Sample Name	: PCBA018A.M,GC06TH20A1.B,1,AR1660 1.0PPM				
Sample Number	: AR1660.SUB				
Instrument File Name	: T:\GC06\METHODS\PCBINSTF				
6TH1265.RAW		8.00	20.00	100.00	0.00
Sample Name	: PCBA018A.M,GC06TH20A1.B,1,AR1254 1.0PPM				
Sample Number	: AR1254.SUB				
Instrument File Name	: T:\GC06\METHODS\PCBINSTF				
6TH1288.RAW		8.00	20.00	500.00	20.00
Sample Name	: PCBA018A.M,GC06TH20A1.B,10,WT1938-1				
Sample Number	:				
Instrument File Name	: T:\GC06\METHODS\PCBINSTF				



VIL_RESP04574

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: 7 Depot Street
PO No:
Sample Date: 08/08/03
Received Date: 08/08/03
Extraction Date: 08/13/03
Analysis Date: 08/20/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 83.9

Lab ID: WT1938-1DL
Client ID: HA5, 0.5-1
SDG: WT1938
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3157
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		3300	100	5.0	600
O-Terphenyl		D			

Data File: \\Target_server\GG\chem\gc10.i\GC10TH19B1.b\ATH2146.d
Report Date: 21-Aug-2003 11:24

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc10.i\GC10TH19B1.b\ATH2146.d
Lab Smp Id: WT1938-1DL Client Smp ID: HA5, 0.5-1
Inj Date : 20-AUG-2003 08:43
Operator : SAW Inst ID: gc10.i
Smp Info : DROB005D.M,GC10TH19B1.B,100,WT1938-1DL
Misc Info : MEDEP 4.1.25
Comment :
Method : \\TARGET_SERVER\GG\chem\gc10.i\GC10TH19B1.B\DROB005D.m
Meth Date : 15-Jul-2003 10:24 Quant Type: ESTD
Cal Date : 29-APR-2003 23:18 Cal File: ATD4120.d
Als bottle: 1
Dil Factor: 100.00000
Integrator: HP Genie Compound Sublist: MEDEP4^1^25.sub
Subtraction File: \\Target_server\GG\chem\gc10.i\GC10TH19B1.b\ATH2141.d
Target Version: 4.12

Concentration Formula: Amt * DF * (Vt/Vo)*(100/(100-M)) * CpndVariable

Name	Value	Description
DF	100.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	0.01000	Sample Weight (Kg)
M	16.089	Moisture (%)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (mg/Kg)
S 7 Diesel Range Organics	4.746	23.285		1638522	277.014	3300(M)

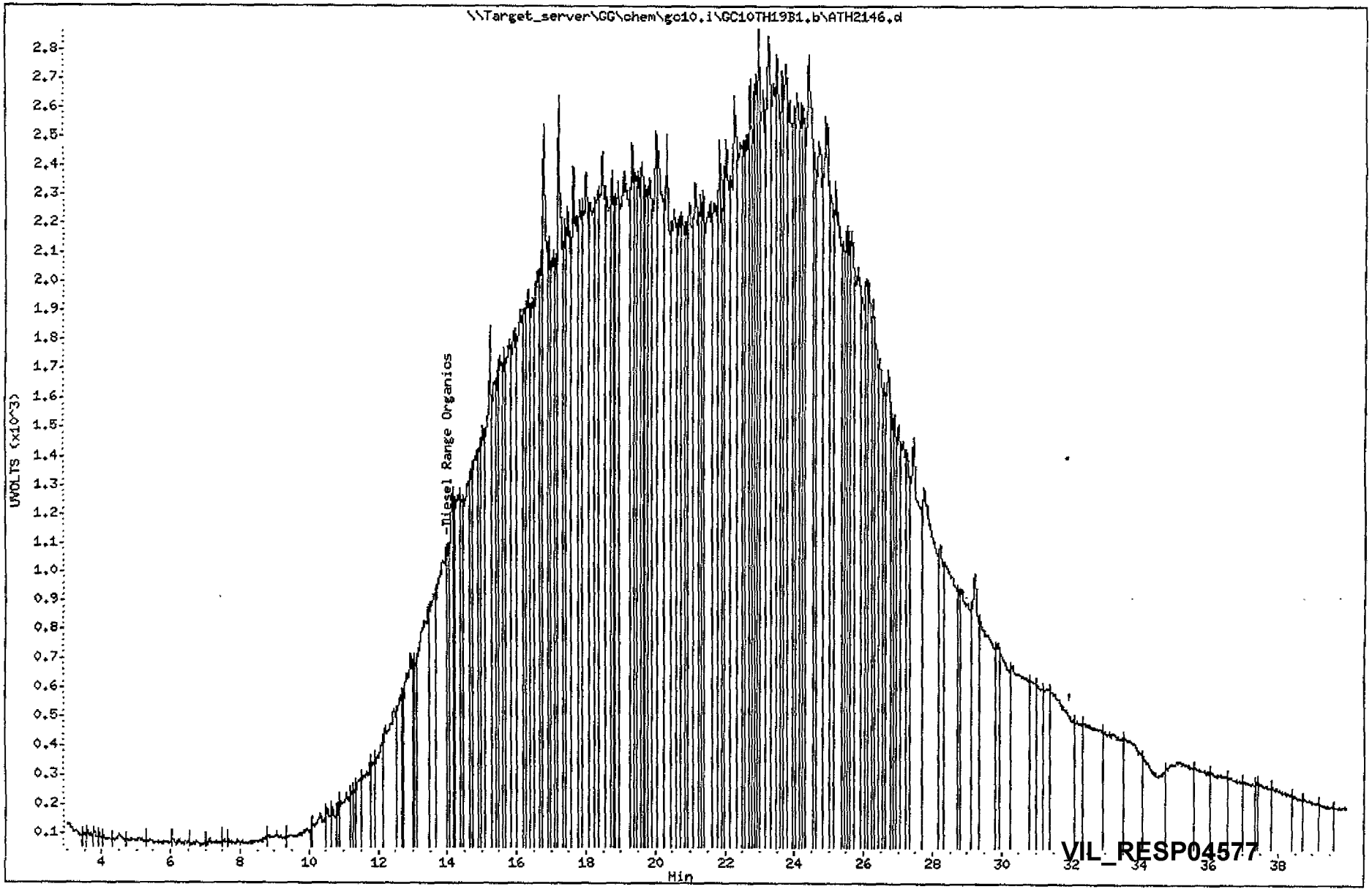
QC Flag Legend

M - Compound response manually integrated.

VIL_RESP04576

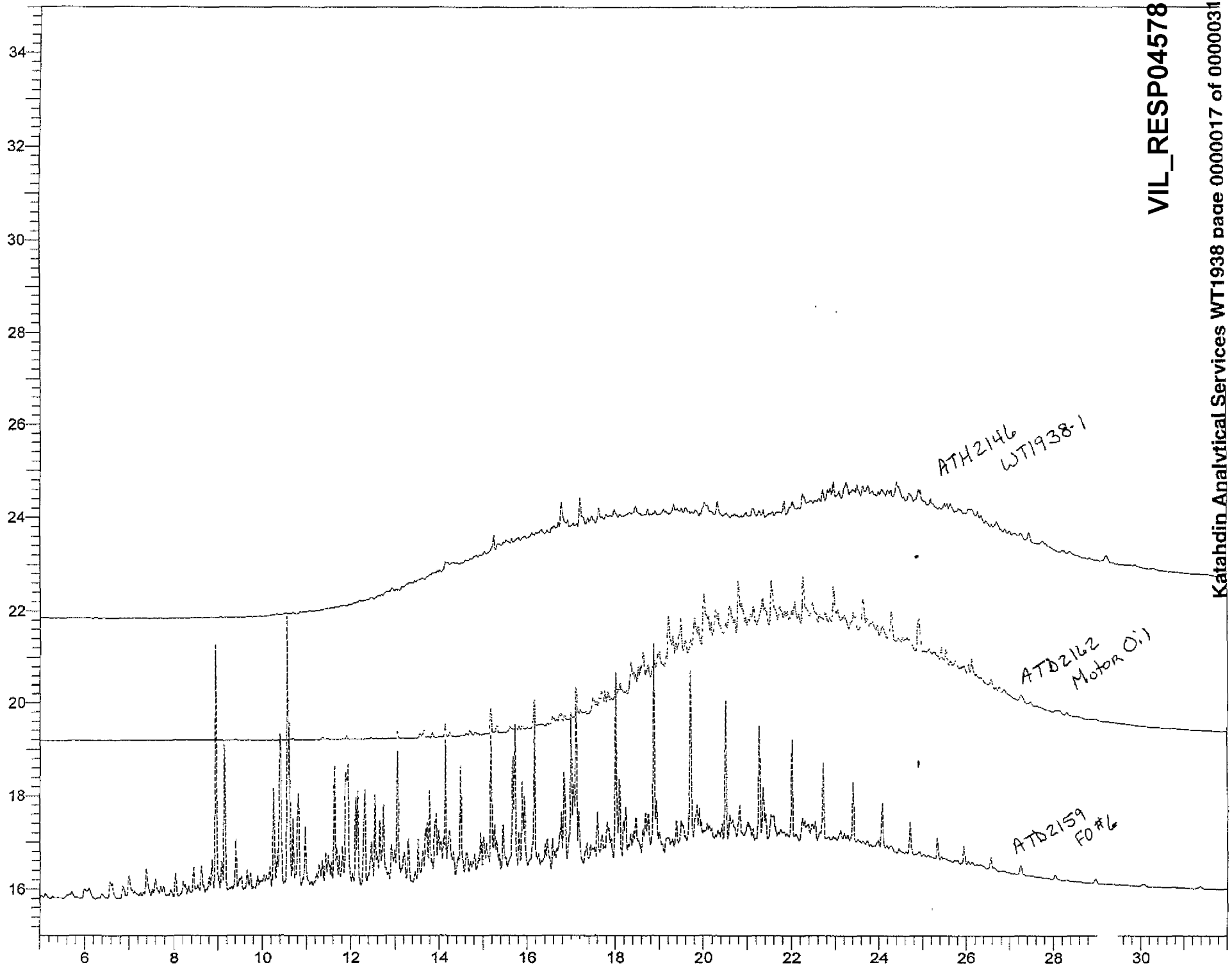
Data File: \\Target_server\GC\chem\gc10.i\GC10TH19B1.b\ATH2146.d
Date : 20-AUG-2003 08:43
Client ID: HA5, 0.5-1
Sample Info: DROB005D.M,GC10TH19B1.B,100,WT1938-1DL
Purge Volume: 0.0
Column phase: ZB-1

Instrument: gc10.i
Operator: SAW
Column diameter: 0.53



VIL_RESP04577

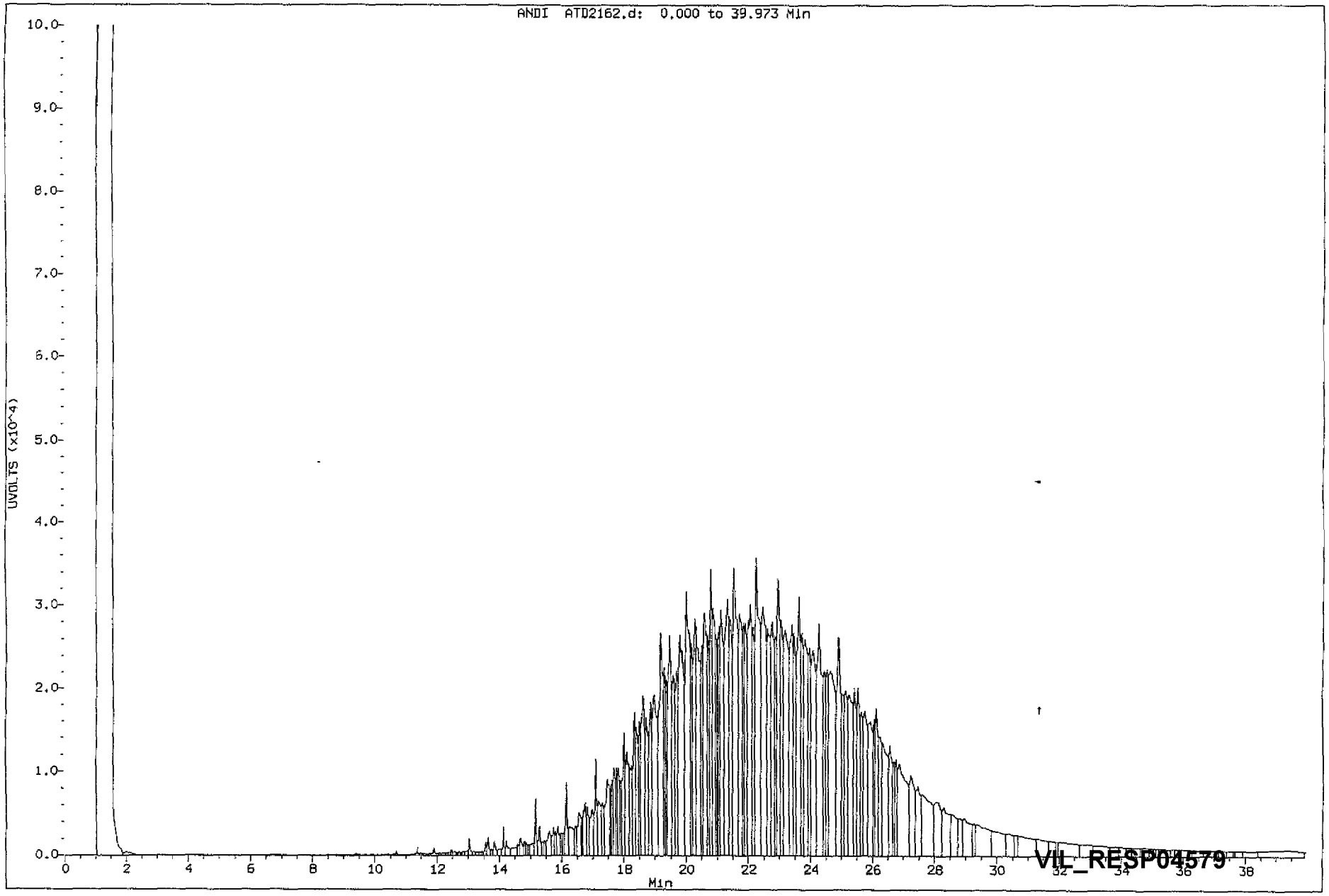
Katahdin Analytical Services WT1938 page 0000016 of 0000031



VIL_RESP04578
Katahdin Analytical Services WT1938 page 0000017 of 0000031

MotorOil

Data File: \\Target_server\GG\chem\gc10.i/GC10TD14B2.b/ATD2162.d
Injection Date: 15-APR-2003 15:38
Instrument: gc10.i
Client Sample ID: FINGERPRINT

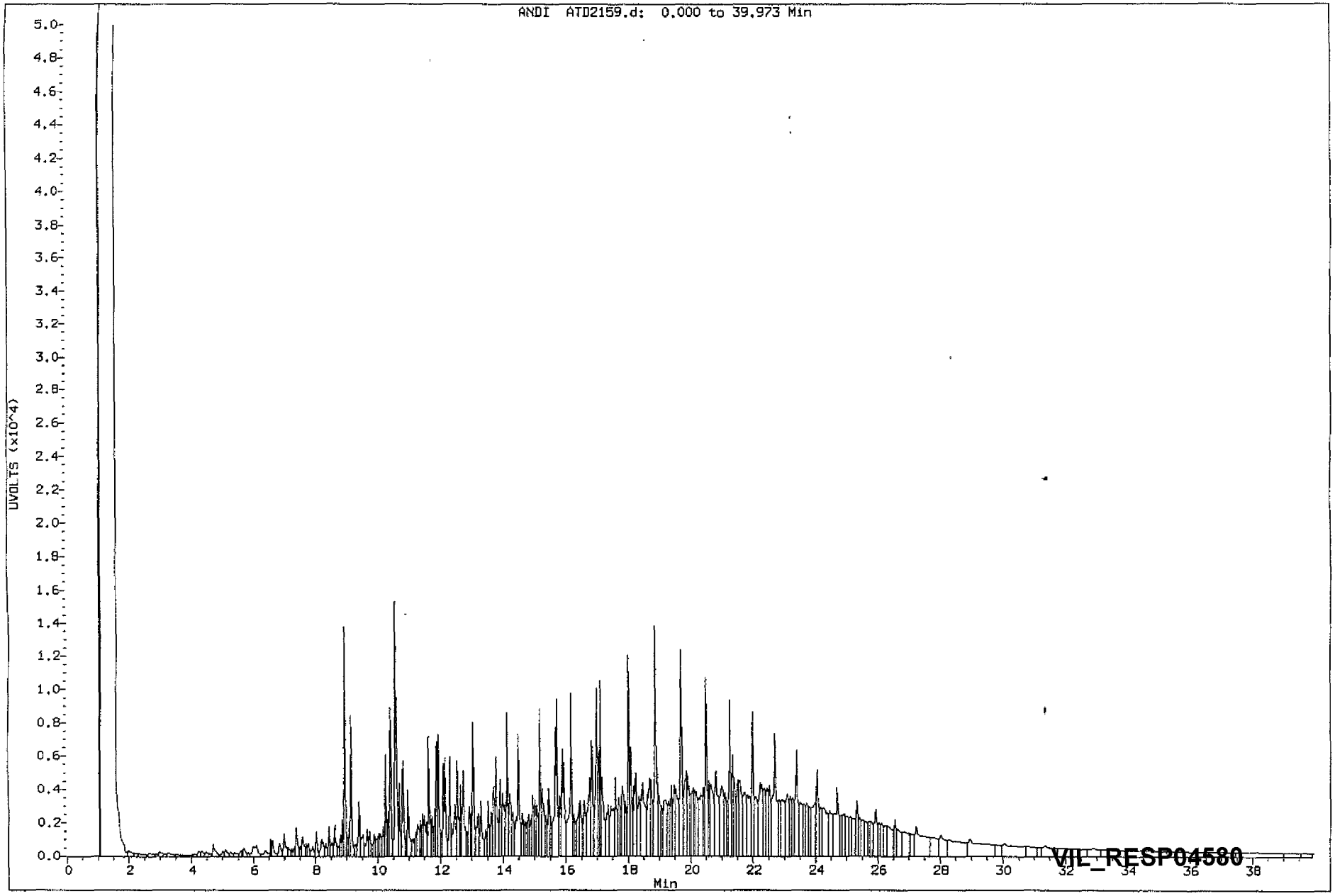


VIL_RESP04579

Katahdin Analytical Services WT1938 page 0000018 of 0000031

FO #6

Data File: \\Target_server\GG\chem\gc10.i/GC10TD14B2.b/ATD2159.d
Injection Date: 15-APR-2003 13:12
Instrument: gc10.i
Client Sample ID: FINGERPRINT

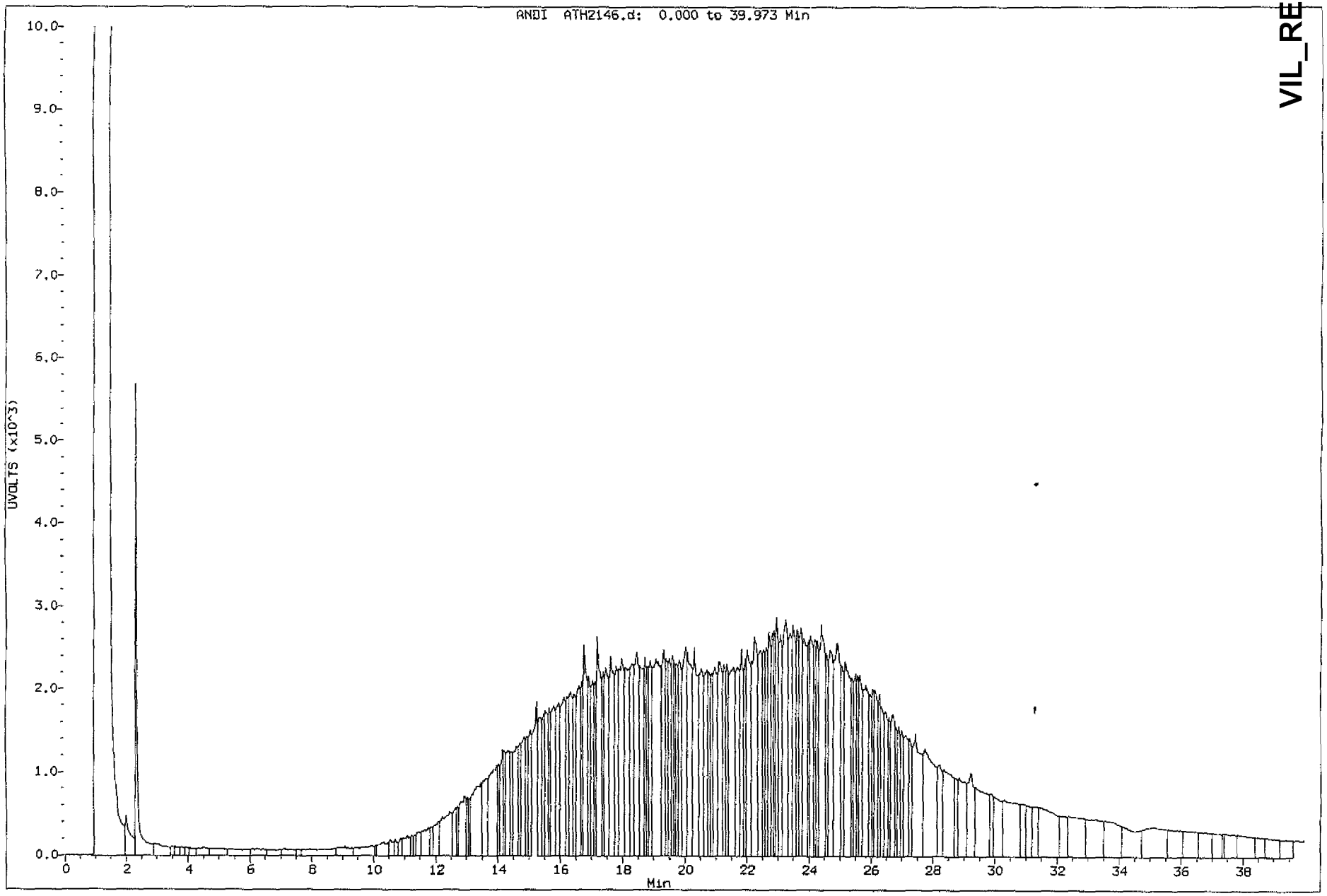


VIL_RESP04580

Katahdin Analytical Services WT1938 page 0000019 of 0000031

WT1938-1

Data File: \\Target_server\GG\chem\gc10.i\GC10TH19B1.b\ATH2146.d
Injection Date: 20-AUG-2003 08:43
Instrument: gc10.i
Client Sample ID: HA5, 0.5-1



VIL_RESP04581

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

Lab Sample Id: WT1938-1
Report Date: 8/19/03 4:04:05 PM
Client PO: MEP03102
Project: 7 Depot Street
SDG: WT1938

Sample Description

	Matrix	Date Sampled	Date Received
HA5, 0.5-1	SL	08/08/2003	08/08/2003

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	84 %	0.1	CLP SOW 788	08/18/03 07:08	JF	CLP SOW 788	08/14/03	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3186-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: 7 DEPOT STREET SDG No.: WT1938

Lab Sample ID: WG3186-1 Lab File ID: 6TH1211

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3545

Sulfur Cleanup: (Y/N) N Date Extracted: 08/14/03

Date Analyzed (1): 08/19/03 Date Analyzed (2): 08/19/03

Time Analyzed (1): 1521 Time Analyzed (2): 1521

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): ZB-35 ID: 0.53(mm) GC Column (2): ZB-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG3186-LCS	WG3186-2	6TH1212	08/19/03	08/19/03
02	WG3186-LCSD	WG3186-3	6TH1213	08/19/03	08/19/03
03	HA5, 0.5-1	WT1938-1DL	6TH2288	08/21/03	08/21/03
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS:

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 DEPOT STREET
PO No:
Sample Date:
Received Date:
Extraction Date: 08/14/03
Analysis Date: 08/19/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3186-1
Client ID: WG3186-Blank
SDG: WT1938
Extracted by: mf
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG3186
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	17	1.0	17	17
Aroclor-1221	U	17	1.0	17	17
Aroclor-1232	U	17	1.0	17	17
Aroclor-1242	U	17	1.0	17	17
Aroclor-1248	U	17	1.0	17	17
Aroclor-1254	U	17	1.0	17	17
Aroclor-1260	U	17	1.0	17	17
Tetrachloro-m-xylene		72%			
Decachlorobiphenyl		80%			

Page 01 of 01 6TH2211.d

VIL_RESP04584

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 DEPOT STREET
PO No:
Sample Date:
Received Date:
Extraction Date: 08/14/03
Analysis Date: 08/19/03
Report Date: 08/21/2003
Matrix: SOIL

Lab ID: WG3186-2 & WG3186-3
Client ID: WG3186-LCS & WG3186-LCSD
SDG: WT1938
Extracted by: mf
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG3186
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Aroclor-1016	167	167	NA	142	145	85	87	2	50	73-125
Aroclor-1260	167	167	NA	163	151	98	91	8	50	90-127

FORM III PEST-2

6TH2212.d & 6TH2215.d

VIL RESP04585

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG3157-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: 7 DEPOT STREET SDG No.: WT1938

Lab File ID: ATH2127 Lab Sample ID: WG3157-1

Instrument ID: GC10 Date Extracted: 08/13/03

Matrix: (soil/water) SOIL Date Analyzed: 08/19/03

Level: (low/med) LOW Time Analyzed: 1721

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG3157-LCS	WG3157-2	ATH2128	08/19/03	1810
02	WG3157-LCSD	WG3157-3	ATH2129	08/19/03	1858
03	HA5, 0.5-1	WT1938-1DL	ATH2146	08/20/03	0843
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date: 08/13/03
Analysis Date: 08/19/03
Report Date: 08/21/2003
Matrix: SOIL
% Solids: 100

Lab ID: WG3157-1
Client ID: WG3157-Blank
SDG: WG3157
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3157
Units: mg/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics	U	5.0	1.0	5.0	5.0
O-Terphenyl		82%			

Page 01 of 01 ATH2127.d

VIL_RESP04587

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: 7 Depot Street
PO No:
Sample Date:
Received Date:
Extraction Date: 08/13/03
Analysis Date: 08/19/03
Report Date: 08/21/2003
Matrix: SOIL

Lab ID: WG3157-2 & WG3157-3
Client ID: WG3157-LCS & WG3157-LCSD
SDG: WT1938
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG3157
Units: mg/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Diesel Range Organics	50	50	NA	39	36	79	73	8	20	60-140

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Report

Company Jacques Whitford Company, Inc.
Sdg WT1938

Qc Batch Id	Anal Date	Prep Date	Units	Spike Amount	Result	Recovery (%)	Recovery Acceptance Range
Parameter: Total Solids							
WG3226	08/18/03	08/14/03	%	91	90	99	80-120

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

VIL_RESP04589

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WT 1938

PAGE: 1 OF 1

COOLER: 1 OF 1

COC#
SDG#
DATE / TIME RECEIVED: 8/8/03 1645
DELIVERED BY: Client
RECEIVED BY: A Adams
LIMS ENTRY BY: AmB
LIMS REVIEW BY / PM: RCJ

CLIENT: Jacques Whitford

PROJECT: 7 Depot St.

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	✓				
2. CHAIN OF CUSTODY PRESENT IN THIS COOLER?	✓				
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	✓				
4. CHAIN OF CUSTODY MATCHES SAMPLES?	✓				
5. TEMPERATURE BLANKS PRESENT?	✓			TEMP BLANK TEMP (°C)= 2.7	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	✓			COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?			N/A		
8. TRIP BLANK PRESENT IN THIS COOLER		✓			
9. PROPER SAMPLE CONTAINERS AND VOLUME?	✓				
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	✓				
11. SAMPLES PROPERLY PRESERVED(1)?	✓				
12. CORRECTIVE ACTION REPORT FILED?		✓	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

VIL_RESP04590

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: JWC | Contact: TODD COFFIN | Phone #: (207) 761-7790 | Fax #: (207) 761-7631

Address: 75 PEARL ST., SUITE 410 | City: PORTLAND | State: ME | Zip Code: 04101

Purchase Order # | Proj. Name / No.: 7 DEPOT STREET, MEP03102 | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): DAVID CHAPMAN / David Chapman | Copies To:

LAB USE ONLY | WORK ORDER #: WT1938 | KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	DRO (Filt. ☐Y☐N)	PCB (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	HA5, 0.5-1	8/8/03/ 1600	SOIL	1	✓	✓								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
David Chapman	0445 08/08/03	Amy Adams			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

VIL_RESP04591

FORMSOURCE INC ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHERE [illegible]

ORIGINAL

KAS-COC1 (R 0900)

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Aug. 11, 2003
05:07 PM

Login Number: WT1938

Account: JACQUE001
Jacques Whitford Company, Inc.

Project:

Primary Report Address:
Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201

Portland,ME 04101

Primary Invoice Address:
Accounts Payable
Jacques Whitford Company, Inc.
27 Congress St.

Portsmouth,NH 03801

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	
CLIENT PO#	:	MEP03102
COOLER TEMPERATURE	:	2.7
DELIVERY SERVICES	:	CLIENT
EDD FORMAT	:	
MAIL DATE	:	
PM	:	RCT
PROJECT NAME	:	7 Depot Street
QC LEVEL	:	II
REGULATORY LIST	:	
REPORT INSTRUCTIONS	:	Include chromatograms
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WT1938-1	HA5, 0.5-1	08-AUG-03 16:00	08-AUG-03			21-AUG-03	Include DRO fingerprint.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Solid	S	MEDEP4.1.25	22-AUG-03		
Solid	S	SW8082	22-AUG-03	100g Glass	1
Solid	S	TS	07-SEP-03		

Total Samples: *1* ***Total Analyses:*** *3*

VIL_RESP04592

ADDENDUM
ORIGINAL CHAIN OF CUSTODY

Katahdin
ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: VWC | Contact: TODD COFFIN | Phone #: (207) 761-7790 | Fax #: (207) 761-7631

Address: 75 PEARL ST., SUITE 410 | City: PORTLAND | State: ME | Zip Code: 04101

Purchase Order # | Proj. Name / No.: 7 DEPOT STREET, MEP03102 | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): DAVID CHAPMAN / David Chapman | Copies To:

LAB USE ONLY WORK ORDER #: WT1738

KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	DRO (Filt. ☐Y ☐N)	PCB (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	HA5, 0.5-1	8/8/03/ 1600	SOIL	1	✓	✓								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
David Chapman	0445 08/08/03	Amy Adams			
Relinquished By: (Signature)	**Date / Time**	**Received By: (Signature)**	**Relinquished By: (Signature)**	**Date / Time**	**Received By: (Signature)**
					VIL_RESP04594

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Report Date:
05-Dec-03 15:51

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Jacques Whitford Company, Inc.
75 Pearl Street Suite 201
Portland, ME 04109
Attn: D. Todd Coffin

Project: Windham Mill - ME
Project #: MEP

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA05661-01	SS1	Soil	25-Nov-03 11:05	02-Dec-03 09:00
SA05661-02	SS2	Soil	25-Nov-03 11:10	02-Dec-03 09:00
SA05661-03	SS3	Soil	25-Nov-03 11:30	02-Dec-03 09:00
SA05661-04	SS5	Soil	25-Nov-03 11:55	02-Dec-03 09:00
SA05661-05	SS6	Soil	25-Nov-03 12:25	02-Dec-03 09:00
SA05661-06	SS7	Soil	25-Nov-03 13:40	02-Dec-03 09:00
SA05661-07	SS8	Soil	25-Nov-03 13:50	02-Dec-03 09:00
SA05661-08	SS9	Soil	25-Nov-03 13:50	02-Dec-03 09:00
SA05661-09	SS10	Soil	25-Nov-03 14:00	02-Dec-03 09:00
SA05661-10	SS11	Soil	25-Nov-03 14:30	02-Dec-03 09:00
SA05661-11	SS12	Soil	25-Nov-03 14:35	02-Dec-03 09:00
SA05661-12	SS13	Soil	25-Nov-03 14:40	02-Dec-03 09:00
SA05661-13	SS14	Soil	25-Nov-03 14:45	02-Dec-03 09:00
SA05661-14	SS15 (MS/MSD)	Soil	25-Nov-03 15:30	02-Dec-03 09:00

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

VIL_RESP04595

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS1 SA05661-01	MEP	Soil	25-Nov-03 11:05	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	39.0 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	39.0 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	39.0 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	39.0 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	39.0 ug/kg dry	1	"	"	"	"	"	
PCB 1254	89.9	39.0 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	39.0 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	39.0 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	39.0 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*94.4*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*75.6*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	83.6	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	In	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS2	MEP	Soil	25-Nov-03 11:10	02-Dec-03
SA05661-02				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	36.1 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	36.1 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	36.1 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	36.1 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	36.1 ug/kg dry	1	"	"	"	"	"	
PCB 1254	500	36.1 ug/kg dry	1	"	"	"	"	"	
PCB 1260	317	36.1 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	36.1 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	36.1 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*97.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*59.2*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	83.0	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

VIL_RESP04597

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS3 SA05661-03	MEP	Soil	25-Nov-03 11:30	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	40.0 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	40.0 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*82.5*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*72.4*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	81.2	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

VIL_RESP04598

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS5	MEP	Soil	25-Nov-03 11:55	02-Dec-03
SA05661-04				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	39.2 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	39.2 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	39.2 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	39.2 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	39.2 ug/kg dry	1	"	"	"	"	"	
PCB 1254	44,800	39.2 ug/kg dry	1	"	"	"	"	"	
PCB 1260	32,200	39.2 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	39.2 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	39.2 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*75.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*53.8*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	80.8	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	lm	

VIL_RESP04599

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS6 SA05661-05	MEP	Soil	25-Nov-03 12:25	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	48.2 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	48.2 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	48.2 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	48.2 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	48.2 ug/kg dry	1	"	"	"	"	"	
PCB 1254	120,000	48.2 ug/kg dry	1	"	"	"	"	"	
PCB 1260	53,500	48.2 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	48.2 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	48.2 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*74.6*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*64.9*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	68.5	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	In	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS7 SA05661-06	MEP	Soil	25-Nov-03 13:40	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	33.1 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1254	13,100	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	33.1 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*81.9*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*59.2*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	95.5	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

VIL_RESP04601

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS8 SA05661-07	MEP	Soil	25-Nov-03 13:50	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	54.6 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	54.6 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	54.6 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	54.6 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	54.6 ug/kg dry	1	"	"	"	"	"	
PCB 1254	11,200	54.6 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	54.6 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	54.6 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	54.6 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*83.5*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*60.6*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	90.3	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS9 SA05661-08	MEP	Soil	25-Nov-03 13:50	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	3,210	47.6 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	47.6 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	47.6 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	47.6 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	47.6 ug/kg dry	1	"	"	"	"	"	
PCB 1254	9,590	47.6 ug/kg dry	1	"	"	"	"	"	
PCB 1260	3,540	47.6 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	47.6 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	47.6 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*81.9*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*121*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	90.4	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

VIL_RESP04603

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS10	MEP	Soil	25-Nov-03 14:00	02-Dec-03
SA05661-09				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	43.9 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	43.9 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	43.9 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	43.9 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	43.9 ug/kg dry	1	"	"	"	"	"	
PCB 1254	5,100	43.9 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	43.9 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	43.9 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	43.9 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*106*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*106*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	88.9	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

This laboratory report is not valid without an authorized signature on the cover page.

*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS11	MEP	Soil	25-Nov-03 14:30	02-Dec-03
SA05661-10				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	32.2 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	32.2 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.8*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*69.6*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	92.2	%	1	SM2540 G Mod	02-Dec-03	03-Dec-03	3120104	in	

VIL_RESP04605

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS12 SA05661-11	MEP	Soil	25-Nov-03 14:35	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	32.5 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
PCB 1254	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	32.5 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*95.4*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*82.5*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	95.3	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	In	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS13 SA05661-12	MEP	Soil	25-Nov-03 14:40	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	35.1 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	35.1 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	35.1 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	35.1 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	35.1 ug/kg dry	1	"	"	"	"	"	
PCB 1254	135	35.1 ug/kg dry	1	"	"	"	"	"	
PCB 1260	BRL	35.1 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	35.1 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	35.1 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*96.3*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*64.7*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	98.2	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	In	

VIL_RESP04607

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS14 SA05661-13	MEP	Soil	25-Nov-03 14:45	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	499	43.8 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	43.8 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	43.8 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	43.8 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	43.8 ug/kg dry	1	"	"	"	"	"	
PCB 1254	1,770	43.8 ug/kg dry	1	"	"	"	"	"	
PCB 1260	532	43.8 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	43.8 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	43.8 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*124*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*118*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	84.2	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS15 (MS/MSD) SA05661-14	MEP	Soil	25-Nov-03 15:30	02-Dec-03

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	222	37.2 ug/kg dry	1	SW846 8082	02-Dec-03	05-Dec-03	3120102	TG	
PCB 1221	BRL	37.2 ug/kg dry	1	"	"	"	"	"	
PCB 1232	BRL	37.2 ug/kg dry	1	"	"	"	"	"	
PCB 1242	BRL	37.2 ug/kg dry	1	"	"	"	"	"	
PCB 1248	BRL	37.2 ug/kg dry	1	"	"	"	"	"	
PCB 1254	1,170	37.2 ug/kg dry	1	"	"	"	"	"	
PCB 1260	445	37.2 ug/kg dry	1	"	"	"	"	"	
PCB 1262	BRL	37.2 ug/kg dry	1	"	"	"	"	"	
PCB 1268	BRL	37.2 ug/kg dry	1	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*96.5*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*126*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	90.5	%	1	SM2540 G Mod.	02-Dec-03	03-Dec-03	3120104	ln	

VIL_RESP04609

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3120102 - SW846 3550B										
Blank (3120102-BLK1)				Prepared: 02-Dec-03 Analyzed: 05-Dec-03						
PCB 1016	BRL	50 6	ug/kg wet							
PCB 1221	BRL	50.6	ug/kg wet							
PCB 1232	BRL	50.6	ug/kg wet							
PCB 1242	BRL	50.6	ug/kg wet							
PCB 1248	BRL	50.6	ug/kg wet							
PCB 1254	BRL	50.6	ug/kg wet							
PCB 1260	BRL	50.6	ug/kg wet							
PCB 1262	BRL	50.6	ug/kg wet							
PCB 1268	BRL	50.6	ug/kg wet							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.9*		ug/kg wet	*50 6*		*72 9*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*33.5*		ug/kg wet	*50.6*		*66.2*	*40-140*			
Duplicate (3120102-DUP1)		**Source: SA05661-14**		Prepared: 02-Dec-03 Analyzed: 05-Dec-03						
PCB 1016	213	37 3	ug/kg dry		222			4 14	40	
PCB 1221	BRL	37.3	ug/kg dry		BRL				40	
PCB 1232	BRL	37.3	ug/kg dry		BRL				40	
PCB 1242	BRL	37.3	ug/kg dry		BRL				40	
PCB 1248	BRL	37.3	ug/kg dry		BRL				40	
PCB 1254	1030	37.3	ug/kg dry		1170			12.7	40	
PCB 1260	601	37.3	ug/kg dry		445			29.8	40	
PCB 1262	BRL	37.3	ug/kg dry		BRL				40	
PCB 1268	BRL	37.3	ug/kg dry		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*33.6*		ug/kg dry	*37.3*		*90.1*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*47.0*		ug/kg dry	*37.3*		*126*	*40-140*			
atrix Spike (3120102-MS1)		**Source: SA05661-14**		Prepared: 02-Dec-03 Analyzed: 05-Dec-03						
PCB 1016	702	40.9	ug/kg dry	510	222	94.1	40-140			
PCB 1260	1150	40.9	ug/kg dry	510	445	138	40-140			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*43.9*		ug/kg dry	*40.8*		*108*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*46.9*		ug/kg dry	*40.8*		*115*	*40-140*			
Matrix Spike Dup (3120102-MSD1)		**Source: SA05661-14**		Prepared: 02-Dec-03 Analyzed: 05-Dec-03						
PCB 1016	767	40.8	ug/kg dry	509	222	107	40-140	12.8	50	
PCB 1260	1020	40.8	ug/kg dry	509	445	113	40-140	19.9	50	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*48.1*		ug/kg dry	*40.7*		*118*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*50.3*		ug/kg dry	*40.7*		*124*	*40-140*			

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 3120104 - General Preparation										
Duplicate (3120104-DUP1)		**Source: SA05662-05**		Prepared: 02-Dec-03 Analyzed: 03-Dec-03						
% Solids	76.9		%		79.1			2.82	20	

Notes and Definitions

BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA 03-1-1

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

INV#23/20043

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 12/05/03
All TATs subject to laboratory approval
Min 24-hour notification needed for rushes
Samples disposed of after 60 days unless otherwise instructed.

Report To:
D. Todd Coffin
75 Pearl St. Ste 410
Portland ME 04101

Project Mgr:

Invoice To:
Jacques Whitford Co
27 Congress St.
Portsmouth NH 03501

P.O. No.: 5769 RQN:

Project No.: MEP
Site Name: Windham Mill
Location: S. Windham State: ME
Sampler(s): R. Crosbie

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9= 10=

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1= X2= X3=

G=Grab C=Composite

QA Reporting Notes: (check if needed)
State specific reporting standards
If applicable please list below
☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB's
03-1-1 -01	SS1	11/25/03	11:05	G	SO		Ø	1	Ø	Ø	✓
-02	SS2		11:10	G							✓
-03	SS3		11:30								✓
-04	SS5		11:55								✓
-05	SS6		12:25								✓
-06	SS7		13:40								✓
-07	SS8		13:50								✓
-08	SS9		13:50								✓
-09	SS10		14:00								✓
-10	SS11	+	14:30								✓

☐ Fax results when available to (____)
☐ E-mail to
EDD Format

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C

Relinquished by:	Received by:	Date:	Time:
[signature]	Ted K	12/01/03	08:00
Ted K	VKnowles	12/2/03	9:00

VIL_RESP04612

O:Sleet 1

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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

Special Handling:
☐ Standard TAT - 7 to 10 business days
☒ Rush TAT - Date Needed: 12/05/03
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To:
D. Todd Coffin
75 Pearl St. Ste 410
Portland ME 04101
Project Mgr.:

Invoice To:
Jacques Whitford Co, Inc.
27 Congress St.
Portsmouth NH 03801
P.O. No.: 5769 RQN:

Project No.: MEP
Site Name: Windham Mill
Location: S. Windham State: ME
Sampler(s): R. Crosbie

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

QA Reporting Notes: (check if needed)
State specific reporting standards *If applicable, please list below*
☐ Provide MCP CAM Report
Were all field QC requirements met as per MADEP CAM Section 2.0?
☐ Yes ☐ No
(Response required for CAM report)

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCB's
C) 5661 - 11	SS12	11/25/03	14:35	G	SO		Ø	1	Ø	Ø	✓
- 12	SS13		14:40								✓
- 13	SS14		14:45								✓
- 14	SS15		15:30								✓
	SS15 (ms)		15:30								✓
	SS15 (msd)		15:30								✓

☐ Fax results when available to (____) _____
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☑ Iced ☐ Ambient ☐ °C 4

Relinquished by:	Received by:	Date:	Time:
[signature]	[signature]	12/01/03	08:00
[signature]	[signature]	12/2/03	9:00

VIL_RESP04613

Report Date:
21-Jan-04 17:02

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

Laboratory Report

Jacques Whitford Company, Inc.
75 Pearl Street Suite 201
Portland, ME 04109
Attn: D. Todd Coffin

Project: Windham Mill - ME
Project #: MEP03102

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA07300-01	SS101	Soil	13-Jan-04 10:50	15-Jan-04 10:10
SA07300-02	SS102	Soil	13-Jan-04 11:02	15-Jan-04 10:10
SA07300-03	SS103	Soil	13-Jan-04 11:05	15-Jan-04 10:10
SA07300-04	SS104	Soil	13-Jan-04 11:08	15-Jan-04 10:10
SA07300-05	SS105	Soil	13-Jan-04 11:30	15-Jan-04 10:10
SA07300-06	SS106	Soil	13-Jan-04 11:38	15-Jan-04 10:10

I attest that all information contained within this report has been reviewed for accuracy and checked against all quality control requirements outlined in each applicable method and meet the requirements of NELAC.
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600
Maine # MA138
New Hampshire # 2538
New York # 11393
Rhode Island # 98
USDA # S-51435

ACCREDITED IN ACCORDANCE WITH nelac

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS101	MEP03102	Soil	13-Jan-04 10:50	15-Jan-04
SA07300-01				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	4410 ug/kg dry	100	SW846 8082	19-Jan-04	20-Jan-04	4010841	MP	
PCB 1221	BRL	4410 ug/kg dry	100	"	"	"	"	"	
PCB 1232	BRL	4410 ug/kg dry	100	"	"	"	"	"	
PCB 1242	BRL	4410 ug/kg dry	100	"	"	"	"	"	
PCB 1248	BRL	4410 ug/kg dry	100	"	"	"	"	"	
PCB 1254	262,000	4410 ug/kg dry	100	"	"	"	"	"	
PCB 1260	BRL	4410 ug/kg dry	100	"	"	"	"	"	
PCB 1262	BRL	4410 ug/kg dry	100	"	"	"	"	"	
PCB 1268	BRL	4410 ug/kg dry	100	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*65.5*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*61.0*	*40-140 %*		"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	BRL	0.243 mg/kg dry	1	SW846 7471A	20-Jan-04	21-Jan-04	4010962	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.61 mg/kg dry	1	EPA 200 7	"	21-Jan-04	4010959	HB	
Arsenic	17.5	3.91 mg/kg dry	1	"	"	"	"	"	
Barium	126	1.30 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.651 mg/kg dry	1	"	"	"	"	"	
Chromium	158	1.30 mg/kg dry	1	"	"	"	"	"	
Lead	109	1.95 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	3.91 mg/kg dry	1	"	"	"	"	"	
General Chemistry Parameters									
% Solids	70.9	%	1	SM2540 G Mod.	16-Jan-04	19-Jan-04	4010781	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS102	MEP03102	Soil	13-Jan-04 11:02	15-Jan-04
SA07300-02				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	6680 ug/kg dry	200	SW846 8082	19-Jan-04	20-Jan-04	4010841	MP	
PCB 1221	BRL	6680 ug/kg dry	200	"	"	"	"	"	
PCB 1232	BRL	6680 ug/kg dry	200	"	"	"	"	"	
PCB 1242	BRL	6680 ug/kg dry	200	"	"	"	"	"	
PCB 1248	BRL	6680 ug/kg dry	200	"	"	"	"	"	
PCB 1254	71,100	6680 ug/kg dry	200	"	"	"	"	"	
PCB 1260	BRL	6680 ug/kg dry	200	"	"	"	"	"	
PCB 1262	BRL	6680 ug/kg dry	200	"	"	"	"	"	
PCB 1268	BRL	6680 ug/kg dry	200	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*70.3*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*62.8*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	92.6	%	1	SM2540 G Mod.	16-Jan-04	19-Jan-04	4010781	LN	

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS103	MEP03102	Soil	13-Jan-04 11:05	15-Jan-04
SA07300-03				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	29800 ug/kg dry	1000	SW846 8082	19-Jan-04	20-Jan-04	4010841	MP	
PCB 1221	BRL	29800 ug/kg dry	1000	"	"	"	"	"	
PCB 1232	BRL	29800 ug/kg dry	1000	"	"	"	"	"	
PCB 1242	BRL	29800 ug/kg dry	1000	"	"	"	"	"	
PCB 1248	BRL	29800 ug/kg dry	1000	"	"	"	"	"	
PCB 1254	138,000	29800 ug/kg dry	1000	"	"	"	"	"	
PCB 1260	BRL	29800 ug/kg dry	1000	"	"	"	"	"	
PCB 1262	BRL	29800 ug/kg dry	1000	"	"	"	"	"	
PCB 1268	BRL	29800 ug/kg dry	1000	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*81.2*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*65.8*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	94.9	%	1	SM2540 G Mod.	16-Jan-04	19-Jan-04	4010781	LN	

VIL_RESP04617

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS104	MEP03102	Soil	13-Jan-04 11:08	15-Jan-04
SA07300-04				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	29900 ug/kg dry	1000	SW846 8082	19-Jan-04	20-Jan-04	4010841	MP	
PCB 1221	BRL	29900 ug/kg dry	1000	"	"	"	"	"	
PCB 1232	BRL	29900 ug/kg dry	1000	"	"	"	"	"	
PCB 1242	BRL	29900 ug/kg dry	1000	"	"	"	"	"	
PCB 1248	BRL	29900 ug/kg dry	1000	"	"	"	"	"	
PCB 1254	100,000	29900 ug/kg dry	1000	"	"	"	"	"	
PCB 1260	BRL	29900 ug/kg dry	1000	"	"	"	"	"	
PCB 1262	BRL	29900 ug/kg dry	1000	"	"	"	"	"	
PCB 1268	BRL	29900 ug/kg dry	1000	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*93.6*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*64.8*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	90.9	%	1	SM2540 G Mod.	16-Jan-04	19-Jan-04	4010781	LN	

VIL_RESP04618

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*Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS105 SA07300-05	MEP03102	Soil	13-Jan-04 11:30	15-Jan-04

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B									
Mercury	0.250	0.247 mg/kg dry	1	SW846 7471A	21-Jan-04	21-Jan-04	4011046	YP	
Total Metals by EPA 200 Series Methods									
Silver	BRL	2.86 mg/kg dry	1	EPA 200.7	"	21-Jan-04	4011041	KS	
Arsenic	13.6	4.28 mg/kg dry	1	"	"	"	"	"	
Barium	73.4	1.43 mg/kg dry	1	"	"	"	"	"	
Cadmium	BRL	0.714 mg/kg dry	1	"	"	"	"	"	
Chromium	32.0	1.43 mg/kg dry	1	"	"	"	"	"	
Lead	212	2.14 mg/kg dry	1	"	"	"	"	"	
Selenium	BRL	4.28 mg/kg dry	1	"	"	"	"	"	
General Chemistry Parameters									
% Solids	68.2	%	1	SM2540 G Mod.	16-Jan-04	19-Jan-04	4010781	LN	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
SS106	MEP03102	Soil	13-Jan-04 11:38	15-Jan-04
SA07300-06				

Analyte(s)	*Result*	**RDL/Units*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*	*Flag*
Semivolatile Organic Compounds by GC									
Polychlorinated Biphenyls by SW846 8082		Prepared by method SW846 3550B							
PCB 1016	BRL	40900 ug/kg dry	1000	SW846 8082	19-Jan-04	20-Jan-04	4010841	MP	
PCB 1221	BRL	40900 ug/kg dry	1000	"	"	"	"	"	
PCB 1232	BRL	40900 ug/kg dry	1000	"	"	"	"	"	
PCB 1242	BRL	40900 ug/kg dry	1000	"	"	"	"	"	
PCB 1248	BRL	40900 ug/kg dry	1000	"	"	"	"	"	
PCB 1254	113,000	40900 ug/kg dry	1000	"	"	"	"	"	
PCB 1260	BRL	40900 ug/kg dry	1000	"	"	"	"	"	
PCB 1262	BRL	40900 ug/kg dry	1000	"	"	"	"	"	
PCB 1268	BRL	40900 ug/kg dry	1000	"	"	"	"	"	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*91.7*	*40-140 %*		"	"	"	"	"	
Surrogate: Decachlorobiphenyl (Sr)	*74.1*	*40-140 %*		"	"	"	"	"	
General Chemistry Parameters									
% Solids	67.1	%	1	SM2540 G Mod.	16-Jan-04	19-Jan-04	4010781	LN	

Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010841 - SW846 3550B										
Blank (4010841-BLK1)				Prepared: 19-Jan-04 Analyzed: 20-Jan-04						
PCB 1016	BRL	36.1	ug/kg wet							
PCB 1221	BRL	36.1	ug/kg wet							
PCB 1232	BRL	36.1	ug/kg wet							
PCB 1242	BRL	36.1	ug/kg wet							
PCB 1248	BRL	36.1	ug/kg wet							
PCB 1254	BRL	36.1	ug/kg wet							
PCB 1260	BRL	36.1	ug/kg wet							
PCB 1262	BRL	36.1	ug/kg wet							
PCB 1268	BRL	36.1	ug/kg wet							
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*28.2*		ug/kg wet	*36.1*		*78.1*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*18.0*		ug/kg wet	*36.1*		*49.9*	*40-140*			
Duplicate (4010841-DUP1)		**Source: SA07320-04**		Prepared: 19-Jan-04 Analyzed: 20-Jan-04						
PCB 1016	BRL	37.4	ug/kg dry		BRL				40	
PCB 1221	BRL	37.4	ug/kg dry		BRL				40	
PCB 1232	BRL	37.4	ug/kg dry		BRL				40	
PCB 1242	BRL	37.4	ug/kg dry		BRL				40	
PCB 1248	BRL	37.4	ug/kg dry		BRL				40	
PCB 1254	BRL	37.4	ug/kg dry		BRL				40	
PCB 1260	BRL	37.4	ug/kg dry		BRL				40	
PCB 1262	BRL	37.4	ug/kg dry		BRL				40	
PCB 1268	BRL	37.4	ug/kg dry		BRL				40	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*31.6*		ug/kg dry	*37.3*		*84.7*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*20.8*		ug/kg dry	*37.3*		*55.8*	*40-140*			
Matrix Spike (4010841-MS1)		**Source: SA07320-04**		Prepared: 19-Jan-04 Analyzed: 20-Jan-04						
PCB 1016	573	44 2	ug/kg dry	551	BRL	104	40-140			
PCB 1260	529	44.2	ug/kg dry	551	BRL	96.0	40-140			
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*41.3*		ug/kg dry	*44.1*		*93.7*	*40-140*			
Surrogate: Decachlorobiphenyl (Sr)	*31.7*		ug/kg dry	*44.1*		*71.9*	*40-140*			
Matrix Spike Dup (4010841-MSD1)		**Source: SA07320-04**		Prepared: 19-Jan-04 Analyzed: 20-Jan-04						
PCB 1016	571	43.2	ug/kg dry	540	BRL	106	40-140	1 90	50	
PCB 1260	499	43.2	ug/kg dry	540	BRL	92.4	40-140	3.82	50	
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	*36.5*		ug/kg dry	*43.2*		*84.5*	*40-140*			
Surrogate· Decachlorobiphenyl (Sr)	*28.6*		ug/kg dry	*43.2*		*66.2*	*40-140*			

VIL_RESP04621

Total Metals by EPA 6000/7000 Series Methods, Prepared by SW846 3050B - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010962 - EPA200/SW7000 Series										
Blank (4010962-BLK1)				Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Mercury	BRL	0.0010	mg/kg wet							
LCS (4010962-BS1)				Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Mercury	0.933	0.179	mg/kg wet	0.893		104	80-120			
Duplicate (4010962-DUP1)		Source: SA07248-08		Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Mercury	BRL	0.186	mg/kg dry		BRL				35	
Matrix Spike (4010962-MS1)		Source: SA07248-10		Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Mercury	0.487	0.194	mg/kg dry	0.453	BRL	108	75-125			
Matrix Spike Dup (4010962-MSD1)		Source: SA07248-10		Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Mercury	0.585	0.190	mg/kg dry	0.443	BRL	132	75-125	18.3	35	QM-07
Reference (4010962-SRM1)				Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Mercury	1.28	0.179	mg/kg wet	1.25		102	85-115			
Batch 4011046 - EPA200/SW7000 Series										
Blank (4011046-BLK1)				Prepared & Analyzed: 21-Jan-04						
Mercury	BRL	0.0010	mg/kg wet							
LCS (4011046-BS1)				Prepared & Analyzed: 21-Jan-04						
Mercury	0.896	0.179	mg/kg wet	0.893		100	80-120			
Duplicate (4011046-DUP1)		Source: SA07300-05		Prepared & Analyzed: 21-Jan-04						
Mercury	BRL	0.256	mg/kg dry		0.250			0.399	35	
Reference (4011046-SRM1)				Prepared & Analyzed: 21-Jan-04						
Mercury	1.32	0.179	mg/kg wet	1.32		100	85-115			

VIL_RESP04622

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010959 - EPA 200 Series										
Blank (4010959-BLK1)				Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0200	mg/kg wet							
Arsenic	BRL	0 0300	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Chromium	BRL	0.0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
LCS (4010959-BS1)				Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Selenium	1.06	0.0300	mg/kg wet	1.00		106	85-115			
Silver	0 997	0.0400	mg/kg wet	1.00		99.7	85-115			
Arsenic	1.05	0.0300	mg/kg wet	1.00		105	85-115			
Cadmium	1.04	0.0050	mg/kg wet	1.00		104	85-115			
Chromium	1.02	0.0100	mg/kg wet	1.00		102	85-115			
Lead	1.06	0.0150	mg/kg wet	1.00		106	85-115			
Barium	1.04	0.0100	mg/kg wet	1.00		104	85-115			
Reference (4010959-SRM1)				Prepared: 20-Jan-04 Analyzed: 21-Jan-04						
Selenium	1.15	0.0300	mg/kg wet	1.12		103	85-115			
Silver	0.214	0.0200	mg/kg wet	0.214		100	85-115			
Arsenic	0.788	0.0300	mg/kg wet	0.704		112	85-115			
Cadmium	1.14	0.0050	mg/kg wet	1.15		99.1	85-115			
Chromium	0.588	0.0100	mg/kg wet	0.536		110	85-115			
Lead	1.27	0.0150	mg/kg wet	1.40		90.7	85-115			
Barium	0.122	0.0100	mg/kg wet	0.125		97 6	85-115			
Batch 4011041 - EPA 200 Series										
Blank (4011041-BLK1)				Prepared & Analyzed: 21-Jan-04						
Selenium	BRL	0.0300	mg/kg wet							
Silver	BRL	0.0200	mg/kg wet							
Arsenic	BRL	0.0300	mg/kg wet							
Cadmium	BRL	0.0050	mg/kg wet							
Chromium	BRL	0 0100	mg/kg wet							
Lead	BRL	0.0150	mg/kg wet							
Barium	BRL	0.0100	mg/kg wet							
LCS (4011041-BS1)				Prepared & Analyzed: 21-Jan-04						
Selenium	1.01	0.0300	mg/kg wet	1.00		101	85-115			
Silver	0.963	0.0400	mg/kg wet	1.00		96.3	85-115			
Arsenic	0.987	0.0300	mg/kg wet	1.00		98.7	85-115			
Cadmium	1.02	0.0050	mg/kg wet	1.00		102	85-115			
Chromium	1 03	0.0100	mg/kg wet	1 00		103	85-115			
Lead	1 02	0.0150	mg/kg wet	1.00		102	85-115			
Barium	1.04	0.0100	mg/kg wet	1.00		104	85-115			
Duplicate (4011041-DUP1)		**Source: SA07300-05**		Prepared & Analyzed: 21-Jan-04						
Selenium	BRL	4.03	mg/kg dry		BRL				200	
Silver	BRL	2.68	mg/kg dry		BRL				200	
Arsenic	30.5	4.03	mg/kg dry		13.6			76 6	20	QR-03
Cadmium	BRL	0.671	mg/kg dry		BRL				20	
Chromium	57.3	1 34	mg/kg dry		32 0			56 7	20	QR-03
Lead	100	2.01	mg/kg dry		212			71.8	20	QR-03
Barium	64.1	1.34	mg/kg dry		73 4			13.5	200	
Reference (4011041-SRM1)				Prepared & Analyzed: 21-Jan-04						
Selenium	1 11	0.0300	mg/kg wet	1.11		100	85-115			
Silver	0.210	0.0200	mg/kg wet	0 213		98 6	85-115			

VIL_RESP04623

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*Reportable Detection Limit BRL = Below Reporting Limit

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4011041 - EPA 200 Series										
Reference (4011041-SRM1)				Prepared & Analyzed: 21-Jan-04						
Arsenic	0.764	0.0300	mg/kg wet	0.701		109	85-115			
Cadmium	1.10	0.0050	mg/kg wet	1.14		96.5	85-115			
Chromium	0.579	0.0100	mg/kg wet	0.534		108	85-115			
Lead	1.22	0.0150	mg/kg wet	1.39		87.8	85-115			
Barium	0 125	0.0100	mg/kg wet	0 125		100	85-115			

General Chemistry Parameters - Quality Control

Analyte(s)	Result	*RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
Batch 4010781 - General Preparation										
Duplicate (4010781-DUP1)		**Source: SA07308-02**		Prepared: 16-Jan-04 Analyzed: 19-Jan-04						
% Solids	89 0		%		90.0			1.12	20	

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside the QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The RDL is generally 5 to 10 times the MDL. However, it may be nominally chosen within these guidelines to simplify data reporting. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Validated by:
Hanibal C. Tayeh, Ph.D.
Dan DeAlmeida

SA07300

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☐ Standard TAT - 7 to 10 business days
- ☒ Rush TAT - Date Needed: 01/21/04
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: Jacques Whitford, Co
75 Pearl St Ste 410
Portland, ME 04101

Project Mgr.: Todd Coffin

Invoice To: 24010633

P.O. No.: 5777 RQN:

Project No.: MEP03102
Site Name: 7 Depot Street Windham Mill
Location: Windham State: ME
Sampler(s): Todd Coffin & Katie Curtis

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	PCBs	RCRA 8 metals	Percent Solids							QA Reporting Notes: (check if needed)
S7407300-01	SS101	1/13/04	10:50	G	SO			1			✓									State specific reporting standards *If applicable, please list below* ☐ Provide MCP CAM Report Were all field QC requirements met as per MADEP CAM Section 2.0? ☐ Yes ☐ No *(Response required for CAM report)*
-04	SS101	1/13/04	10:50	G	SO					1		✓	✓							
-02	SS102		11:02	G	SO			1			✓									
-03	SS103		11:05	G	SO			1			✓									
-04	SS104		11:08	G	SO			1			✓									
-05	SS105		11:30	G	SO			1				✓								
-06	SS106	✓	11:38	G	SO			1			✓									

☐ Fax results when available to (____) _____
☐ E-mail to _____
EDD Format _____

Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 3

Relinquished by:	Received by:	Date:	Time:
Katie Curtis	Todd	1/14/04	1:30
Todd	[illegible]	1/15/04	10:10

VIL_RESP04626

Katahdin
ANALYTICAL SERVICES

nelac
Cert No E87604

January 29, 2004

Mr. Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

RE: Katahdin Lab Number: WU0086
Project ID: DEPOT ST./MEP03102
Project Manager: Mr. Robert Thomas
Sample Receipt Date(s): January 14, 2004

Dear Mr. Coffin:

Please find enclosed the following information:

* Report of Analysis (Analytical and/or Field)
* Quality Control Data Summary
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. This cover letter is an integral part of the ROA.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Sincerely,

KATAHDIN ANALYTICAL SERVICES

Jennifer Obrin
Authorized Signature

01-29-04
Date

VIL_RESP04627

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: DEPOT ST./MEP03102
PO No:
Sample Date: 01/13/04
Received Date: 01/14/04
Extraction Date: 01/20/04
Analysis Date: 01/27/04
Report Date: 01/27/2004
Matrix: SOIL
% Solids: 54.9

Lab ID: WU0086-1DL
Client ID: SS101
SDG: WU0086
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LRS
Analysis Method: SW846 8082
Lab Prep Batch: WG5516
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	31000	1000	17	31000
Aroclor-1221	U	31000	1000	17	31000
Aroclor-1232	U	31000	1000	17	31000
Aroclor-1242	U	31000	1000	17	31000
Aroclor-1248	U	31000	1000	17	31000
Aroclor-1254		570000	1000	17	31000
Aroclor-1260	U	31000	1000	17	31000
Tetrachloro-m-xylene		D			
Decachlorobiphenyl		D			

Page 01 of 01 6UA3106.d

VIL_RESP04629

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland,ME 04101

Lab Sample ID: WU0086-1
Report Date: 28-JAN-04
Client PO: 5776
Project: DEPOT ST./MEP03102
SDG: WU0086

Sample Description	Matrix	Date Sampled	Date Received
SS101	SL	13-JAN-04	14-JAN-04

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	By	Prep. Method	Prep. Date	By	Footnotes
Total Solids	55 %	.1	CLP SOW 788	WG5511	19-JAN-04	JF	CLP SOW 788	16-JAN-04	JF	

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

VIL_RESP04630

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sales@katahdinlab.com

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG5516-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: DEPOT ST./MEP03102 SDG No.: WU0086

Lab Sample ID: WG5516-1 Lab File ID: 6UA3059

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3545

Sulfur Cleanup: (Y/N) N Date Extracted: 01/20/04

Date Analyzed (1): 01/26/04 Date Analyzed (2): 01/26/04

Time Analyzed (1): 1421 Time Analyzed (2): 1421

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG5516-LCS	WG5516-2	6UA3060	01/26/04	01/26/04
02	SS101	WU0086-1DL	6UA3106	01/27/04	01/27/04
03					
04					
05					
06					
07					
08					
09					
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22					
23					
24					

COMMENTS:

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: DEPOT ST./MEP03102
PO No:
Sample Date:
Received Date:
Extraction Date: 01/20/04
Analysis Date: 01/26/04
Report Date: 01/27/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG5516-1
Client ID: WG5516-Blank
SDG: WG5516
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LRS
Analysis Method: SW846 8082
Lab Prep Batch: WG5516
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	17	1.0	17	17
Aroclor-1221	U	17	1.0	17	17
Aroclor-1232	U	17	1.0	17	17
Aroclor-1242	U	17	1.0	17	17
Aroclor-1248	U	17	1.0	17	17
Aroclor-1254	U	17	1.0	17	17
Aroclor-1260	U	17	1.0	17	17
Tetrachloro-m-xylene		92%			
Decachlorobiphenyl		82%			

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: DEPOT ST./MEP03102
PO No:
Sample Date:
Received Date:
Extraction Date: 01/20/04
Analysis Date: 01/26/04
Report Date: 01/27/2004
Matrix: SOIL

Lab ID: WG5516-2
Client ID: WG5516-LCS
SDG: WU0086
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LRS
Analysis Method: SW846 8082
Lab Prep Batch: WG5516
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	167	NA	140	84	56-116
Aroclor-1260	167	NA	139	83	59-118

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Blank Sample Summary Report

Total Solids

Samp Type	QC Batch	Anal. Method	Anal. Date	Prep. Date	Result	PQL
MBLANK	WG5511	CLP SOW 788	19-JAN-04	16-JAN-04	U .1 %	.1 %

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Quality Control Report

Laboratory Control Sample Summary Report

Total Solids

Lab Sample Id	Samp Type	QC Batch	Analysis Date	Prep Date	Units	Spike Amt.	Result	Recovery	Acceptance Range	RPD
WG5511-2	LCS	WG5511	19-JAN-04	16-JAN-04	%	90	90	100	80-120	

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Tel:(207) 874-2400 Fax (207) 775-4029

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KATAHDIN ANALYTICAL SERVICES, INC.
SAMPL ECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WU0086

PAGE: 1 OF 1

COOLER: 1 OF 1

CLIENT: Jacques Whitford

PROJECT: Depot St

COC#
SDG#
DATE / TIME RECEIVED:
DELIVERED BY:
RECEIVED BY:
LIMS ENTRY BY:
LIMS REVIEW BY / PM:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☐	☑	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☑	☐	☐		
3 CHAIN OF CUSTODY SIGNED BY CLIENT?	☑	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☑	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☐	☑	☐	TEMP BLANK TEMP (°C)=	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	☑	☐	☐	COOLER TEMP (°C)= 5.0 NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☐	☐	☑		
8. TRIP BLANK PRESENT IN THIS COOLER	☐	☐	☑		
9 PROPER SAMPLE CONTAINERS AND VOLUME?	☑	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☑	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☑	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☑	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

VIL_RESP04636

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client	Contact	Phone #	Fax #
Jacques Whitford, Co.	Todd Coffin	(207) 761-7790	(207) 761-7631

Address: 75 Pearl St Ste 410 City: Portland State: ME Zip Code: 04101

Purchase Order #: 5776 Proj. Name / No.: Depot Street / MEP03102 Katahdin Quote #:

Bill (if different than above): Address:

Sampler (Print / Sign): Todd Coffin + Katie Curtis Katie Curtis Copies To:

LAB USE ONLY WORK ORDER #: W40086

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	RCB	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	SS101	1/3/04 10:50	Sed.	1	✓										
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		/													

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signatur
Katie Curtis	1/4/04 2:40	Amy Adams			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

VIL_RESP04637

FORMSOURCE INC ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT [illegible]

ORIGINAL

KAS-COC1 (R 0900)

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Jan. 15, 2004
03:05 PM

Login Number: WU0086

Account: JACQUE001
Jacques Whitford Company, Inc.

Project:

Primary Report Address:
Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201

Portland,ME 04101

Primary Invoice Address:
Accounts Payable
Jacques Whitford Company, Inc.
27 Congress St.

Portsmouth,NH 03801

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:
CLIENT PO#	: 5776
COOLER TEMPERATURE	:
DELIVERY SERVICES	: CLIENT
EDD FORMAT	:
MAIL DATE	:
PM	: RCT
PROJECT NAME	: DEPOT ST./MEP03102
QC LEVEL	: II
REGULATORY LIST	:
REPORT INSTRUCTIONS	:
SDG ID	:
SDG STATUS	:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WU0086-1	SS101	13-JAN-04 10:50	14-JAN-04			27-JAN-04	

Matrix		*Product*	*Hold Date (shortest)*	*Bottle Type*	*Bottle Count*
Solid	S	SW8082	27-JAN-04	100g Glass	1
Solid	S	TS	12-FEB-04		

Total Samples: *1* ***Total Analyses:*** *2*

VIL_RESP04638

ADDENDUM
ORIGINAL CHAIN OF CUSTODY

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: Jacques Whitford, Co.
Contact: Todd Coffin
Phone #: (207) 761-7790
Fax #: (207) 761-7631
Address: 75 Pearl St Ste 410
City: Portland
State: ME
Zip Code: 04101
Purchase Order #: 5776
Proj. Name / No.: Depot Street / ME P03102
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): Todd Coffin + Katie Curtis Katie Curtis
Copies To:

LAB USE ONLY
WORK ORDER #: W40086
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

#	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☐N (RCB)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	SS101	1/13/04 10:50	Sed.	1	✓									

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By (Signature)
Katie Curtis	1/14/04 2:40	Amy Adams			
Relinquished By: (Signature)	**Date / Time**	**Received By: (Signature)**	**Relinquished By: (Signature)**	**Date / Time**	**Received By: (Signature)**

VIL_RESP04640

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS

ORIGINAL

Katahdin
ANALYTICAL SERVICES

Cert. No E87604

February 10, 2004

Mr. Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland, ME 04101

RE: Katahdin Lab Number: WU0288
Project ID: MEP 03102
Project Manager: Mr. Robert Thomas
Sample Receipt Date(s): February 03, 2004

Dear Mr. Coffin:

Please find enclosed the following information:

* Report of Analysis (Analytical and/or Field)
* Chain of Custody (COC)
* Login Report

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. This cover letter is an integral part of the ROA.

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

Sincerely,

KATAHDIN ANALYTICAL SERVICES

Jennifer Obrin
Authorized Signature

02.10.04
Date

VIL_RESP04641

TECHNICAL NARRATIVE

Organics Laboratory

The samples of Work Order WU0288 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, for the specific method listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation reports.

8082 Analysis

Sample WU0288-2DL had low recoveries for the surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Since the recoveries for TCX were within the acceptance limits, the sample was not reanalyzed.

There were no other protocol deviations or observations noted by the organics laboratory staff.

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ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: MEP 03102
PO No:
Sample Date: 02/03/04
Received Date: 02/03/04
Extraction Date: 02/04/04
Analysis Date: 02/04/04
Report Date: 02/05/2004
Matrix: SOIL
% Solids: 73.4

Lab ID: WU0288-1DL2
Client ID: SS107
SDG: WU0288
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG5843
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	2300	100	17	2300
Aroclor-1221	U	2300	100	17	2300
Aroclor-1232	U	2300	100	17	2300
Aroclor-1242	U	2300	100	17	2300
Aroclor-1248	U	2300	100	17	2300
Aroclor-1254		120000	100	17	2300
Aroclor-1260	U	2300	100	17	2300
Tetrachloro-m-xylene		D			
Decachlorobiphenyl		D			

Page 01 of 01 6UB1049.d

VIL_RESP04644

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland,ME 04101

Lab Sample ID: WU0288-1
Report Date: 10-FEB-04
Client PO: 5780
Project: MEP 03102
SDG: WU0288

Sample Description	Matrix	Date Sampled	Date Received
SS107	SL	03-FEB-04	03-FEB-04

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	By	Prep. Method	Prep. Date	By	Footnotes
Total Solids	73 %	.1	CLP SOW 788	WG5845	04-FEB-04	JF	CLP SOW 788	03-FEB-04	JF	

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Jacques Whitford Co
Project: MEP 03102
PO No:
Sample Date: 02/03/04
Received Date: 02/03/04
Extraction Date: 02/04/04
Analysis Date: 02/04/04
Report Date: 02/05/2004
Matrix: SOIL
% Solids: 61.8

Lab ID: WU0288-2DL
Client ID: SS108
SDG: WU0288
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG5843
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	140	5.0	17	140
Aroclor-1221	U	140	5.0	17	140
Aroclor-1232	U	140	5.0	17	140
Aroclor-1242	U	140	5.0	17	140
Aroclor-1248	U	140	5.0	17	140
Aroclor-1254		9300	5.0	17	140
Aroclor-1260	U	140	5.0	17	140
Tetrachloro-m-xylene		60%			
Decachlorobiphenyl		* 47%			

Page 01 of 01 6UB1046.d

VIL_RESP04646

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201
Portland,ME 04101

Lab Sample ID: WU0288-2
Report Date: 10-FEB-04
Client PO: 5780
Project: MEP 03102
SDG: WU0288

Sample Description	Matrix	Date Sampled	Date Received
SS108	SL	03-FEB-04	03-FEB-04

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	By	Prep. Method	Prep. Date	By	Footnotes
Total Solids	62 %	.1	CLP SOW 788	WG5845	04-FEB-04	JF	CLP SOW 788	03-FEB-04	JF	

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Tel.(207) 874-2400 Fax.(207) 775-4029

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FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG5843-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: MEP 03102 SDG No.: WU0288

Lab Sample ID: WG5843-1 Lab File ID: 6UB1043

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3545

Sulfur Cleanup: (Y/N) N Date Extracted: 02/04/04

Date Analyzed (1): 02/04/04 Date Analyzed (2): 02/04/04

Time Analyzed (1): 1714 Time Analyzed (2): 1714

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG5843-LCS	WG5843-2	6UB1044	02/04/04	02/04/04
02	WG5843-LCSD	WG5843-3	6UB1045	02/04/04	02/04/04
03	SS108	WU0288-2DL	6UB1046	02/04/04	02/04/04
04	SS107	WU0288-1DL2	6UB1049	02/04/04	02/04/04
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS:

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: MEP 03102
PO No:
Sample Date:
Received Date:
Extraction Date: 02/04/04
Analysis Date: 02/04/04
Report Date: 02/05/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG5843-1
Client ID: WG5843-Blank
SDG: WG5843
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8082
Lab Prep Batch: WG5843
Units: ug/Kg

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	17	1.0	17	17
Aroclor-1221	U	17	1.0	17	17
Aroclor-1232	U	17	1.0	17	17
Aroclor-1242	U	17	1.0	17	17
Aroclor-1248	U	17	1.0	17	17
Aroclor-1254	U	17	1.0	17	17
Aroclor-1260	U	17	1.0	17	17
Tetrachloro-m-xylene		77%			
Decachlorobiphenyl		69%			

KAT DIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WU0288

PAGE: 1 OF 1

COOLER: 1 OF 1

CLIENT: Jacques Whitford

PROJECT: SS107/108

COC#
SDG#
DATE / TIME RECEIVED: 2-3-04 1640
DELIVERED BY: Client
RECEIVED BY: A Adams
LIMS ENTRY BY: AMS
LIMS REVIEW BY / PM: RC

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☑	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☑	☐	☐		
3 CHAIN OF CUSTODY SIGNED BY CLIENT?	☑	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☐	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☑	☐	☐	TEMP BLANK TEMP (°C)= 5.1	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT Y or N?	☐	☐	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☐	☐	☑		
8. TRIP BLANK PRESENT IN THIS COOLER	☐	☑	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☑	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☑	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☑	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☑	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

VIL_RESP04650

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client	Contact	Phone #	Fax #
Jacques Whitford Co.	D. Todd Coffin	(207) 761-7770	(207) 761-7631

Address: 75 Pearl St. Ste 410 City: Portland State: ME Zip Code: 04101

Purchase Order # Proj. Name / No. Katahdin Quote #

Bill (if different than above) Address

Sampler (Print / Sign): Ryan Crosbie / [signature] Copies To:

LAB USE ONLY WORK ORDER #: WU0288

KATAHDIN PROJECT NUMBER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	PCB (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	SS107	2/3/04/15:50	Soil	1	✓									
	SS108	2/3/04/16:00	Soil	1	✓									
	Temp Blank	2/3/04/16:10	W	1										

COMMENTS: Please fax or email results to tcoffin@jacquewhitford.com or rcrosbie " "

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	2/3/04 16:40	Amy Adams			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

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THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCE[illegible]

ORIGINAL

AS-COC1

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Feb. 04, 2004
03:43 PM

Login Number: WU0288

Account: JACQUE001
Jacques Whitford Company, Inc.

Project:

Primary Report Address:
Todd Coffin
Jacques Whitford Company, Inc.
75 Pearl Street, Suite 201

Portland,ME 04101

Primary Invoice Address:
Accounts Payable
Jacques Whitford Company, Inc.
27 Congress St.

Portsmouth,NH 03801

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	
CLIENT PO#	:	5780
COOLER TEMPERATURE	:	5.1
DELIVERY SERVICES	:	CLIENT
EDD FORMAT	:	
MAIL DATE	:	
PM	:	RCT
PROJECT NAME	:	MEP 03102
QC LEVEL	:	I
REGULATORY LIST	:	
REPORT INSTRUCTIONS	:	
SDG ID	:	
SDG STATUS	:	

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WU0288-1	SS107	03-FEB-04 15:50	03-FEB-04		**04-FEB-04**	16-FEB-04	

Matrix		*Product*	*Hold Date (shortest)*	*Bottle Type*	*Bottle Count*
Solid	S	SW8082	17-FEB-04	100g Glass	1
Solid	S	TS	04-MAR-04		

WU0288-2	SS108	03-FEB-04 16:00	03-FEB-04		**04-FEB-04**	16-FEB-04	

Matrix		*Product*	*Hold Date (shortest)*	*Bottle Type*	*Bottle Count*
Solid	S	SW8082	17-FEB-04	100g Glass	1
Solid	S	TS	04-MAR-04		

Total Samples: **2** ***Total Analyses:*** **4**

VIL_RESP04652

ADDENDUM
ORIGINAL CHAIN OF CUSTODY

Katahdin ANALYTICAL SERVICES
340 County Road No 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: Jacques Whitford Co.
Contact: D. Todd Coffin
Phone #: (207) 761-7790
Fax #: (207) 761-7631
Address: 75 Pearl St. Ste 410
City: Portland
State: ME
Zip Code: 04101
Purchase Order #:
Proj. Name / No.:
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): Ryan Crosbie
Copies To:

LAB USE ONLY
WORK ORDER #: WT8288
KATAHDIN PROJECT NUMBER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	PCB (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
SS107	2/3/04/15:50	Soil	1	✓									
SS108	2/3/04/16:00	Soil	1	✓									
Temp blank	2/3/04/16:10	W	1										

COMMENTS: Please fax or email results to tcoffin@jacqueswhitford.com or rcrosbie "

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	2/3/04 16:40	Amy Adams			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

VIL_RESP04654

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

JWC Phase I/II
13 Depot Street

VIL_RESP04655

PHASE I AND II
ENVIRONMENTAL SITE ASSESSMENTS
Former Depot Energy Company
13 Depot Street, Windham, Maine

Prepared for:

Ms. Renee Lewis
50 Monument Square, 2nd Floor
Portland, Maine 04101

Prepared by:

Jacques Whitford Company, Inc.
75 Pearl Street, Suite 410
Portland, Maine 04101
Tel: (207) 761-7790
Fax: (207) 761-7631
www.jacqueswhitford.com

Jacques Whitford Project No. MEP04127

June 17, 2004

VIL_RESP04656

(RL Windham PhI-II.doc-6/17/04)

Jacques Whitford Company, Inc.

Consulting Engineers
Environmental Scientists
Risk Consultants

75 Pearl Street, Suite 410, Portland, Maine, U.S.A. 04101
Tel 207 761 7790 Fax 207 761 7631

World Wide Web: www.jacqueswhitford.com
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Maine • New Hampshire • Massachusetts • Connecticut • Florida • Rhode Island • Pennsylvania • New York • Trinidad • Russia • Argentina • Brunei
Nova Scotia • New Brunswick • Prince Edward Island • Newfoundland & Labrador • Quebec • Ontario • Saskatchewan • Alberta • British Columbia • Northwest Territories

June 17, 2004

Ms. Renee J. Lewis
50 Monument Square, 2nd Floor
Portland, Maine 04101

RE: Report on Phase I and II Environmental Site Assessments at 13 Depot Street, Windham, Maine
Jacques Whitford Project No. mep04127

Dear Ms. Lewis:

Jacques Whitford Company, Inc. (Jacques Whitford) is pleased to provide this report on a Phase I and II Environmental Site Assessment for 13 Depot Street in Windham, Maine. Our work was conducted in accordance with our authorized proposals dated April 26 and May 12, 2004.

If you have in questions or require additional information, please contact the undersigned at (207) 761-7790. Thank you for the opportunity to assist with this investigation.

Sincerely,
Jacques Whitford Company, Inc.

David V. Chapman, C.G.
Project Geologist

D. Todd Coffin, C.G.
Project Manager

mep04127/rptcov 6 30 04

VIL_RESP04657

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VIL_RESP04659

EXECUTIVE SUMMARY

Jacques Whitford conducted Phase I and II Environmental Site Assessments (ESAs) at 13 Depot Street, Windham, Maine (the "Subject Site"). The Subject Site is located on the southern side of Depot Street adjacent to Maine Central Railroad tracks approximately 300 feet west of High Street.

The Subject Site is designated by the Windham Assessor's Office as Map 38, Lot 6 and is approximately 40,850 square feet. The site is currently zoned as Industrial (I). The Subject Site is improved with a one-and-a-half story, wood frame garage, a one-and-a-half story wood frame former railroad station, a one story wood-frame storage/residential building resting on concrete piers, two steel railroad box cars with wood floors, one 10,000-gallon railroad tank car, and an in-ground scale.

We observed a 55-gallon drum labeled oil and another labeled antifreeze, numerous unmarked closed 5-gallon containers, unlabelled open containers apparently containing petroleum, automotive gasoline tanks containing petroleum, and empty 55-gallon drums (one marked corrosive). We also observed numerous automobile transmissions, engines, automotive batteries, 25-30 junked automobiles, other automotive parts, and miscellaneous debris piles on the subject site. Residual petroleum was observed in the tank car.

According to the Portland Water District, the Subject Site has been serviced by municipal water since 1948. A sewerage lift station was observed at the site. According to a former owner, Merrill Lasky, the septic/lift station pumps effluent from the bathroom in the garage and the bathroom in the storage building to the municipal sewer in Depot Street.

One floor drain was observed in the garage. Staining and an open container of petroleum was observed near the drain. Mr. Lasky indicated that the drain discharged directly to the subsurface under the building. We observed a PVC outfall pipe discharging to a drainage ditch at the adjoining mill property near the Subject Site's southerly property line. Mr. Lasky believed this outfall pipe drained the subsurface area near the in-ground scale.

Jacques Whitford utilized the services of Environmental Data Resources, Inc. to perform a search of federal and state environmental databases for sites of potential environmental concern within applicable ASTM radii. The Subject Site was identified on the EDR, Inc. database as a UST and LUST site. No other sites likely to impact the Subject Site were identified. Likewise, no sites of environmental concern were identified during review of records from the Windham Fire Department, Windham Building Department, Windham Historical Society, Windham Assessor's Office, or Maine Historical Society.

Due to the age of buildings and subsequent renovations, suspect asbestos-containing materials (ACMs) and lead-based paint may exist in the on-site building. We also observed possible ACM insulation between the inner and outer steel layers of the railroad tank car at the site.

Jacques Whitford reviewed a previous consulting report for the site written in connection with the removal of a 500-gallon underground gasoline tank from the site in 1993. The report,

VIL_RESP04660

prepared by Acadia Environmental Technology (Acadia), identified gasoline-impacted soil apparently related to the UST. Acadia measured a level of 591 ppm with a photoionization device in black soil at 3-4 feet below ground surface and found a TPH level of 77 mg/Kg in the soil. Acadia noted no evidence of a leak directly from the tank or piping.

Based on the results of the Phase I ESA, Jacques Whitford conducted a Phase II ESA at the site. We oversaw the installation of test pits and collected soil samples for bag headspace screening with a PID and chemical testing. Most of the PID results were less than 200 ppm. Two samples from one testpit near the former UST grave tested greater than 1,000 ppm with the PID. No elevated PID readings were observed in surface soil or in floor drain sediment.

Jacques Whitford submitted three test pit soil samples and five surface soil or sediment samples to Spectrum Analytical of Agawam, Massachusetts for testing of volatile organic compounds, gasoline range organics, PCBs, and/or the 8 RCRA metals. Elevated levels of gasoline constituents were detected in a sample downgradient of the former gasoline UST (TP-4); however, concentrations did not exceed the Maine Department of Environmental Protection (MDEP) Table 4 Residential Soil Criteria. The only exceedences recorded were of arsenic, which at 12.8 and 15.6 mg/kg, exceeded the 10 mg/kg Table 4 residential standard.

Based on the information gathered and on observations made during this investigation, the Phase I and II ESAs have revealed evidence of recognized environmental conditions associated with the Subject Site. Jacques Whitford concludes the following:

1. Gasoline contaminated soil was encountered at the site in 1993 during removal of a gasoline UST; the removal was monitored by Acadia Environmental Technology. MDEP was notified of the findings and no further action was required. The recent investigation by Jacques Whitford identified gasoline-impacted soils down slope from the former tank. The concentration of residual gasoline in the soils exceeded the MDEP Baseline-2 standard.

2. A floor drain was observed in the garage building. According to a former owner, the drain discharges directly to the subsurface below the garage. The drain was located near an open container of petroleum and floor staining. No high PID readings or PCBs were detected in sediment in the floor drain. Nevertheless, petroleum products could have been discharged over time and released to the subsurface beneath the building. As a solid surface existed at the bottom of the drain and due to the surrounding concrete floor, collecting a subsurface soil sample in the vicinity of the drain was not performed during this phase of work.

3. While oil staining was apparent on the ground surface around stored parts and machinery on site, field observations during test pitting, PID screening and lab testing of soils suggests that the staining is relatively localized..

4. Of the 8 RCRA metals tested at two surficial soil sampling locations, only arsenic exceeded the MDEP's residential soil criteria. This arsenic may be naturally occurring.

5. Jacques Whitford observed suspect ACM and lead-based paint in building materials and in insulation between the walls of the 10,000-gallon aboveground storage tank (AST) at the site.

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Based on the evidence of recognized environmental conditions associated with the Subject Site, Jacques Whitford recommends the following:

1. Completion of an asbestos survey if proposed or future renovation or demolition activities will impact suspect ACMs at the Subject Site.

2. Completion of concrete coring and hand augering adjoining the garage floor drain. Collection of soil samples for PID screening and analytical testing for appropriate parameters, if elevated PID readings are detected.

3. Submission of this report and any follow-up testing to the MDEP Voluntary Response Action Program (VRAP) as a first step in obtaining a "No Action Assurance Letter."

4. With MDEP concurrence, removal of petroleum contaminated soil with PID readings that exceed the MDEP Baseline–2 standard. Soil removal should be preceded by investigation of the extent of impacted soils in the vicinity of the former UST (*e.g.*, geoprobes or additional test pits).

5. Preparation and submission of a clean-up report to MDEP to establish "closure" status for the site and associated impacted soils identified, as well as to support the VRAP process.

VIL_RESP04662

1.0 INTRODUCTION

Jacques Whitford Company, Inc. (Jacques Whitford) was contracted by Renee J. Lewis to complete Phase I and II Environmental Site Assessments (ESA) of the property located at 13 Depot Street, Windham, Maine, hereinafter referred to as the "Subject Site." A Site Location Map (Figure 1) and a Site Plan (Figure 2) showing the Subject Site location and depicting general site characteristics are presented in **Appendix 1** of this report. The Phase I ESA was prepared in general accordance with the American Society of Testing and Materials (ASTM) E 1527-00 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process). These Phase I and II ESAs were conducted in accordance with Jacques Whitford proposals dated April 26, 2004 and May 12, 2004. These proposals were authorized by Renee J. Lewis. The Phase I and II ESA objectives, scope, and limitations are presented in the following sections.

1.1 Objective

The objective of the site investigation was to identify actual or potential *recognized environmental conditions* associated with the Subject Site, which may exist as a result of current or historical activities conducted on the Subject Site or on adjoining properties. The term recognized environmental conditions, as outlined in ASTM 1527, means "The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

Additionally, the purpose of the environmental assessment was to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense to Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability.

1.2 Scope of Work

The Phase I ESA completed by Jacques Whitford consisted of the following:

- Municipal and State Records review;
- Interviews with regulatory officials, local officials, and personnel associated with the Subject Site and neighboring properties;
- A Subject Site visit; and,
- Evaluation of information and preparation of this report.

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The Phase II Scope of Work conducted by Jacques Whitford consisted of the following:

- Identification of testpit locations, evaluation of excavator access and obtaining Dig-Safe utility clearance;
- Conducting a one-day testpitting program that focussed on areas of concern identified by the Phase I ESA;
- Conducting Photoionization Detector (PID) screening for the presence of volatile organic compounds (VOCs) from each test pit;
- Submitting soil samples for chemical analysis to evaluate the presence of VOCs, metals, PCBs, and GRO from locations of stained soil on the Subject Site, soil from the floor drain located in the garage, and soil from test pits with elevated PID readings; and,
- Evaluation of information and preparation of this report.

Selected photographs taken by Jacques Whitford during the site reconnaissance are presented in **Appendix 2** of this report. Resource contact information and relevant Subject Site information are presented in **Appendix 3.** Educational and professional experience summaries for the Jacques Whitford personnel responsible for this assessment and report preparation are presented in **Appendix 4**. A copy of the federal and state environmental database search assembled by Environmental Data Resources, Inc. is attached as **Appendix 5.** Test pit exploration logs are contained in **Appendix 6,** and analytical laboratory reports are contained in **Appendix 7**.

1.3 Limiting Conditions

The Subject Site and readily visible and publicly accessible portions of adjoining properties were examined for the presence of actual or potential recognized environmental conditions. The only area inaccessible to Jacques Whitford was the roof of each building. Neighboring properties were viewed from publicly accessible areas.

Historical information sources researched in this assessment allowed uses of the property to be traced from the present back to 1922, when the Subject Site was apparently used as a residence and general store. Site use could not be determined back to a time when the site was undeveloped land, thereby constituting historical data failure per ASTM Standard E 1527-00.

1.4 Limitations of the Assessments

This Phase I and II ESAs were prepared in accordance with the Scope of Work described in Section 1.2. The work conducted by Jacques Whitford is limited to the services agreed to with Renee J. Lewis, and no other services beyond those explicitly stated should be inferred or implied.

Jacques Whitford's Phase I ESA is limited to visual observations of Subject Site conditions on the day inspected; review of readily available and relevant data; and statements made and information provided by the client, their agents, outside parties, and regulatory agencies. Jacques Whitford has exercised due and customary care in the conduct of its assessment, but in cases where it was not reasonably ascertainable, information provided by others was not independently verified.

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The Phase I ESA is a limited and non-exhaustive survey that is intended to evaluate whether readily available information indicates that the historic or current use of the Subject Site resulted in contamination by petroleum products or hazardous substances. As a result, without a comprehensive sampling and analysis program or implementation of services beyond the original scope of work, certain conditions, including but not limited to those summarized below, may not be revealed:

- Naturally occurring toxic substances or elements found in the subsurface soils, rocks, or water;
- Toxic substances commonly found in current habitable environments, such as stored household products, building materials, and consumables;
- Biological or infectious agents or pathogens;
- Contaminant plumes (liquid or gaseous) below the surface from a remote or unknown source;
- Contaminants or conditions that do not violate current regulatory standards, but may violate such standards in the future; and,
- Unknown, unreported, or not readily visible site contamination.

Some of the information presented in this report was provided through existing documents and interviews. Although attempts were made, whenever possible, to obtain a minimum of two confirmatory sources of information, Jacques Whitford in certain instances has been required to assume that the information provided is accurate.

The conclusions presented represent the best judgement of the assessor based on current environmental standards and on the site conditions observed on May 7, 2004. Due to the nature of the investigation and the limited data available, the assessor cannot warrant against undiscovered environmental liabilities.

Should any conditions at the site be encountered which differ from those observed, we request that we be notified immediately in order to assess the additional information and its effects on the above conclusions.

This report has been prepared for Renee J. Lewis, and it should be emphasized that conditions at the Subject Site can change over time. The use of this report by third parties shall be at their own risk.

2.0 ENVIRONMENTAL SETTING

Environmental characteristics including topography, geology, and hydrogeology were evaluated based on Subject Site observations, published literature and maps, and readily available public information.

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2.1 Topography

The surface topography of the Subject Site slopes slightly downward from the northeast to the southwest with a regional topography sloping gradually downward to the southwest. The Subject Site is located approximately 130 feet to 120 feet above mean sea level (msl).

2.2 Surface Water and Drainage

As depicted on Figure 1 and Figure 2, there were no naturally occurring surface water bodies on the Subject Site. A drainage ditch was observed near the southern and western borders of the Subject Site. The ditch apparently drains into a catch basin southwest of the site.

During the site reconnaissance a discharge pipe was observed in the wall of the drainage ditch near the southern border of the site. According to former Subject Site owner Merrill Lasky, the pipe drains the subsurface in the area of a scale near the west wall of the warehouse building.

According to a Flood Insurance Rate Map, Panel Number: 2301890025B, the Subject Site is not located within the 100-year or 500-year flood zones.

2.3 Wetlands

No obvious evidence of wetlands or wetland vegetation was observed on the Subject Site during the site reconnaissance.

2.4 Geology/Soils

According to the EDR report, bedrock geologic units in the area of the Subject Site consist of eugeosynclinal deposits of Devonian and Sulurian-age rocks. No outcrops were observed on the Subject Site. During test pitting, Jacques Whitford encountered suspect bedrock from approximately 2 feet to 8 feet below ground surface.

Based on a review of USDA Soil Conservation Service information provided by EDR, the soil types found in the area of the Subject Site include Scantic silt loam. Scantic soils exhibit poor drainage with very slow infiltration rates. Scantic soil (Presumpscot Formation clayey silt) was observed during Phase II testpitting at the site (see Section 4.2.1).

During test pitting, groundwater was not observed with the exception of three pits where minimal groundwater seepage was encountered. This groundwater appeared to be in a perched condition.

2.5 Groundwater

Based on the United States Geological Survey (USGS) Topographic Map for Portland West, Maine (1994, 1:24,000), shallow groundwater is interpreted to flow southwest toward the Presumscot River. The groundwater table was not encountered in the test pits excavated at the site.

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3.0 PHASE I ESA

3.1 Site Investigation

Information concerning the Subject Site was obtained during the site reconnaissance conducted by Mr. David Chapman and Mr. Aaron Martin of Jacques Whitford on April 29, 2004, during interviews with representatives familiar with the Subject Site, and through review of the documents referenced in this report. Selected photographs of the Subject Site and building taken during Jacques Whitford's site visit are provided in **Appendix 2.**

3.1.1 Site Description and Use

The Subject Site is designated by the Town of Windham Building Department as Map 38, Lot 6 and is approximately 40,850 square feet. The ground surface is improved with an approximate 375 square-foot concrete parking area and an approximate 1,500 square-foot bituminous concrete (asphalt) parking area located adjacent to the former railroad station (refer to Figure 2). The remainder of the parking area has a gravel and sand surface.

As shown of Figure 2, the Subject Site contains three buildings; a former railroad station, a garage, and a warehouse. The Subject Site also contains a 10,000-gallon railroad car used as an aboveground storage tank (AST), two railroad box cars and an in-ground scale. One unused aboveground hydraulic hoist was located next to the northern boxcar.

The site perimeter is bordered by an earthen embankment with trees and shrubs leading down to a drainage ditch that flows adjacent to the southern and western boundaries of the property. The entire embankment is littered with wood, concrete, automotive, and miscellaneous debris piles. Twenty-five to thirty abandoned automobiles were observed in the parking lot of the Subject Site.

A summary of building information is presented in Table 1 below.

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Table 1 – Summary of Lot and Building Information	
Property	
Area	Approximately 40,850 square feet
Buildings	
Area (square feet)	Garage: approximately 1,400; warehouse: 3,240; former railroad station: 994
Services: Sewer, Water, Electricity, Natural gas, Telephone	According to Merrill Lasky, a former owner, sewerage services are provided by the Portland Water District. Water services are provided by the Portland Water District. Electricity is provided by Central Maine Power.
Floor Drains	One floor drain was observed in the garage building.
Lighting	Fluorescent and incandescent.
Number of Stories	Garage: 2 stories; warehouse: 1 story; former train station: 1.5 stories.
Foundation	Garage and former train station: concrete slab; warehouse: concrete piers;
Basement	None. The warehouse has an enclosed crawl space under the northern portion of the building and an open storage space under the southern portion of the building.
Roof	Wood frame with shingles or metal covering.
HVAC	The warehouse building is heated with an oil-fired forced-hot-water boiler. The garage building is heated with an oil furnace and with hot water from the warehouse heating system. The former railroad station is not heated

The 1,320 square-foot garage is constructed on a concrete slab with no basement in the southeast corner of the Subject Site. The building is in poor condition and contains one known floor drain. Building improvements include electricity, hot-water plumbing connected via the warehouse oil furnace, a bathroom, an oil furnace connected to a 275-gallon AST with fill and vent pipes, an overhead hot water heater, and fluorescent lighting (with ballasts that may contain PCBs). The second floor is currently being used as storage for miscellaneous materials.

The second building at the site, a 994 square-foot former railroad station, sits on a concrete slab with no basement. The building is in poor condition. Insulation between the building walls consists of coal or charcoal. Building improvements include electricity and fluorescent lighting that may contain PCBs. The building currently is used as storage for automobile transmissions and other automobile engine parts along with miscellaneous items such as compressed gas cylinders.

The 3,420 square-foot warehouse and residence was constructed on concrete piers in 1960 along the eastern edge of the Subject Site. The building is in good condition. The building is partitioned into an apartment in the northwestern half of the building and mini-storage throughout the remainder of the building. Building features include plumbing, an oil-furnace

connected to a 275-gallon AST in the locked storage room under the building, electricity, and fluorescent lighting (with ballasts that may contain PCBs). The warehouse is currently used as an apartment and for storage of automotive parts and miscellaneous items.

The two steel-walled, wooden-floor, railroad boxcars are each 410 square-feet in size (refer to Figure 2). They are in poor condition and were moved to their current location in 1984 on the western side of the Subject Site. They are aligned parallel to each other and their longer sides face north and south, separated from each other by about twenty feet. They are currently being used as storage for automotive engines, transmissions, and other miscellaneous materials.

The 10,000-gallon steel AST was installed in 1983 between the former depot station and the southern railroad boxcar on the western edge of the Subject Site (Figure 2). It is constructed on a steel frame with a concrete foundation, and it is used to store #2 fuel oil. The AST is surrounded on all sides by an earthen berm. There was no indication of prior spills or leaks and the tank appeared to be in good condition.

The 240 square-foot concrete scale is located adjacent to the warehouse on the western side and apparently is drained via a discharge pipe that discharges into the drainage ditch at the southeastern border of the Subject Site.

3.1.2 Pits, Ponds, Lagoons

No pits, ponds, or lagoons were observed on the Subject Site during the site reconnaissance.

3.1.3 Water Wells

No on-site water supply wells or groundwater monitoring wells were observed during Jacques Whitford's inspection of the Subject Site. Potable water has been supplied to the subject site by the Portland Water District since 1948. Three water wells are located on private properties less than 1,000 feet from the Subject Site. The Boulanger water well is located 575 feet north of the Subject Site; the Georgatos water well is located 450 feet northeast of the Subject Site; and the Reed water well is located 600 feet east of the Subject Site. These wells are situated at an elevation between 10 and 20 feet higher than the Subject Site. Public water is available to all three properties.

3.1.4 Above and Underground Storage Tanks

Jacques Whitford observed one 10,000-gallon AST and two 275-gallon ASTs (refer to Figure 2). Residual oil was observed in the 10,000-gallon AST. The two 275-gallon tanks are currently in use. EDR indicated that one 550-gallon UST was removed near the northwest outside corner of the garage (southeast portion of site).

Jacques Whitford reviewed records maintained by the Town of Windham Building Department. The file contained information indicating that the 550-gallon UST was used for storage of gasoline, and the 10,000-gallon AST was used for storage of #2 fuel oil. The records noted the tanks were

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installed in 1983. The 550-gallon UST was subsequently removed from the site in 1993 (refer to Section 3.5).

3.1.5 Material Storage

Drums and Containers

Jacques Whitford observed a 55-gallon drum labeled oil, a 55-gallon drum labeled corrosive, and another labeled antifreeze. These drums appeared to be in good condition and they were stored on the concrete parking lot. There was no apparent staining or leakage originating from the drums.

We observed numerous unmarked closed 5-gallon containers, unlabelled open containers apparently containing petroleum, automotive gasoline tanks containing petroleum, and empty 55-gallon drums both outside on the property and inside all three buildings and box cars.

We observed three 55-gallon drums on the property to the east across the railroad tracks. The drums were observed on the soil, laying on their sides. Refer to photograph 14 of Appendix 2 for a picture of the 55-gallon drums on the adjoining property to the east.

Waste and Scrap Material

Jacques Whitford observed numerous automobile transmissions, engines, automotive batteries, other automotive parts, and miscellaneous debris piles inside all three buildings, inside the boxcars, and stored on the soil at the Subject Site. Apparent oil staining was observed on the concrete floors, boxcar floors, and on soil in the majority of areas where these parts were stored. The automotive batteries were observed on the concrete floor in the garage. The batteries appeared to be in good condition and no staining or leakage was observed around the batteries.

3.1.6 Spill and Stain Areas

Several petroleum stains were observed on the floors in all three buildings, on the wooden floors inside both boxcars, and on the soil surface at various locations on the Subject Property. The surface soil and floor staining around automotive components and containers is likely a result of repair activities in the garage and storage of automotive parts in the buildings, box cars, and on the Subject Property. Refer to photographs 10, 11, and 12 of Appendix 2 for pictures of staining surrounding automotive components.

3.1.7 Wastewater Discharges

One six-inch diameter, circular, floor drain was observed in the garage. Staining was noted on the concrete floor near the drain. No obvious chemical odors were noted in the drain. In a telephone interview on May 7, 2004, Mr. Lasky indicated that the drain discharged directly to the subsurface under the building. For a picture of the floor drain refer to Photograph 13 of Appendix 2. A surface soil sample was collected from sediment in the floor drain and a

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headspace PID reading was conducted during the Phase II investigation as discussed in Section 4.

Mr. Lasky said that the sewage from the storage building and garage discharged to a septic/lift station, which conveyed the sewerage to the municipal sewage system. Mr. Kittrell, property owner, when interviewed on April 29, 2004, said he knew of no leachfields at the site.

We observed a PVC outfall pipe discharging to the drainage ditch at the adjoining mill property near the Subject Site's southerly property line. Mr. Lasky believed this outfall pipe drained the subsurface area near the in-ground scale west of the warehouse.

3.1.8 Polychlorinated Biphenyls (PCBs)

One pole-mounted transformer, which may contain PCBs, was observed near the northeast corner of the Subject Site. No evidence of leaks or staining was observed. The former railroad station, warehouse, and garage all contain fluorescent lighting, and due to the age of the buildings, PCBs may be present within the fluorescent lighting components. Two aboveground hydraulic lifts were observed in the garage. No evidence of leaks or staining was observed immediately beneath the hydraulic lifts. One hydraulic lift was observed near the northwest boxcar. Evidence of leaks or staining was observed on the soil around the hydraulic lift. A surface soil sample was collected near the hydraulic lift to determine the presence of PCBs (see Section 4.0). For a picture of the hydraulic lift near the boxcar, refer to Photograph 5 of Appendix 2.

3.1.9 Asbestos-Containing Materials (ACM)

Neither an exhaustive asbestos survey nor testing for ACMs was performed as part of this assessment. Based on the age of the Subject Site buildings (prior to 1980) certain building materials may contain ACMs. Suspect ACMs included floor tile, mastic and wallboard. Potential ACM was also observed between the inner and outer walls of the 10,000-gallon AST (railroad car).

3.1.10 Lead Paint

Based on the age of the Subject Site buildings (prior to 1978), lead-based paint may be present. Painted surfaces appeared to be in good to poor condition.

3.1.11 Hydraulic Lifts and/or Elevators

No evidence of subsurface hydraulic lifts or elevators was observed on the property during the site reconnaissance. Two aboveground hydraulic lifts were observed inside the garage. One was observed outside near one of the boxcars. For a picture of the hydraulic lift near the boxcar, refer to Photograph 5 of Appendix 2. Staining was noted on the soil near the outside lift.

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3.2 Surrounding Land Use

Readily visible and publicly accessible portions of adjoining properties were examined for the presence of actual or potential recognized environmental conditions. A summary of the surrounding property use is presented below.

Table 2 – Adjoining Properties – Land Use

Boundary Side of Subject Site	Current Activity	Potential Sources of Contamination
North (across Depot Street)	Storage, office, and manufacturing space in the former L.C. Andrews Lumber Mill Facility	None observed
South and West (adjoining)	Former Keddy Mill Complex	Potential environmental impacts associated with former mill operations.
East (across railroad tracks)	Residential	None observed

To the north of the Subject Site is Depot Street. The adjoining property to the north, former L.C. Andrews lumber mill, currently houses a number of operations including: Windham and Gorham Self Storage; New England Antigenetics, a supplier of allergenic source material; and house construction companies. No apparent environmental concerns were observed from this adjoining property during the historical review.

Adjoining the Subject Site to the south and west is the former Keddy Mill Complex, an industrial site with potential environmental impacts from former mill operations. S.W. Cole investigated and remediated a #6 fuel oil spill at the former Keddy Mill Complex. The spill was located to the west of the Subject Site. Jacques Whitford has conducted supplemental environmental investigations at the former Keddy Mill, and a report of our findings has been prepared under separate cover. Impacts at the former mill identified to date, which include the release of PCBs, are not likely to have impacted the Subject Site.

A single-family residence is located to the east of the Subject Site across the Maine Central Railroad tracks. No apparent environmental concerns were observed from this adjoining property during the historical review.

3.3 Historical Information

3.3.1 Historical Land Use for the Subject Site

Historical information describing the Subject Site was obtained from a variety of sources as detailed in **Appendix 3** and **Appendix 5** of this report.

A list of historical land uses for the Subject Site is provided in Table 3.

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