KALISPELL, MONTANA

NORMALS, MEANS, AND EXTREMES

LATITUDE: 48 Deg. 18 Min. N LONGITUDE: 114 Deg. 16 Min. W ELEVATION: FT. GRND 2965 BARO 2978 TIME ZONE: MOUNTAIN WBAN: 24146

	(a)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
TEMPERATURE (Deg. F)											
Normals											
-Daily Maximum		28.2	35.0	43.4	55.2	64.2	71.4	80.1	79.4	67.7	54.4
-Daily Minimum		12.7	18.1	23.9	31.1	38.4	44.1	47.1	46.3	38.6	29.4
-Monthly		20.5	26.6	33.7	43.2	51.3	57.8	63.6	62.9	53.2	41.9
Extremes											
-Record Highest	45	53	57	72	84	94	96	104	105	99	86
-Year		1953	1988	1986	1977	1986	1955	1960	1961	1967	1992
-Record Lowest	45	-38	-36	-29	10	19	28	31	31	16	-3
-Year		1950	1950	1960	1951	1954	1973	1971	1993	1970	1984
NORMAL DEGREE DAYS											
Heating (base 65 Deg. F)		1380	1075	970	654	425	235	97	128	367	716
Cooling (base 65 Deg. F)		0	0	0	0	0	19	54	63	13	0
% OF POSSIBLE SUNSHINE											
MEAN SKY COVER(tenths)											
Sunrise - Sunset	45	8.8	8.2	7.8	7.5	6.9	6.5	4.3	4.8	5.5	6.9
MEAN NUMBER OF DAYS:											
Sunrise to Sunset											
-Clear	45	1.9	2.4	3.5	4.0	5.2	6.4	14.2	12.5	10.3	6.3
-Partly Cloudy	45	3.6	4.6	6.2	6.5	9.0	9.8	9.4	9.4	7.7	7.0
-Cloudy	45	25.5	21.3	21.3	19.6	16.8	13.8	7.4	9.1	12.0	17.7
Precipitation											
.01 inches or more	45	15.2	11.5	11.3	9.7	11.4	11.9	7.1	7.8	8.0	9.0
Snow, Ice Pellets, Hail											
1.0 inches or more	45	5.9	3.8	2.0	0.8	0.2	0.0	0.0	0.0	0.*	0.5
Thunderstorms	44	0.0	0.*	0.3	0.9	2.9	5.3	5.2	5.1	1.9	0.4
Heavy Fog Visibility											
1/4 mile or less	34	4.8	4.8	2.4	0.7	1.0	0.9	0.8	0.9	2.1	4.5
Temperature Deg. F											
-Maximum											
90 Deg. F and above	35	0.0	0.0	0.0	0.0	0.2	1.0	6.1	6.2	0.4	0.0
32 Deg. F and below	35	17.1	8.8	3.0	0.*	0.0	0.0	0.0	0.0	0.0	0.4
-Minimum											
32 Deg. F and below	35	29.2	25.9	27.3	18.1	5.7	0.6	0.1	0.3	5.7	21.2
0 Deg. F and below	35	6.5	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1
AV. STATION PRES. (mb)	22	913.4	912.2	901.7	910.4	910.0	910.6	912.0	911.9	912.9	913.3
RELATIVE HUMIDITY (%)											
Hour 04	30	81	82	80	78	80	84	83	81	83	85
Hour 10 (Local Time)	35	79	76	64	51	51	52	46	46	54	65
Hour 16	30	75	67	54	43	43	45	36	35	42	53

Hour 22	29	80	80	76	69	71	73	70	69	76	80
PRECIPITATION (in.)											
Water Equivalent											
-Normal		1.53	1.10	1.02	1.10	1.87	2.21	1.12	1.40	1.26	0.87
-Maximum Monthly	45	3.11	1.99	2.96	2.37	4.75	4.72	6.02	3.78	3.97	2.96
-Year		1970	1981	1987	1978	1990	1966	1993	1976	1985	1951
-Minimum Monthly	45	0.20	0.42	0.08	0.26	0.43	0.43	0.02	T	0.01	0.04
-Year		1985	1967	1994	1968	1950	1977	1953	1955	1990	1953
-Maximum in 24 hrs	45	1.09	0.65	0.82	1.74	1.49	2.71	2.09	1.76	1.25	0.94
-Year		1982	1961	1987	1951	1980	1982	1987	1976	1959	1994
Snow, Ice Pellets, Hail											
-Maximum Monthly	45	34.8	21.2	18.9	8.1	8.9	0.3	T	T	3.1	11.1
-Year		1970	1975	1987	1961	1964	1962	1992	1992	1968	1984
-Maximum in 24 hrs	45	11.8	8.0	7.7	10.0	7.5	0.3	T	T	3.0	6.2
-Year		1982	1990	1987	1951	1964	1962	1992	1992	1968	1951
WIND											
Mean Speed (mph)	32	5.8	6.0	7.0	8.0	7.6	7.2	6.6	6.5	6.2	5.2
Prevailing Direction											
through 1964											
Fastest Mile											
-Direction(!!)	28	04	01	03	25	23	03	31	15	22	32
-Speed(mph)		52	40	41	37	40	38	38	43	36	38
-Year		1982	1965	1990	1989	1965	1982	1985	1990	1994	1971
Peak Gust											
-Direction(!!)	11	NE	SW	NE	W	SW	SW	NW	SE	22	SW
-Speed(mph)	11	62	49	52	49	52	55	45	69	53	54
-Date		1989	1990	1990	1989	1986	1988	1985	1990	1994	1991

(a) - Length of Record in Years, although individual months may be missing.
0.* or * - The value is between 0.0 and 0.05.
Normals - Based on the 1961 - 1990 record period.
Extremes - Dates are the most recent occurrence.
Wind Dir.- Numerals show tens of degrees clockwise from true north. "00" indicates calm.
Resultant Directions are given to whole degrees.

KALISPELL, MONTANA

Period of Record General Climate Summary - Temperature

Station:(244563) KALISPELL													
From Year=1948 To Year=2005													
	Monthly Averages			Daily Extremes				Monthly Extremes				Max. Temp.	
	Max.	Min.	Mean	High	Date	Low	Date	Highest Mean	Year	Lowest Mean	Year	>= 90 F	<= 32
	F	F	F	F	dd/yyyy or yyyymmdd	F	dd/yyyy or yyyymmdd	F	-	F	-	# Days	# Day
January	29.1	14.4	21.8	56	30/1971	-28	31/1950	34.7	53	4.0	***	0.0	16
February	37.3	20.8	29.1	59	28/1967	-23	01/1950	36.4	61	19.9	***	0.0	6
March	44.2	23.8	34.0	71	30/1966	-20	03/1960	41.2	68	25.0	***	0.0	3
April	56.1	32.3	44.2	88	24/1977	9	19/1951	49.5	80	39.2	***	0.0	0
May	66.3	40.0	53.2	89	05/1966	17	01/1954	60.4	58	48.5	***	0.0	0
June	74.1	46.3	60.2	98	22/1955	30	13/1969	65.8	61	55.4	53	1.2	0
July	81.9	50.2	66.1	101	10/1973	35	03/1955	70.7	60	61.9	48	4.8	0
August	80.7	49.3	65.0	102	24/1969	33	30/1959	71.2	71	59.5	64	4.6	0
September	69.6	41.3	55.4	98	01/1967	22	15/1970	63.1	67	47.5	65	0.4	0
October	55.6	33.0	44.3	80	02/1952	6	29/1971	49.0	65	40.8	49	0.0	0
November	40.6	25.6	33.1	64	04/1952	-24	16/1959	38.8	54	23.3	55	0.0	4
December	32.2	19.3	26.0	57	04/1965	-33	30/1968	32.3	62	16.7	51	0.0	14
Annual	55.6	33.0	44.4	102	19690824	-33	19681230	46.8	67	41.5	50	11.1	45
Winter	32.9	18.2	25.6	59	19670228	-33	19681230	31.8	67	15.3	49	0.0	37
Spring	55.5	32.0	43.8	89	19660505	-20	19600303	46.6	80	40.4	75	0.0	3
Summer	78.9	48.6	63.8	102	19690824	30	19690613	67.9	61	61.4	64	10.7	0
Fall	55.3	33.3	44.3	98	19670901	-24	19591116	47.9	67	39.4	61	0.4	5

Table updated on Jul 22, 2005
For monthly and annual means, thresholds, and sums:
Months with 5 or more missing days are not considered
Years with 1 or more missing months are not considered
Seasons are climatological not calendar seasons
Winter = Dec., Jan., and Feb. Spring = Mar., Apr., and May
Summer = Jun., Jul., and Aug. Fall = Sep., Oct., and Nov.

Western Regional Climate Center, mailto:wrcc@dri.edu

KALISPELL, MONTANA

Period of Record General Climate Summary - Temperature

Station:(244563) KALISPELL													
From Year=1948 To Year=2005													
	Monthly Averages			Daily Extremes				Monthly Extremes				Max. Temp.	
	Max.	Min.	Mean	High	Date	Low	Date	Highest Mean	Year	Lowest Mean	Year	>= 90 F	<= 32
	F	F	F	F	dd/yyyy or yyyymmdd	F	dd/yyyy or yyyymmdd	F	-	F	-	# Days	# Day
January	29.1	14.4	21.8	56	30/1971	-28	31/1950	34.7	53	4.0	***	0.0	16
February	37.3	20.8	29.1	59	28/1967	-23	01/1950	36.4	61	19.9	***	0.0	6
March	44.2	23.8	34.0	71	30/1966	-20	03/1960	41.2	68	25.0	***	0.0	3
April	56.1	32.3	44.2	88	24/1977	9	19/1951	49.5	80	39.2	***	0.0	0
May	66.3	40.0	53.2	89	05/1966	17	01/1954	60.4	58	48.5	***	0.0	0
June	74.1	46.3	60.2	98	22/1955	30	13/1969	65.8	61	55.4	53	1.2	0
July	81.9	50.2	66.1	101	10/1973	35	03/1955	70.7	60	61.9	48	4.8	0
August	80.7	49.3	65.0	102	24/1969	33	30/1959	71.2	71	59.5	64	4.6	0
September	69.6	41.3	55.4	98	01/1967	22	15/1970	63.1	67	47.5	65	0.4	0
October	55.6	33.0	44.3	80	02/1952	6	29/1971	49.0	65	40.8	49	0.0	0
November	40.6	25.6	33.1	64	04/1952	-24	16/1959	38.8	54	23.3	55	0.0	4
December	32.2	19.3	26.0	57	04/1965	-33	30/1968	32.3	62	16.7	51	0.0	14
Annual	55.6	33.0	44.4	102	19690824	-33	19681230	46.8	67	41.5	50	11.1	45
Winter	32.9	18.2	25.6	59	19670228	-33	19681230	31.8	67	15.3	49	0.0	37
Spring	55.5	32.0	43.8	89	19660505	-20	19600303	46.6	80	40.4	75	0.0	3
Summer	78.9	48.6	63.8	102	19690824	30	19690613	67.9	61	61.4	64	10.7	0
Fall	55.3	33.3	44.3	98	19670901	-24	19591116	47.9	67	39.4	61	0.4	5

Table updated on Jul 22, 2005
For monthly and annual means, thresholds, and sums:
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Winter = Dec., Jan., and Feb. Spring = Mar., Apr., and May
Summer = Jun., Jul., and Aug. Fall = Sep., Oct., and Nov.

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TABLE B-1 GWIC WELLS LOCATED WITHIN ONE HALF MILE OF SITE BOUNDARY

ID	GWIC Number	Identification	Township	Range	Section	Tract	Borehole or Well ?	Total Depth (feet)	Well Yield (gpm)	Driller	Well Completion Date	Water Quality Data Available?
1	201208	MCELROY AND WILKEN	28N	21W	8	ABCA	WELL	20.5	0	LIBERTY	May 7, 2002	No
2	125915	MOKKO MONTANA	28N	21W	5	CDC	WELL	45.0	40	ERICKSON	October 17, 1990	No
3	128874	HAHN HAROLD	28N	21W	8	-	WELL	24.5	28	MCCLARTY	June 28, 1989	No
4	129881	ENVIRONMENTAL SITE ASSESSMENT * EH-1	28N	21W	8	A	WELL	12.5	0	OKEEFE-DEBOLT	January 15, 1992	No
5	129883	EVERGREEN * EH-2	28N	21W	8	A	WELL	19.5	0	BROWN	January 15, 1992	No
6	129884	EVERGREEN * EH3	28N	21W	8	A	WELL	17.5	0	BROWN	January 15, 1992	No
7	134259	BARE MIKE	28N	21W	5	C	WELL	38.0	25	BILLMAYER	March 4, 1993	No
8	137813	SETTLE STEVE	28N	21W	5	CA	WELL	40.0	50	STINGER	September 21, 1993	No
9	139547	HAYEN STEWART	28N	21W	5	CCC	WELL	28.0	30	MONTANA	December 18, 1993	No
10	139548	VEILLEUX RAYMOND	28N	21W	8	-	WELL	28.0	0	MONTANA	September 2, 1993	No
11	140433	MCELROY AND WILKEN SAND & GRAVEL #1	28N	21W	8	BBDA	WELL	0.0	0	UNKNOWN	August 11, 1983	No
12	140435	OWNER UNKNOWN	28N	21W	9	CBBB	WELL	8.0	0	UNKNOWN	August 31, 1983	No
13	140912	MT DEPT OF HWYS * KALISPELL HOLE #1	28N	21W	8	BAD	BOREHOLE	28.5	0	PICKETT	January 5, 1994	No
14	140913	MT DEPT OF HWYS * KALISPELL HOLE #2	28N	21W	8	BAD	BOREHOLE	28.0	0	PICKETT	January 5, 1994	No
15	140914	MT DEPT OF HWYS * KALISPELL HOLE #5	28N	21W	8	BAD	BOREHOLE	28.0	0	PICKETT	January 4, 1994	No
16	140915	MT DEPT OF HWYS * KALISPELL HOLE #6	28N	21W	8	BAD	BOREHOLE	26.0	0	PICKETT	January 4, 1994	No
17	141613	MCDOUGALL DOUG & BARTEL FRANZ	28N	21W	5	CC	WELL	40.0	25	STINGER	December 6, 1993	No
18	141614	PILATTI JUDITH I	28N	21W	5	CBB	WELL	105.0	30	CHAMBERS	October 22, 1993	No
19	141615	MCCLAIN DARRELL & JEAN	28N	21W	8	DB	WELL	322.0	90	LIBERTY	November 19, 1993	No
20	142392	EXXON COMPANY USA	28N	21W	8	ABD	WELL	53.0	0	SPRATT & ASSOCIATES	December 30, 1992	No
21	142393	EXXON COMPANY USA * MW-2	28N	21W	8	ABD	WELL	30.0	0	SPRATT & ASSOCIATES	November 10, 1992	No
22	142394	EXXON COMPANY USA * MW-1	28N	21W	8	ABD	WELL	30.0	0	SPRATT & ASSOCIATES	November 10, 1992	No
23	148788	BARTHEL FRANZ	28N	21W	5	CDA	WELL	60.0	30	SUDAN	January 13, 1995	No
24	156636	MCELROY & WILKEN	28N	21W	8	AB	WELL	260.0	50	MONTANA	January 5, 1996	No
25	158698	MARTIN TERRY A	28N	21W	5	DDD	WELL	26.0	60	ERICKSON	September 3, 1996	No
26	164002	MDOT * NEW KALISPELL BUILDING * CL 4-1-97	28N	21W	8	-	BOREHOLE	21.5	0	MAYBERRY	February 11, 1997	No
27	164006	NEW KALISPELL BUILDING * CL 4-3-97	28N	21W	8	-	WELL	21.5	0	MAYBERRY	February 11, 1997	No
28	164008	MDOT * NEW KALISPELL BUILDING * CL 4-4-97	28N	21W	8	-	BOREHOLE	21.5	0	MAYBERRY	February 12, 1997	No
29	164009	MDOT * NEW KALISPELL BUILDING * CL 4-6-97	28N	21W	8	-	BOREHOLE	21.5	0	MAYBERRY	February 12, 1997	No
30	164011	MDOT * NEW KALISPELL BUILDING * CL 4-7-97	28N	21W	8	-	BOREHOLE	21.5	0	MAYBERRY	February 12, 1997	No
31	167674	PRIME COMMERCIAL PARTNERS	28N	21W	8	BDC	WELL	31.0	0	MONTANA	March 3, 1998	No
32	173086	KALISPELL PUBLIC WORKS - NOFFSINGER SPRING	28N	21W	6	DACC	SPRING	17.0	9000	-	December 1, 1913	No
33	702833	LEE HANSON	28N	21W	5	CB	WELL	87.0	0	-		No
34	702834	EVERGREEN WA DT	28N	21W	5	DD	WELL	105.0	700	-	January 1, 1965	No
35	702838	MIKE GREER	28N	21W	8	AA	WELL	9.0	0	-		No
36	82009	LAPP WAYNE	28N	21W	4	CCAC	WELL	21.0	1	UNKNOWN	January 1, 1953	No
37	82015	HELSETH ERNEST #1	28N	21W	4	CC	WELL	20.0	0	UNKNOWN	January 1, 1915	No
38	82016	HELSETH ERNEST #2	28N	21W	4	CC	WELL	40.0	0	UNKNOWN	January 1, 1951	No
39	82017	SEVIER THOMAS JR.	28N	21W	4	CC	WELL	29.0	15	MCCLARTY	December 18, 1973	No
40	82018	MCGARVEY ARTHUR	28N	21W	4	CC	WELL	0.0	0	UNKNOWN		No
41	82019	MCGRAVEY ARTHUR	28N	21W	4	CC	WELL	26.0	0	UNKNOWN	January 1, 1936	No
42	82020	MCCASLIN ROBERT	28N	21W	4	CC	WELL	26.0	40	MCCLARTY	May 16, 1989	No
43	82021	DESHAZER ANN	28N	21W	4	CC	WELL	23.0	25	MCCLARTY	October 2, 1989	No
44	82022	CUNNINGHAM ART	28N	21W	4	CCC	WELL	26.0	20	MCCLARTY	November 15, 1978	No
45	82023	PIERCE ALICE #1	28N	21W	4	CCC	WELL	15.0	20	UNKNOWN	January 1, 1952	No
46	82024	PIERCE ALICE #2	28N	21W	4	CCC	WELL	23.0	30	UNKNOWN	July 1, 1956	No
47	82038	BORGEN FRED	28N	21W	5	-	WELL	137.0	30	CHAMBERS	August 26, 1978	No
48	82039	GRILLEY WESLEY	28N	21W	5	-	WELL	83.0	25	HENDRICKSON	March 8, 1975	No
49	82040	LINNING PAUL & BEVERLY	28N	21W	5	-	WELL	280.0	25	DEYOUNG	September 10, 1973	No
50	82042	OLSON R/PEPE T	28N	21W	5	-	WELL	28.0	8	UNKNOWN	August 1, 1952	No
51	82043	OLSON R/PEPE T	28N	21W	5	-	WELL	28.0	8	UNKNOWN	August 1, 1952	No
52	82044	ASKELSON ED	28N	21W	5	-	WELL	198.0	12	DEYOUNG	August 5, 1968	No
53	82045	STAFFORD ROBERT	28N	21W	5	-	WELL	0.0	50	UNKNOWN	January 1, 1952	No
54	82046	JERNBERG CARL B.	28N	21W	5	-	WELL	15.0	500	UNKNOWN	January 1, 1920	No
55	82049	ASKELSON ED	28N	21W	5	BC	WELL	309.0	200	BILLMAYER	June 24, 1976	No
56	82050	HILLCREST ESTATES HOMEOWNERS ASSO.	28N	21W	5	BC	WELL	165.0	200	BILLMAYER	April 1, 1974	No
57	82051	KAL-MONT LUMBER	28N	21W	5	CA	WELL	97.0	600	BILLMAYER	November 16, 1978	No
58	82052	HANSONS TRAILER COURT	28N	21W	5	CBBB	WELL	124.0	15	OLSEN & JUSTIN	February 27, 1963	No

TABLE B-1 GWIC WELLS LOCATED WITHIN ONE HALF MILE OF SITE BOUNDARY

ID	GWIC Number	Identification	Township	Range	Section	Tract	Borehole or Well ?	Total Depth (feet)	Well Yield (gpm)	Driller	Well Completion Date	Water Quality Data Available?
59	82053	HODGSON PAUL	28N	21W	5	CB	WELL	0.0	5	UNKNOWN	January 1, 1948	No
60	82055	MARTY'S EXCAVATION	28N	21W	5	CBC	WELL	100.0	40	STINGER	August 4, 1986	No
61	82056	KROGSTEAD ARCHIE	28N	21W	5	CC	WELL	68.0	25	MCCLARTY	April 21, 1977	No
62	82057	HANSON HENRY	28N	21W	5	CC	WELL	74.0	40	PORTER	October 16, 1977	No
63	82058	MOKKO MONTANA	28N	21W	5	CC	WELL	34.0	90	ERICKSON	April 14, 1988	No
64	82059	MOKKO MONTANA	28N	21W	5	CC	WELL	47.0	20	ERICKSON	August 28, 1988	No
65	82060	SORENSON GILE & D	28N	21W	5	CCA	WELL	43.5	30	BILLMAYER	March 1, 1988	No
66	82061	HOUG T. WILLIAM	28N	21W	5	CCB	WELL	48.0	25	MCCLARTY	March 16, 1967	No
67	82062	HISELER CLYDE	28N	21W	5	CCB	WELL	226.0	15	MCCLARTY	August 25, 1977	No
68	82063	HUGGINS BERT	28N	21W	5	CCD	WELL	20.0	450	UNKNOWN	January 1, 1943	No
69	82064	HARDY LOUISE B.	28N	21W	5	CD	WELL	16.0	7	UNKNOWN	May 5, 1951	No
70	82066	FLATHEAD COUNTY WATER DISTRICT 1 - EVERGREEN	28N	21W	5	DDC	WELL	85.0	2000	OLSEN & JUSTIN	August 30, 1967	No
71	82067	STECHER FRED	28N	21W	5	D	WELL	103.0	300	UNKNOWN	July 30, 1950	No
72	82068	PEPE RALPH	28N	21W	5	DA	WELL	115.0	40	MCCLARTY	October 19, 1973	No
73	82069	HORSMAN MILDRED	28N	21W	5	DA	WELL	80.0	10	BILLMAYER	January 26, 1977	No
74	82070	RUEGSEGGER VALE	28N	21W	5	DA	WELL	0.0	0	UNKNOWN	January 1, 1955	No
75	82071	BAUSKA MANUEL V	28N	21W	5	DBC	WELL	74.0	60	LIBERTY	April 26, 1979	No
76	82072	ELGIN RUSSELL R.	28N	21W	5	DC	WELL	0.0	100	UNKNOWN	January 1, 1938	No
77	82073	JAHNKE FLORENCE	28N	21W	5	DC	WELL	75.0	30	MCCLARTY	June 24, 1977	No
78	82074	STAFFORD DONALD	28N	21W	5	DC	WELL	41.0	25	HENDRICKSON	August 22, 1974	No
79	82075	ENZNIONN RUDY	28N	21W	5	DC	WELL	39.0	39	MCCLARTY	October 5, 1989	No
80	82076	ELGIN DONALD	28N	21W	5	DCC	WELL	26.0	100	UNKNOWN	January 1, 1938	No
81	82077	PENNOYER FRED C.	28N	21W	5	DCC	WELL	68.0	20	UNKNOWN	August 15, 1956	No
82	82078	HAUGNESS J.C.	28N	21W	5	DD	WELL	20.7	60	MCCLARTY	August 10, 1965	No
83	82079	WATKINS JEANETTE	28N	21W	5	DD	WELL	22.0	15	UNKNOWN	December 1, 1951	No
84	82080	FLATHEAD COUNTY WATER DISTRICT 1 - EVERGREEN	28N	21W	5	DDCC	WELL	143.0	3000	LIBERTY	September 18, 1975	No
85	82081	BEEKMAN AART	28N	21W	5	DDD	WELL	20.0	0	UNKNOWN	January 1, 1955	No
86	82096	HALTER JIM S	28N	21W	6	DA	WELL	194.0	15	MCCLARTY	January 12, 1982	No
87	82097	BRUYER BEN J & ERMA I	28N	21W	6	DAA	WELL	94.0	30	-	May 20, 1958	No
88	82098	BRUYER BENJAMIN	28N	21W	6	DD	WELL	86.0	40	-	October 1, 1948	No
89	82099	SCALES WILLIAM	28N	21W	6	DDD	WELL	27.0	15	MCCLARTY	December 10, 1974	No
90	82105	STOUT DARRELL & LOIS	28N	21W	8	-	WELL	51.0	7	-	September 25, 1957	No
91	82106	SMITH CHAUCEY	28N	21W	8	-	WELL	208.0	5	-	August 18, 1955	No
92	82107	RUNDELL EVERETT A	28N	21W	8	-	WELL	30.0	0	-	January 1, 1960	No
93	82108	RADABAH JOYCE L	28N	21W	8	-	WELL	25.0	10	-	July 1, 1955	No
94	82109	MEYERS MARVIN & BARB	28N	21W	8	-	WELL	25.0	4	-	January 1, 1955	No
95	82110	MESSNER LLOYD B & ESTHER W	28N	21W	8	-	WELL	18.0	15	-	May 1, 1956	No
96	82111	MESSNER LLOYD B & ESTHER W	28N	21W	8	-	WELL	18.0	15	-	May 1, 1956	No
97	82112	MCWILLIAMS R B	28N	21W	8	-	WELL	236.0	6	-	January 1, 1935	No
98	82113	HAMMETT JOHN F	28N	21W	8	-	WELL	161.0	10	-	January 1, 1955	No
99	82114	GRAHAM JAMES B. & RAMONA J.	28N	21W	8	-	WELL	16.0	20	-	January 1, 1949	No
100	82115	FREESE MYRON & VIOLET	28N	21W	8	-	WELL	30.0	0	-	January 1, 1946	No
101	82116	FREESE C J & RENA	28N	21W	8	-	WELL	26.0	0	-	January 1, 1946	No
102	82117	GRAHAM RAMONA J	28N	21W	8	-	WELL	20.0	20	-	January 1, 1949	No
103	82118	BURNELL ARTHUR F & INEZ E	28N	21W	8	-	WELL	22.0	1	-	June 15, 1953	No
104	82119	BURNELL ARTHUR F & INEZ E	28N	21W	8	-	WELL	22.0	1	-	June 1, 1953	No
105	82120	BUNKER RAYMOND	28N	21W	8	-	WELL	16.0	2	-	January 1, 1940	No
106	82121	BUCK E.H. & LUCILLE GLADYS	28N	21W	8	-	WELL	20.0	300	-	January 1, 1950	No
107	82122	BLACK ROBERT S	28N	21W	8	-	WELL	35.0	10	-	January 1, 1945	No
108	82123	GOLDIZEN W G JR	28N	21W	8	-	WELL	20.0	20	OLSEN & JUSTIN	September 15, 1962	No
109	82124	MELICK JAMES	28N	21W	8	-	WELL	50.0	36	BRIGGS	May 4, 1977	No
110	82125	DEIST LAWRENCE & ISABELLE	28N	21W	8	-	WELL	36.0	20	-	June 1, 1951	No
111	82126	LUKE HAROLD F & CARL K	28N	21W	8	-	WELL	40.0	15	-	May 18, 1947	No
112	82127	MARONEY JACK & LOIS	28N	21W	8	-	WELL	35.0	33	-	May 1, 1958	No
113	82128	BIRKY EZRA & MARJORIE	28N	21W	8	-	WELL	19.0	100	-	April 1, 1961	No
114	82129	HENFER MATT & AMY	28N	21W	8	-	WELL	216.0	0	-	July 7, 1951	No
115	82130	ELIASON NEIL H & CAROL L	28N	21W	8	-	WELL	22.0	12	-	May 1, 1955	No
116	82131	CASEY ANDREW J & MARGARET	28N	21W	8	-	WELL	14.0	0	-	May 1, 1940	No

TABLE B-1 GWIC WELLS LOCATED WITHIN ONE HALF MILE OF SITE BOUNDARY

ID	GWIC Number	Identification	Township	Range	Section	Tract	Borehole or Well ?	Total Depth (feet)	Well Yield (gpm)	Driller	Well Completion Date	Water Quality Data Available?
117	82132	SALANSKY JAMES M.	28N	21W	8	-	WELL	30.0	50	-	January 1, 1956	No
118	82133	PHILLIPS R.E.	28N	21W	8	-	WELL	185.0	20	-	January 1, 1955	No
119	82134	IVEY WALFORD	28N	21W	8	-	WELL	27.0	0	-	January 1, 1950	No
120	82135	BRONSON LEE	28N	21W	8	-	WELL	20.0	7	-	May 1, 1961	No
121	82136	DELHAY ARLING S.	28N	21W	8	AA	WELL	80.0	50	-	January 1, 1947	No
122	82137	NELSON JAMES	28N	21W	8	AAB	WELL	21.0	25	HENDRICKSON	May 7, 1970	No
123	82138	LEWIS LEE J.	28N	21W	8	AC	WELL	85.0	4	-	January 1, 1940	No
124	82139	FLATHEAD COUNTY PARK BOARD	28N	21W	8	ACDB	WELL	297.0	400	LIBERTY	March 8, 1977	No
125	82140	WILCOX MARY CATHERINE	28N	21W	8	B	WELL	0.0	17	-	June 1, 1954	No
126	82141	WILCOX MARY CATHERINE & SHINN MINNIE I	28N	21W	8	B	WELL	44.0	260	OLSEN	September 13, 1962	No
127	82142	WILCOX MARY CATHERINE	28N	21W	8	B	WELL	0.0	25	-	January 1, 1957	No
128	82143	WILCOX MARY CATHERINE	28N	21W	8	B	WELL	0.0	15	-	January 1, 1948	No
129	82145	MOKKO MONTANA	28N	21W	8	BB	WELL	34.0	90	ERICKSON	April 14, 1988	No
130	82146	KALISPELL POLE & TIMBER CO	28N	21W	8	BB	WELL	60.0	20	MCCLARTY	April 3, 1969	No
131	82147	PAYNE DOUGLAS	28N	21W	8	BBA	WELL	130.0	80	-	June 4, 1955	No
132	82148	WOOD THOMAS	28N	21W	8	BBB	WELL	14.0	20	-	September 1, 1962	No
133	82149	MUELLER GEORGE C.	28N	21W	8	BBB	WELL	22.0	60	-	July 1, 1944	No
134	82150	STENBERG JOHN	28N	21W	8	BBB	WELL	242.0	25	LIBERTY	September 7, 1988	No
135	82151	MCELROY & WILKEN READY MIX	28N	21W	8	BBDA	WELL	240.0	90	BILLMAYER	July 29, 1977	No
136	82152	GILBERTSON ART	28N	21W	8	BD	WELL	231.0	22	MCCLARTY	June 15, 1966	No
137	82153	GILBERTSON ARTHUR L. & ISABELLE J.	28N	21W	8	BD	WELL	160.0	1	-	January 1, 1920	No
138	82154	KJOS LES	28N	21W	8	BDA	WELL	122.0	15	HENDRICKSON	January 22, 1968	No
139	82155	HAFER CHUCK	28N	21W	8	BDC	WELL	90.0	26	MCCLARTY	September 21, 1981	No
140	82156	BRICK & BUILDERS SUPPLY INC	28N	21W	8	BDD	WELL	50.0	50	-	January 1, 1958	No
141	82166	KIMES CLAUDIE MARIE	28N	21W	8	DA	WELL	0.0	0	-	January 1, 1952	No
142	82167	JACOBSON ALVIN	28N	21W	8	DA	WELL	28.0	0	-	January 1, 1946	No
143	82168	FOSS JOHN OR ALMA	28N	21W	8	DA	WELL	25.0	15	MCCLARTY	August 10, 1962	No
144	82169	CONRAD MEMORIAL CEMETERY	28N	21W	8	DAB	WELL	391.0	1500	LIBERTY	July 2, 1984	No
145	82171	ANDERSON SUSANNA	28N	21W	8	DB	WELL	23.0	1	-	June 1, 1937	No
146	82172	SHAW DWIGHT L. & MARGARET A.	28N	21W	8	DB	WELL	24.0	0	-	May 10, 1954	No
147	82173	SHAW DWIGHT L. & MARGARET A.	28N	21W	8	DB	WELL	145.0	5	-	August 5, 1953	No
148	82174	LANFEAR ROBERT JR.	28N	21W	8	DB	WELL	26.0	60	ERICKSON	April 18, 1989	No
149	82213	SMITH C. PHILIP	28N	21W	9	B	WELL	0.0	0	-	January 1, 1911	No
150	82216	O'HARE AGNES E. & EVERETT R.	28N	21W	9	BBB	WELL	14.0	500	-	January 1, 1941	No
151	82217	O'HARE AGNES E. & EVERETT R.	28N	21W	9	BBB	WELL	14.0	500	-	January 1, 1941	No
152	82218	ALTENBURG R.W.	28N	21W	9	BBB	WELL	20.0	20	MCCLARTY	August 14, 1964	No
153	82219	TAYLOR RUTH M	28N	21W	9	BBB	WELL	25.0	100	MEEKS	May 20, 1963	No
154	173490	COVINGTON STEVE & VICKI	28N	21W	5	DDD	WELL	25.5	60	ERICKSON	February 3, 1999	No
155	176897	KNUPPENBURG HELEN	28N	21W	5	BC	WELL	289.0	12	WELL DONE	June 20, 1999	No
156	176898	STILLWATER FOREST PRODUC	28N	21W	5	CDC	WELL	44.0	400	ERICKSON	April 7, 1999	No
157	188133	CARMICHAEL TOM	28N	21W	5	DDC	WELL	26.5	60	ERICKSON	October 22, 2000	No
158	82054	RJS NORTHERN PARK	28N	21W	5	CBBB	WELL	240.0	15	BEARCAT	August 19, 1984	No
159	189619	INLINE CONSTRUCTION	28N	21W	5	CC	WELL	232.0	50	SUDAN	April 20, 2001	No
160	189620	RHODES MARK	28N	21W	5	CCC	WELL	23.0	15	SUDAN	March 28, 2001	No
161	189621	FLATHEAD COUNTY PARK BOARD	28N	21W	8	DAB	WELL	258.5	50	SUDAN	August 31, 2001	No
162	164004	MDOT - NEW KALISPELL BUILDING - CL 4-2-97	28N	21W	8	-	BOREHOLE	21.5	0	MAYBERRY	February 11, 1997	No
163	201204	SCHMEECKLE JULIUS	28N	21W	5	-	WELL	111.0	60	WELL DONE	July 6, 2002	No
164	201206	RIPPLINGER ANDREW	28N	21W	5	CACC	WELL	71.0	90	LIBERTY	August 24, 2001	No
165	201207	RINKE ROBERT J	28N	21W	5	DDD	WELL	249.0	30	ERICKSON	October 24, 2001	No
166	201209	MCELROY AND WILKEN	28N	21W	8	ABDB	WELL	26.0	0	LIBERTY	May 7, 2002	No
167	201438	WILSON JON	28N	21W	5	DCD	WELL	43.0	30	BIG TIMBER	October 5, 2002	No
168	82065	MEAD MJ	28N	21W	5	CDA	WELL	59.0	40	MCCLARTY	October 29, 1975	No
169	82041	MATHEWS STEPHEN O	28N	21W	5	-	WELL	29.0	20	MCCLARTY	July 6, 1976	No
170	204781	LEWIS LEE	28N	21W	8	-	WELL	58.5	12	MCCLARTY	May 10, 1957	No
171	82144	KLINGER LUMBER CO. INC	28N	21W	8	BAA	WELL	91.0	60	CHAMBERS	February 25, 1981	No
172	210872	VALENTINE, CONNIE B	28N	21W	5	CC	WELL	40.0	100	LIBERTY DRILLING INC	October 16, 2003	No
173	211855	CREVIER MARTY	28N	21W	8	DB	WELL	323.0	150	GLAZIER	August 25, 2003	No
174	213928	DONOVAN, DAVID J	28N	21W	5	CC	WELL	71.0	50	LIBERTY DRILLING INC	August 24, 2004	No

TABLE B-1 GWIC WELLS LOCATED WITHIN ONE HALF MILE OF SITE BOUNDARY

ID	GWIC Number	Identification	Township	Range	Section	Tract	Borehole or Well ?	Total Depth (feet)	Well Yield (gpm)	Driller	Well Completion Date	Water Quality Data Available?
175	213988	MAJOR CHARLES & KATHY	28N	21W	5	CCDA	WELL	42.0	50	ERICKSON	April 5, 2004	No
176	214341	MONTANA RENTALS, LLC	28N	21W	8	BD	WELL	260.0	12	SUDAN	July 2, 2004	No
177	215702	HOLIDAY STORE # 279 MW-1	28N	21W	8	AA	WELL	15.0	0	GARY LATTA	January 6, 2003	No
178	215713	HOLIDAY STORE # 279 * MW-2	28N	21W	8	AA	WELL	15.0	0	GARY LATTA	January 7, 2003	No
179	215715	HOLIDAY STORE # 279	28N	21W	8	AA	WELL	15.0	0	ENVIRO PROBE SERVICE	January 7, 2003	No

Notes:

-	Data field in the GWIC database was empty
ABCD	Convention used to identify the location of a well in a section; where, by definition: "A" is northeast corner, "B" is northwest corner, "C" is southwest corner, and "D" is southeast corner of the specified section. For example: "CCDA" means the well is located in the southwest quarter of the southwest quarter of southeast quarter of the northeast quarter of the section.
gpm	gallons per minute
GWIC	Groundwater Information Center at the Montana Bureau of Mines and Geology, located at http://mbmggwic.mtech.edu/
GWIC number	GWIC identification number used in database
ID	Label identification plotted in Figure 3-5

APPENDIX C

DATA QUALITY SUMMARY

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ACRONYMS AND ABBREVIATIONS

AES	Applied Earth Sciences, Inc.
BTEX	Benzene, toluene, ethylbenzene, and xylenes
CLP	Contract Laboratory Program
DQO	Data quality objective
DRO	Diesel-range organics
DSR	Data summary report
Energy	Energy Laboratories, Inc.
EPA	U.S. Environmental Protection Agency
EPH	Extractable petroleum hydrocarbon
FIT	Field Investigation Team
GRO	Gasoline-range organics
Huntingdon	Huntingdon Engineering and Environmental, Inc.
KPT	Kalispell Pole and Timber
KRY	Name used jointly for the Kalispell Pole and Timber (KPT) Facility, Reliance Refinery Company (Reliance) Facility, and Yale Oil Company (Yale Oil) Facility
LCS	Laboratory control sample
LCSD	Laboratory control sample duplicate
LWC	Land and Water Consulting, Inc.
MA-EPH	Massachusetts-extractable petroleum hydrocarbon
MA-VPH	Massachusetts-volatile petroleum hydrocarbon
MD	Matrix duplicate
DEQ	Montana Department of Environmental Quality
MDHES	Montana Department of Health and Environmental Sciences
MSE	MSE, Inc.
MS	Matrix spike
MSD	Matrix spike duplicate
North Creek	North Creek Analytical
PAH	Polycyclic aromatic hydrocarbon
PE	Performance evaluation
PCP	Pentachlorophenol
Pioneer	Pioneer Technical Services
QA	Quality assurance
QC	Quality control

ACRONYMS AND ABBREVIATIONS
(Continued)

REAC	Remedial Engineering Analytical Contract
REM/FIT	Remedial Planning/Field Investigation Team
Reliance	Reliance Refinery Company
RETEC	Remediation Technologies, Inc.
RI	Remedial investigation
RPD	Relative percent difference
RSD	Relative standard deviation
Secor	Secor International, Inc.
SVOC	Semivolatile organic compound
TCLP	Toxicity characteristic leaching procedure
Tetra Tech	Tetra Tech EM Inc.
TIC	Tentatively identified compound
TPH	Total petroleum hydrocarbons
TPH/DRO	Total petroleum hydrocarbons/diesel-range organics
TPH/GRO	Total petroleum hydrocarbons/gasoline range organics
VOC	Volatile organic compound
VPH	Volatile petroleum hydrocarbon
Weston	Roy F. Weston, Inc.
Yale Oil	Yale Oil Corporation

1.0 DATA QUALITY SUMMARY

At the request of the Montana Department of Environmental Quality (DEQ), Tetra Tech conducted a partial data review to evaluate , if possible, the accuracy, precision, overall quality, and usability of historical data. These data were compiled for the Data Summary Report (DSR) for the Kalispell Pole and Timber (KPT) Facility, Reliance Refinery Company (Reliance) Facility, and Yale Oil Company (Yale Oil) Facility (jointly referred to as the KRY site) , near Kalispell, Montana. The DSR was prepared by Tetra Tech EM Inc. (Tetra Tech) in accordance with the scope of work under Task Order No. 37, DEQ Contract No. 402014. This document is a companion to the DSR.

Historical data were received in varying formats and included both hard copy and electronic deliverables. All available data were incorporated into an electronic database to assist with data management for further evaluation. Available quality assurance (QA) and quality control (QC) data were reviewed in conjunction with sample data. A consistent review of all required QA/QC measures across the board was not possible because of the extended span of time when these data were collected, the varying scopes of each investigation, and the different laboratory reporting styles. However, accuracy, precision, overall quality, and usability were assessed, at least in part, when applicable QC information was provided.

This document is arranged to address the quality assessments listed above by facility (KPT, Reliance, and Yale Oil) and collection event; recognizing that data from a single collection event may overlap across more than one facility. It appears that some degree of review was conducted when the historical data were reported. The reviews appear to range from laboratory QC checks before results were reported to full validation by U.S. Environmental Protection Agency (EPA) contractors. Laboratories and data reviewers assigned data qualifiers whenever associated QC checks indicated that data quality is compromised or uncertainty in the identity or quantity of compounds was apparent. Table C-1 provides the data qualifiers and their definitions used throughout the historical dataset. The qualified historical results are contained in the database and provided in electronic format as Appendix A.

TABLE C-1

DATA QUALIFIERS AND DEFINITIONS

QUALIFIER	DEFINITION
*	In analysis for dioxins and furans, the result may be biased high because of contribution from other isomers.
B	Analyte also detected in associated blank; should consider the result as either a false positive (laboratory contamination) or biased high (elevated result because of laboratory contamination).
D	Result is reported from the analysis of a diluted sample. Results may be considered estimated because of the uncertainty in the dilution process.
E	Result is estimated because the instrument response was greater than the calibration curve.
J	Estimated value
M	Presence of a matrix interference is suspected; value may be estimate.
PR	Result is estimated because of poorly resolved chromatographic peaks
S	Detector is saturated and result is over the instrument calibration range. If available, use the result provided in a diluted sample. If not available, the value is considered estimated.
U	Undetected.
UJ	Undetected at an estimated quantitation limit.
Y	Reporting limits are elevated because of dilution of the sample in the presence of a matrix interference.

Since no full validation data packages were available for review, the reviewer relied on analytical results, reports of full validation summaries, and, where available, QC summaries associated with analytical results. The review consisted of a basic accounting of available data, followed by an assessment of quality based on the QC parameters for precision and accuracy. Precision is assessed for most analyses by comparing analytical results of matrix spike (MS) and matrix spike duplicate (MSD) pairs, matrix duplicates (MD) pairs, field duplicate pairs, laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) pairs. Precision is calculated using relative percent difference (RPD) for two measurements and relative standard deviation (RSD) for more than two measurements. Accuracy is assessed for most analyses by using the recoveries of MS, MSD samples, surrogate spikes, LCSs, standard reference materials, performance evaluation samples, and measurements of instrument responses from calibration standards. Accuracy is generally expressed as percent recovery of the analyte of interest based on a known or true value. Laboratory and field blank results also provide useful information on the accuracy of the results. Generally, if the laboratory assigned a qualifier, the data should be reported with that qualifier and considered estimated.

As a general comment, it should be noted that methods for total petroleum hydrocarbons (TPH) have changed and evolved over the decades from which data have been reported. Generally, TPH analyzed by EPA Method 418.1 is meant to be a total value and cannot be used to differentiate types of hydrocarbons. Gas chromatographic methods (like EPA 8015 modified and Massachusetts methods) are better for identifying components of hydrocarbons (for example, diesel and gasoline), but do not necessarily identify individual compounds. GC/mass spectrometric methods (like EPA 8260 and 8270) can provide individual compound results with a high degree of reliability; provided the associated QC are reviewed and acceptable.

The following sections describe the data review for each of the data collection events. The sections discuss basic accounting of the data packages and the types of data collected, the available QC documentation, and the level of quality review undertaken for each of the data collection events. In addition, each section describes the review elements of precision and accuracy. Overall quality and usability are summarized in Section 3.0.

1.1 DATA SUMMARY FOR YALE OIL FACILITY

The following sections describe the data summary for data collection events conducted at the Yale Oil facility.

1.1.1 Subsurface Investigation and Remedial Action Plan — 1985

In October, 1985, a subsurface investigation and remedial action plan was implemented at the Exxon Bulk Plant in Kalispell, Montana (Applied Earth Sciences, Inc. [AES] 1985). The data set consists of results for semivolatile organic compounds (SVOC) by EPA) Method 8270 (EPA 1996) for 11 soil, 5 groundwater, and 3 product (oily) samples. The data were produced by EA Engineering, Science, and Technology. The data reported includes quantitation reports and chromatograms for each sample, GC/MS instrument tuning and calibration results, for SVOC analysis, and blank results. The submitted results appear to be correctly reported with no issues. As such, the data for this sampling event is usable with qualifiers appended by the laboratory.

In addition, Rocky Mountain Analytical Laboratory (RMAL) conducted analysis of the oily product for composition (percent oil, water, and solids), PCBs, and extraction procedure metals (EP Metals), a GC scan using flame ionization detector (FID) and SVOCs. The RMAL data package only contains the GC/FID chromatograms that indicate the oily product is similar to 10W-40 motor oil, and most of the water samples had no detectable petroleum hydrocarbon. No other QC data are available for this analytical suite provided by RMAL. The RMAL data package available for review consists of results forms only. Based on review of the reported results only, the reporting limits appear to be elevated and may not be useful for comparison to risk-based screening levels. No associated QC data are available for review; therefore, data quality cannot be assessed at this time. Without further assessment, data should be used with caution and reported with all appended qualifiers.

1.1.2 Report of Sampling — 1986

The EPA Remedial Planning/Field Investigation Team (REM/FIT) collected soil, groundwater, and sludge samples in February and March 1986. Available data packages include results for two soil and two oily samples; however, it appears that seven groundwater samples were also collected. Samples were analyzed for volatile organic compounds (VOC) and SVOCs using EPA Contract Laboratory Program (CLP) methods. Analytical data were produced by Combustion Engineering and PEI Associates. Full

data validation was conducted by EPA contractors, and QC summaries were included with results. Because of blank contamination, results for methylene chloride, di-n-butylphthalate, bis(2-ethylhexyl) phthalate, and butylated hydroxytoluene were qualified with a “B” and should be considered laboratory contamination and not site-related chemicals. In addition, results for 2-butanone, 2-chloroethylvinyl ether, and vinyl acetate were rejected (qualified “R”) based on poor response from calibration verifications. All positive results reported less than the required reporting limit were qualified as estimated (J). Accuracy and precision were generally acceptable, with the exceptions noted above. All results from this investigation are usable and should be reported with all appended qualifiers, with the exception of any qualified as rejected (R). Rejected data cannot be used for further evaluation.

In November 1988, AES collected one sludge sample and one groundwater monitoring well sample that were analyzed for polychlorinated dioxins and furans by Enseco Laboratory. Only the result for the sludge sample was available for review. Surrogate recoveries for the sludge sample were acceptable. No other associated QC data were reported. As such, data quality cannot be assessed at this time. Furthermore, these data cannot be associated with a specific investigation with certainty.

1.1.3 Oil Spill Investigation and Addendum — 1986

In 1986, an oil spill investigation was conducted on the Yale Oil facility. Data for dioxins were reviewed in conjunction with this investigation. The laboratory (Enseco) reports that the method blank contains trace-level contamination; samples were reanalyzed and the results found to be accurate as reported. Other QC results, including matrix spike, duplicates, and calibration verification checks, were acceptable and required no qualification of data. The sampling document for this investigation does not report any other analytical data.

1.1.4 Abatement Activities for Aboveground Tank and Underground Piping — 1994

Soil samples were collected and analyzed in conjunction with the abatement of an aboveground storage tank and underground piping at the Yale Oil facility in 1994. Soil samples from the abatement of the aboveground tank were analyzed for TPH by EPA Method 418.1 and PAHs by EPA Method 8310. Soil samples collected from the abatement of the underground piping were analyzed for BTEX by EPA Method 8020, TPH by EPA Method 418.1, and PAHs by EPA Method 8310. QC summaries were provided and reviewed. No serious issues were identified and results were reported with no qualification. As such, the results are acceptable as reported.

1.1.5 Quarterly Groundwater Monitoring at Yale Oil Facility— 1995

In 1995, Secor International (Secor) collected three quarters of groundwater samples that were analyzed by North Creek Analytical (North Creek) for the following tests:

- Ten groundwater samples collected in April 1995 were analyzed for VOCs by EPA Method 8260, toxicity characteristic leaching procedure (TCLP) metals by EPA Method 6010, and SVOCs by EPA Method 8270
- Eleven groundwater samples collected in August 1995 were analyzed for a full list of SVOCs by EPA Method 8270; one of the 11 samples was also analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) and total petroleum hydrocarbons/gasoline range organics (TPH/GRO) by EPA Method 8020 modified
- Ten groundwater samples collected in October 1995 were analyzed for BTEX and TPH/GRO by EPA Method 8020 modified; six of the 11 samples were also analyzed for total petroleum hydrocarbons/diesel-range organics (TPH/DRO) by EPA Method 8015 modified and chlorinated herbicides (including pentachlorophenol [PCP]) by EPA Method 515.1.

The April 1995 data package available for review consists of results forms and QC summaries for the analysis of SVOCs only. Data for VOCs and TCLP metals were not available. The laboratory method blank contained no detectable SVOCs, and the recoveries and RPDs were acceptable for the blank spike and blank spike duplicate (also known as LCS/LCSD). Accuracy and precision are acceptable for the analysis of SVOCs.

The August 1995 data package available for review consists of results forms and QC summaries for the analysis of SVOCs, BTEX, TPH-DRO, and TPH-GRO. The laboratory method blank contained no detectable SVOCs, and the recoveries and RPDs were acceptable for the blank spike and blank spike duplicate. Accuracy and precision are acceptable for the SVOC analysis.

The October 1995 data package available for review consists of results forms and QC summaries for the analysis of chlorinated herbicides, TPH-GRO, and TPH-DRO. The laboratory method blank contained no detectable herbicides or TPH-DRO, and the recoveries and RPDs were acceptable for the blank spike and blank spike duplicate. Accuracy and precision are acceptable for the analysis of herbicides and TPH-DRO.

Based on review of available QC data, results for SVOCs, herbicides, and TPH-DRO are acceptable as reported. No qualifiers were appended by the laboratory.

Since no associated QC data are available for BTEX and TPH/GRO, data quality cannot be assessed at this time. Without further assessment, data should be used with caution.

1.1.6 Groundwater Monitoring at Yale Oil Facility – 2000 and 2002

In November 2000, Maxim Technologies collected groundwater samples from six monitoring wells. The samples were analyzed for volatile petroleum hydrocarbons (VPH) by the Massachusetts method. In May 2002, Hydrometrics collected groundwater samples from six monitoring wells and analyzed for extractable petroleum hydrocarbons (EPH) and VPH by the Massachusetts method. No laboratory reports or other associated QC data are available for review; therefore, data quality cannot be assessed at this time. Without further assessment, data should be used with caution.

1.2 RELIANCE FACILITY DATA SUMMARY

The following sections describe the data summary for data collection events conducted at the Reliance facility.

1.2.1 1985 DEQ Investigation

DEQ conducted field investigations on the Reliance facility in October 1985. In 1985, two soil samples were collected from test pits at the Reliance facility and analyzed for total metals. The report lists only the results; no supporting analytical or laboratory QC data are provided. Since no associated QC data are available, data quality cannot be assessed at this time. Without further assessment, data should be used with caution.

1.2.2 1986 DEQ Investigations

Between February and June 1986, EPA Field Investigation Team (FIT) contractors conducted field investigations on the Reliance facility. Data collected during the investigation was fully validated by EPA's contractors and reported in analytical result reports dated April 15, 1986 and October 21, 1986. The validation report indicated that some data for arsenic and thallium in soil and groundwater were qualified as rejected (R) based on very low MS recoveries. In addition, data for antimony, selenium, lead, cadmium, and mercury in soil were qualified as rejected (R) as a result of issues with matrix interference. Data for barium selenium, and tin were qualified as estimated (C and E) because of a potential interference. Results for aluminum and zinc in groundwater were qualified as estimated (J) because of blank contamination. Methylene chloride, acetone, 2-butanone, and phthalates were detected in laboratory method blanks and caused some data to be qualified as estimated (JB) because of blank contamination. Results for 2-hexanone, 2-butanone, and acetone were also estimated based pm poor duplicate precision. Other data were qualified as estimated because the holding time was exceeded (J), and because chain-of-custody records were incomplete (Q). Rejected data are not usable. Estimated data should be used with the understanding that the result may not be accurate.

1.2.3 1998 DEQ Investigation

In May 1998, DEQ collected two samples of free product from groundwater wells and 24 soil samples that were analyzed by Energy Laboratories, Inc. for TPH/DRO by EPA Method 8015 modified. In addition, 29 soil samples were also collected and analyzed by Maxim Technologies, Inc., for total lead using EPA Method 6010. Review packages for TPH/DRO include calibration, method blank, and LCS QC summaries. The review package for total lead includes method blank, LCS, and MS QC summaries. Accuracy and precision were generally acceptable, with the exceptions noted above. Since all reported QC results are acceptable, the data are useable.

1.2.4 Phase I Remedial Investigation

In 1996, Pioneer Technical Services (Pioneer) conducted a phase I remedial investigations (RI) on the Reliance facility and the state-owned property associated with the KPT facility (data reported in 2000). The soil investigation included excavation of 99 test pits. Soil samples from individual test pits were composited for some of the analyses. The soils from each test pit were screened in the field for organic

vapors using a heated headspace method and for PCP using a quick test method developed by Envirol, Inc. The field screening methods aided in determining the need for laboratory analysis of VPH (also known as TPH-extractables) or PCP by Energy. Additional analyses included total lead, EPH, SVOCs (acid extractables and base/neutral extractables), and DRO. In addition, one background soil sample and one sludge sample were analyzed using TCLP methods for SVOCs, VOCs, and lead.

The groundwater investigation for this project included sampling wells located on the Reliance and KPT facilities. Groundwater samples were submitted to the laboratory for analysis of VOCs, DRO, and SVOCs. Laboratory data packages including QC summaries are available but have not been reviewed at this time. However, as part of the RI effort, full validation was conducted on samples; the findings are reported as Appendix F in the "Final Phase I Remedial Investigation Report for the Reliance Refinery Site, Kalispell, Montana" (Pioneer 2000). A summary of the data validation findings is included in the following subsections, adapted directly from the RI report.

Data for Soil

The DRO data for soil indicate five samples were either extracted or analyzed outside of holding times; results are considered biased low (for example, one was a nondetect for DRO when the test pit appeared contaminated).

The EPH data indicate four samples were re-extracted or analyzed outside of holding times; these concentrations should be considered biased low. There were very high surrogate recoveries in nine samples; polycyclic aromatic hydrocarbons (PAH) results should be considered biased high. Surrogate compounds are added to samples to mimic the performance and reactions of target compounds in the natural sample matrix (in other words, high surrogate recoveries indicate higher-than-actual target compound concentrations). High surrogate recoveries are often a result of matrix interferences. Surrogate recoveries were very high for the aliphatic- and aromatic-range results in seven samples. These high surrogate recoveries do not necessarily mean the target concentrations should be considered biased high, however. The numerous other petroleum compounds may be causing interference.

The VPH data indicate one high surrogate recovery in one sample; the reported concentrations of target analytes are considered higher than actual.

The QA/QC data for total lead in soil were presented for only 28 of 40 samples. There was no serial dilution sample or an interference check sample as per the method. All concentrations should be considered estimated; nondetects are flagged "UJ," and detects are flagged "J."

The soil acid extractable (PCP) data indicate an extraction date for one MS/MSD long after the sample group. All recoveries of the MS/MSD were acceptable, but it is unclear whether this MS/MSD represents the specific sample group. One sample exceeded its holding time by 2 days; no qualification was needed for this minor violation of the holding time.

The data for SVOCs in soil indicate unacceptable recoveries for certain compounds in one sample for the continuing calibration check. However, none of the compounds was detected in the sample; the nondetects are considered estimated. Recoveries were unacceptable for benzidine in two samples for another continuing calibration check. However, there were no detections of this compound; the nondetects should therefore be considered estimated. The samples were extracted outside the holding time; no qualification was needed because the violation of the holding time was minimal. The internal standard area counts for some surrogates in some samples were low; bis(2-ethylhexyl)phthalate in one sample was flagged "UJ" (underestimated).

The analysis of soil and sludge for SVOCs after the TCLP extraction indicate calibration was exceeded for some compounds. None of the problem compounds were associated with the target analytes; therefore, no qualification is necessary.

Data for Groundwater

The acid extractable water data were acceptable with no qualification. The data for VOCs in water indicate poor standard recoveries for methyl ethyl ketone in all continuing calibration standards; detects have been flagged "J" (underestimated) and nondetects have been flagged "UJ" (underestimated). Additional calibration standards were exceeded for bromomethane and chloromethene in some samples. However, there were no detections of these compounds; nondetects should be considered underestimated. Dichloropropane was also out of control, affecting some samples. However, there were no positive results for this compound; nondetects should be considered underestimated.

The DRO data for water indicate very high surrogate recoveries of o-terphenyl for two samples: however, the data summary forms showed surrogate recoveries within acceptable ranges. Manual correction from

the raw data forms to the data summary forms is often necessary when the automated devices measure a compound other than the surrogate or when other petroleum compounds elute during the same general time, causing interference. Surrogate recoveries were low for the DRO data for two samples; however, the data summary forms showed surrogate recoveries within acceptable ranges. Again, manual correction was used.

The base/neutral extractable data for water indicate calibrations out of control for hexachlorocyclopentadiene; however, this compound was not detected. The continuing calibration check for benzidine was unacceptable. However, no positive results were detected; nondetects should be considered underestimated. The internal standard area counts for some surrogates in some samples fell below the acceptable limits. The results for bis(2-ethylhexyl)phthalate should be considered underestimated in two samples (flagged "UJ" and "J").

No data were rejected as part of this RI; as such, all results are valid and can be used for their intended purposes, with the qualifications noted above.

1.2.5 Soil and Groundwater Characterization — 2002

In 2002, Land and Water Consulting, Inc. (LWC) conducted soil and groundwater characterization study on the McElroy & Wilken property (small portion of the Reliance facility). LWC collected two groundwater samples that were analyzed by Energy for TPH-purgeables by the Massachusetts (MA)-VPH method, TPH-extractables by MA-EPH, PAHs by EPA Method 8270C, and PCP by EPA Method 8151A. QC summaries, including surrogate recoveries, trip blank, method blanks, LCS, MS/MSD, and instrument calibration verifications, were available for review. QC criteria were met. Accuracy and precision were generally acceptable. Laboratory qualifiers include notations regarding matrix interference, low surrogate recoveries, and MCL exceedances. Data are acceptable as reported with qualification appended by the laboratory.

LWC also collected 11 soil samples for characterization. Energy analyzed the soil samples Energy for percent moisture, TPH-purgeables by MA-VPH, TPH-extractables by MA-EPH, and PCP by EPA Method 8151A. The data package includes calibration, LCS, blank, and MS/MSD QC summaries. All QC criteria were met. Accuracy and precision were generally acceptable. Data are acceptable as reported.

In addition, historical data from other investigations of groundwater and soil were summarized in this report. However, most of the data include only results with little or no laboratory backup data. As such, historical data from this project were not further reviewed.

1.2.6 Phase II Remedial Investigation/Feasibility Study

In 2002, LWC conducted a phase II RI/FS on the Reliance facility. Soil samples were collected from the northern and southern areas of the site. In addition, groundwater wells were sampled. Samples were analyzed for TPH-extractables, TPH-purgeables, and SVOCs by Energy Laboratories, Inc., and dioxins and furans were analyzed by Pace Analytical (Pace) in Minneapolis, Minnesota. The only available data are the results summaries reported in the phase II RI/FS report, QC summaries for dioxin/furan analysis of three soil samples, and groundwater samples collected in October. Each laboratory conducted a review of the QC samples and summarized the findings in a cover letter to the analytical data report.
For dioxin/furan analysis of soils, Pace indicated that internal standard recoveries were as expected and reported correctly. Laboratory method blanks contained no detectable dioxin/furan isomers. LCS results were acceptable. Overall the dioxin/furan data are acceptable with a few noted qualifications as follows:

- Laboratory qualified results as estimated (E) due to possible interference from other dioxin isomers; consider results as estimated.
- Dilutions were required for some isomers and are indicated by "N2." Data are acceptable as reported from the dilutions.
- Results reported below the calibration range are qualified as estimated (J).
- Reporting limits for some isomers were adjusted due to signal-to-noise ratio and qualified as estimated (A).

For groundwater analysis of TPH-extractables, TPH-purgeables, and SVOCs, Energy reported QC summaries, including calibration verifications, method blanks, and LCS. The QC results are acceptable. As such, the groundwater results obtained from the October sampling event are acceptable with the qualified placed on the results by the laboratory.

No laboratory data packages or QC summaries were available for review for July groundwater samples. As such, a complete assessment of QC for these samples is not possible. Data for which no QC are available should be used with caution.

1.3 KALISPELL POLE AND TIMBER FACILITY DATA SUMMARY

The following sections describe the data summary for data collection events at the KPT facility.

1.3.1 Site Investigation KPT and Reliance Facilities — 1988

In 1988, MSE, Inc., collected soil and groundwater samples that were analyzed by Enseco Laboratory for a short list of SVOCs by the EPA CLP method. Analytical data available for review include SVOC results for seven groundwater samples, six soil samples, and one sludge sample. The data package available for review consists of results forms only. Based on review of the reported results only, the reporting limits appear to be elevated as a result of dilutions and may not be useful for comparison to risk-based screening levels. The laboratory reported some results as estimated (J) because the results are greater than the detection limit but lower than the required reporting limit. These qualified data are usable, but should be considered estimated. However, MSE summarized the laboratory QC findings in the report. The report indicates that field blanks contained trace concentrations of metals, methylene chloride, and one dioxin isomer. The report indicates that these are as expected and do not cause data to be questioned. The laboratory QC samples were also reviewed by MSE. The report indicates that no problems were encountered during analysis of VOCs in waters; however, issues related to surrogate recoveries and internal standard responses for VOCs in soil were identified. As such, VOC results for SS-1, SS-2, SS-5, and SS-6 should be considered estimated. Matrix affects were apparent in the SVOC analysis of samples GW-2, GW-4, and GW-7. As such, SVOC results for these wells should be considered estimated. Dilutions were required for SVOC analysis, but did not adversely affect data. Dilutions cause elevated reporting limits. Dioxin/furan results for water samples were acceptable. The reported indicated that the reporting limits for dioxin/furans were unrealistic and should be reported in the units of micrograms per liter instead of nanograms per liter. Results for dioxin/furans for samples SS-6 and SL-1 should be used with caution, since false negatives are possible. Metals results were generally acceptable with no serious issues. Additional QC data are available for review in the DEQ archives, but were not reviewed. Data should be used and reported with all appended qualifiers.

1.3.2 Final Phase II for KPT and Yale Oil Facilities - 1989

In December 1989, MSE collected groundwater samples that were analyzed by Enseco Laboratory for a full list of SVOCs by the EPA CLP method. Analytical data available for review include SVOC results for six groundwater samples. The data package available for review consists of results forms only. The

laboratory reported some results as estimated (J) because the results are greater than the detection limit, but lower than the required reporting limit. Values for PCP were initially over the instrument calibration range and were qualified as estimated with an "E" qualifier. However, they were re-analyzed at appropriate dilutions and are acceptable as reported in the dilution. These qualified data are usable, but should be considered estimated. In addition, the laboratory reported tentatively identified compounds (TIC) to attempt to identify other compounds that were not on the target compound list. All data for TICs were qualified as estimated (J) and some have also been detected in the blank (B). If the TIC was also found in the blank (qualified with "B"), then the result should be considered a laboratory artifact and not a site-related chemical. Associated QC data are available for in the DEQ archives; however, they were not reviewed. Without further assessment, data should be used and reported with all appended qualifiers.

According to chain-of-custody forms available, it appears that the following data were also collected, but were not reviewed:

- VOCs for the six groundwater samples mentioned in the paragraph above
- TPH for one soil and two sludge samples
- SVOCs for two sludge samples and two additional groundwater samples (not mentioned above)

Data that are not summarized here should be reviewed before they are included in subsequent reports.

1.3.3 Sampling and Analysis for KPT Site - 1991

In June 1991, MSE collected groundwater samples that were analyzed by Enseco Laboratory for a short list of SVOCs (phenolic compounds and PAH) by the EPA CLP method. Analytical data available for review include results for phenols and PAH in 17 groundwater samples. The data package available for review consists of results forms only. The laboratory reported some results as estimated (J) because the results are greater than the detection limit, but lower than the required reporting limit. Values for PCP were initially over the instrument calibration range and qualified as estimated with an "E" qualifier. However, they were re-analyzed at appropriate dilutions and are acceptable as reported in the dilution (qualified as "D"). These qualified data are usable, but should be considered estimated. Associated QC data are available for review in the DEQ archives; however, they were not reviewed. Without further assessment, data should be used and reported with all appended qualifiers.

1.3.4 Preliminary Extent of Soil Contamination and Hydrogeological Investigation – 1991

In July, August, and September 1991, Roy F. Weston (Weston) collected samples of soil and groundwater. The following types of samples were collected and analyzed for the methods listed:

- July 1991 – 17 soil samples were analyzed for PCP and PAH by Remedial Engineering Analytical Contract (REAC) laboratory
- August and September 1991 – 16 groundwater samples were analyzed for VOCs and PCP and PAH by ETC Laboratory; five groundwater and two soil extracts were analyzed for PCP and PAH by REAC laboratory
- September 1991 – 111 soil and eight soil extract samples were analyzed for PCP/PAH by REAC laboratory; four soil samples were analyzed for TCLP PCP and SVOCs by Triangle Laboratory; and three soil samples were analyzed for metals by Triangle Laboratory
- September 1991 – eight soil and two wipe samples were analyzed for polychlorinated dioxins and furans (EPA Method 8290) by Triangle Laboratory; seven soil samples were analyzed for TPH (EPA 418.1) and three soil samples were analyzed for metals (EPA Methods 6010 and 7000) by Enseco.

The full data packages were not available for review; however, full validation was conducted by EPA contractors on all data in this investigation. The data validation summary reports are available for review. Each laboratory analyzed performance evaluation (PE) samples for the parameters requested. Holding times were met. All PE results were acceptable. Method blanks were analyzed, and no detectable analytes were reported. Surrogate recoveries (for organic analysis) were acceptable. MS and MSD recoveries were acceptable. The laboratory reported some results as estimated (J) because the results are greater than the detection limit, but lower than the required reporting limit. Values for PCP were initially over the instrument calibration range (qualified “E”); however, they were re-analyzed at appropriate dilutions and are acceptable as reported in the dilution. Data for dioxins and furans were qualified as estimated (E) because of the potential for interference and as estimated (PR) because of poorly resolved chromatographic peaks. Qualified data listed above are usable, but should be considered estimated.

In addition, the laboratory reported TICs to attempt to identify other compounds that are not on the target compound list. All TIC data and qualified as estimated (J) and some have also been detected in the blank (B). If the TIC was also found in the blank (qualified with “B”), then the result should be considered a laboratory artifact and not a site-related chemical.

Triangle Laboratory also reported several results for furan isomers for one sample as rejected (R) because the internal standard response was inadequate to produce an accurate concentration value for the denoted

compounds. Rejected data are not usable and should be excluded from consideration in future investigations.

Since a full validation was conducted on these data, the results (that were not specifically rejected) should be considered usable for all intended purposes and reported with the appended qualifier. Accuracy and precision were generally acceptable, with the exceptions noted above. Rejected data are not usable.

1.3.5 Burlington Northern Railroad Site Investigation KPT – 1994-95

Samples of groundwater and soil samples were collected during this investigation by Remediation Technologies, Inc. (RETEC), between October 1994 and March 1995. The results and quality are summarized below.

In October 1994, 11 soils samples were collected and analyzed for SVOCs by EPA Method 8270 at Analytical Resources, Inc., and two soil samples were analyzed for dioxins and furans by EPA Method 8290 at Huntingdon Engineering and Environmental, Inc. Analytical data available for review include all results for all samples for SVOCs and dioxins and furans. The data package available for review consists of results forms and accompanying QC summaries. The laboratory reported some results as estimated (Y) because the reporting limit is elevated as a result of dilutions. The laboratory also reported some results as estimated (M) because of matrix interference that may cause the result to be less accurate. These qualified data are usable, but should be considered estimated. The surrogate, MS, MSD, and LCS recoveries are acceptable. Instrument tuning criteria, initial calibration criteria, and holding times are met. Results qualified as estimated (J) for the reasons described above are acceptable as qualified.

In November 1994, RETEC collected 11 groundwater samples that were analyzed by Analytical Resources, Inc., for VOCs by EPA Method 8240, SVOCs by EPA Method 8270, and PCP by EPA Method 8040. Analytical data available for review include all results for 11 groundwater samples for VOCs, SVOCs, and PCP. The data package available for review consists of results forms and accompanying QC summaries. The laboratory reported some results as estimated (J) because the results are greater than the detection limit, but lower than the required reporting limit. These qualified data are usable, but should be considered estimated. The surrogate, MS, MSD, and LCS recoveries are acceptable. Instrument tuning criteria, initial calibration criteria, and holding times are met. Laboratory method blanks contained acetone and siloxane derivatives that were also detected in samples (qualified as J and B). Any result in this dataset that is qualified as estimated because of blank contamination (JB)

should be considered a laboratory artifact and not a site-related chemical. Results qualified as estimated (J) for the reasons mentioned above are acceptable as qualified.

The response for acrolein in the continuing calibration blank is very low and caused a potential false positive in sample KPT-3. As such, the result for acrolein in sample KPT-3 should be considered unusable and qualified as rejected (R). Based on review of the QC data, all results are valid and acceptable as qualified; except for the result for acrolein in sample KPT-3 as described.

In March 1995, RETEC collected six groundwater samples that were analyzed by Analytical Resources, Inc., for PCP by EPA Method 8040. The data package available for review consists of results forms and accompanying QC summaries. The laboratory reported one result as estimated (Y) because the reporting limit was elevated as a result of matrix interference. In addition, dilutions were required because the results for PCP were greater than the instrument calibration limit. These qualified data are usable, but should be considered estimated. The surrogate, MS, MSD, and LCS recoveries are acceptable.

Accuracy and precision were generally acceptable, with the exceptions noted above. Rejected data are not usable.

1.3.6 Site Investigation Report KPT – 1995

In December 1995, DEQ collected one soil sample from an area where Klingler Lumber intended to construct a building. The sample was analyzed by Energy for phenols by EPA Method 8270. Analytical data available for review include the results form for phenol and the method blank. The method blank contained no detectable phenols. No other associated QC data are available for review; therefore, data quality cannot be assessed at this time. Without further assessment, data should be used with caution.

1.3.7 Supplemental Remedial Investigation KPT - 1996

From September 1996 to August 1997, RETEC conducted a supplemental RI at the KPT facility. RETEC collected 15 soil samples that were analyzed for the tests listed in the paragraphs below. Concurrently, groundwater samples were collected in new and existing wells.

In September 1996, RETEC collected 11 groundwater monitoring well samples and one residential well sample that were analyzed by Analytical Resources, Inc., for phenols by EPA Method 8040 modified. Three of the samples were also analyzed for chloride by EPA Method 325.2. Surrogate recoveries,

laboratory method blanks, and LCS recoveries were reported as acceptable. The laboratory qualified the results as estimated because of saturation of the detected compound (S), reporting results below the required reporting limit (J), and elevated reporting limits from matrix interference. These qualified data are usable, but should be considered estimated.

Also in September 1996, RETEC collected 15 test pit soil samples and four additional soil samples that were analyzed by Analytical Resources, Inc., for chlorinated phenols by EPA Method 8040 modified. The review package consists of results forms, MS, MSD, blank, and LCS QC summaries. No analytes were detected in the blanks, and all recoveries and duplicate precision are acceptable. . The laboratory qualified results as estimated because of saturation of the detected compounds (S), reporting results below the required reporting limit (J), and elevated reporting limits from matrix interference. These qualified data are usable, but should be considered estimated.

In September 1996, DEQ collected two split soil test pit samples, two split soil grid samples, two split groundwater samples, and one residential water sample alongside RETEC during the groundwater sampling event. The split samples were analyzed for the following suite:

- Test pit soil samples for phenols by EPA Method 8270 and TPH/DRO by EPA Method 8015 modified
- Soil samples for TPH-DRO by EPA Method 8015 modified
- Groundwater monitoring well samples for TPH-DRO by EPA Method 8015 modified and chlorinated herbicides (including PCP) by EPA Method 515.1
- Residential drinking water well sample for TPH-DRO by EPA Method 8015 modified and chlorinated herbicides (including PCP) by EPA Method 515.1

Energy analyzed the samples. The data package for the split sample consists of results forms and the method blank, LCS, LCSD, and calibration check summaries. No compounds were detected in the blank. All recoveries for the LCSs and calibration check were acceptable; as were the RPDs for the LCS/LCSD values. Based on this review, the results for the split samples are acceptable and usable without qualification.

In November 1996, RETEC collected five soil samples that were analyzed by Analytical Resources, Inc. Two samples were analyzed for PCP, and three samples were analyzed for chlorophenols by EPA Method 8040 modified. The review package consists of results forms, MS, MSD, blank, and LCS QC summaries.

No analytes were detected in the blanks, and all recoveries and duplicate precision are acceptable. The laboratory qualified the results as estimated because results were below the required reporting limit (J). These qualified data are usable, but should be considered estimated.

In December 1996, RETEC collected 15 groundwater monitoring well samples and one residential well sample that were analyzed by Analytical Resources, Inc., for phenols by EPA Method 8040 modified. Three of the samples were also analyzed for chloride by EPA Method 325.2. Surrogate recoveries, laboratory method blanks, and LCS recoveries were reported as acceptable. The laboratory qualified the results as estimated because of saturation of the detected compounds (S), reporting results below the required reporting limit (J), and elevated reporting limits from matrix interference. These qualified data are usable, but should be considered estimated.

In December 1996, DEQ collected one split groundwater sample alongside RETEC during the groundwater sampling event. The split sample was analyzed for chlorinated herbicides (including PCP) by EPA Method 515.1. The sample was analyzed by Energy. The data package for the split sample consists of results forms and the method blank, LCS, and LCS duplicate summary. No compounds were detected in the blank, and all recoveries and RPDs for the LCS/LCSD are acceptable. Based on this review, the results for the split sample are acceptable and usable without qualification. Accuracy and precision were acceptable.

1.3.8 Air Sparging Interim Measure for KPT Site- 1996

Between September 1996 and June 1997, RETEC collected groundwater samples that were analyzed by Energy for TPH/DRO and by Analytical Resources, Inc., for chlorinated phenols (specifically pentachlorophenol [PCP]) by EPA Method 8040 modified and anions by EPA Method 325.2, 353.2, and 365.2. This work appears to be part of a treatability study for the removal of organic compounds in groundwater.

The data packages available for review consist of results forms and QC summaries for the analysis of chlorinated phenols and TPH-DRO. The laboratory method blank contained no detectable phenols or TPH/DRO, and recoveries and RPDs were acceptable for the blank spike and blank spike duplicate. Accuracy and precision are acceptable for the analysis of phenols and TPH/DRO.

Review packages for chlorinate phenols and chloride consists of results forms, MS, MSD, blank, and LCS QC summaries. No analytes were detected in the blanks, and all recoveries and duplicate precision are acceptable. The laboratory qualified the results as estimated because of saturation of the detected compound (S), reporting results below the required reporting limit (J), and elevated reporting limits from matrix interference (Y). These qualified data are usable, but should be considered estimated.

1.3.9 Site-wide Groundwater Sampling KPT Site – 1997 and 1998

In August 1997, RETEC collected 17 groundwater samples that were analyzed by Analytical Resources, Inc., for chlorinated phenols by EPA Method 8040 modified and chloride by EPA Method 325.2. In addition, six groundwater samples were analyzed for VOCs by EPA Method 8260, and 11 groundwater samples were analyzed for TPH/DRO by the Montana Method (comparable to EPA Method 8015 modified). A trip blank was collected and analyzed for VOCs, and no compounds were detected. Review packages for chlorinate phenols, chloride, VOCs, and TPH/DRO consists of results forms, MS, MSD, blank, and LCS QC summaries. No analytes were detected in the blanks, and all recoveries and duplicate precision are acceptable. The laboratory qualified the results as estimated because of saturation of the detected compound (S), reporting results below the required reporting limit (J), and elevated reporting limits from matrix interference (Y). These qualified data are usable, but should be considered estimated.

In August 1998, RETEC collected 30 groundwater samples that were analyzed by Analytical Resources, Inc., for chlorinated phenols by EPA Method 8040 modified. Five of the 30 groundwater samples were also analyzed for chloride by EPA Method 325.2. Field blanks were collected and analyzed for phenols, and none were detected. Review packages for chlorinate phenols and chloride consist of results forms, MS, MSD, blank, and LCS QC summaries. No analytes were detected in the blanks, and all recoveries and duplicate precision are acceptable. The laboratory qualified the results as estimated because of saturation of the detected compounds (S), reporting results below the required reporting limit (J), and elevated reporting limits from matrix interference (Y). These qualified data are usable, but should be considered estimated. Accuracy and precision were generally acceptable, with the exceptions noted above.

1.3.10 PCP Hot Spot Removal KPT Site – 1998

Between June and August 1998, RETEC collected 64 surface soil samples that were analyzed by Analytical Resources, Inc., for PCP by EPA Method 8040 modified. Review packages for PCP consist of

results forms, MS, MSD, blank, and LCS QC summaries. No analytes were detected in the blanks. Matrix spike recoveries were low; however, the sample concentration was greater than 5 times the spike added, so the recoveries are evaluated. The laboratory qualified the results as estimated because of saturation of the detected compounds (S), reporting results below the required reporting limit (J), and elevated reporting limits from matrix interference (Y). These qualified data are usable, but should be considered estimated. Accuracy and precision were generally acceptable, with the exceptions noted above.

1.3.11 Residential Well Sampling KPT and Reliance Facilities – 1992-1997

In January 1992, DEQ collected five residential well samples that were analyzed by the Montana Department of Health and Environmental Sciences (MDHES) laboratory for SVOCs (including PCP) by EPA Method 625. In addition, one of the five samples was also analyzed for VOCs by EPA Method 524.2 and for TPH by EPA Method 418.1. The review package included only the reported results and surrogate recoveries. No associated QC data are available for review; therefore, data quality cannot be assessed at this time. Without further assessment, data should be used with caution.

In August 1992, DEQ collected six residential well samples that were analyzed by the MDHES laboratory for SVOCs (including PCP) by EPA Method 625 and VOCs by EPA Method 524.2. In addition, all six samples were analyzed by Energy for TPH by EPA Method 418.1. The review package included only the reported results and surrogate recoveries. No associated QC data are available for review; therefore, data quality cannot be assessed at this time. Without further assessment, data should be used with caution.

In February 1993, DEQ collected three residential drinking water samples that were analyzed by the MDHES laboratory for chlorinated herbicides (including PCP) by EPA Method 515.1 and for synthetic organic compounds (including some SVOCs and pesticides) by EPA Method 525.1. Review packages consist of results forms and surrogate, MS, and blank QC summaries. No analytes were detected in the blanks. MS and surrogate recoveries were acceptable. Note that bis(2-ethylhexyl)phthalate is a common laboratory contaminant and was detected in some residential samples. It is possible that these trace concentrations are laboratory artifacts and not a site-related chemical; however, no qualification was required since it was not detected in the associated blanks. All data are acceptable and usable as reported.

In December 1993, DEQ collected four residential drinking water samples that were analyzed by the MDHES laboratory for SVOCs by EPA Method 525.1. Review packages consist of results forms and

surrogate, MS, calibration, instrument tuning, and blank QC summaries. No analytes were detected in the blanks. All other reported QC criteria were met. Note that bis(2-ethylhexyl)phthalate is a common laboratory contaminant and was detected in some residential samples. It is possible that these trace concentrations are laboratory artifacts and not site-related chemicals; however, no qualification was required since it was not detected in the associated blanks. All data are acceptable and usable as reported.

In November 1994, DEQ collected two residential drinking water samples that were analyzed by Energy for SVOCs by EPA Method 625 and for VOCs by EPA Method 524.2. Review packages consist of results forms and surrogate, LCS, and blank QC summaries. The common laboratory contaminant, bis(2-ethylhexyl)phthalate, was detected in the associated SVOC blank. All other QC criteria reported were met. Since it is possible that trace concentrations of bis(2-ethylhexyl)phthalate are laboratory artifacts and not a site-related chemical, the results should be considered undetected. All data are acceptable and usable as reported.

In January 1995, DEQ collected one residential drinking water sample that was analyzed by the MDHES laboratory for SVOCs by EPA Method 625 and VOCs by EPA Method 624; two additional residential well samples were analyzed by Huntingdon for SVOCs by EPA Method 625. Review packages consist of results forms and surrogate, calibration, and blank QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. Note that butylbenzylphthalate is a common laboratory contaminant and was detected in the residential sample. It is possible that this trace concentration is a laboratory artifact and not a site-related chemical; however, since it was not detected in the associated blanks, no qualification was required. All data are acceptable and usable as reported.

In July 1995, DEQ collected three residential drinking water samples that were analyzed by Energy for VOCs by EPA Method 624 and for chlorinated herbicides by EPA Method 515.1; one groundwater well sample was analyzed by Energy for VOCs by EPA Method 624. Review packages consist of results forms and surrogate, LCS, and blank QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and usable as reported.

In May and June 1996, DEQ collected three residential drinking water samples that were analyzed by Energy for TPH/DRO by EPA Method 8015 modified, chlorinated herbicides (including PCP) by EPA Method 515.1, VOCs by EPA Method 524.2, SVOCs by EPA Method 625, and VOCs by EPA Method 624. Review packages consist of results forms and surrogate, calibration, and blank QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and

usable as reported. The Rask residential well was sampled on May 10, 1996. The sample was analyzed for DRO, chlorinated acids (including PCP), and VOCs by Energy Lab. The data package includes a QC summary along with the sample results. Surrogate recoveries and methods blanks were reported for all three analyses and were within QC limits. In addition, LCS recoveries were reported and within QC limits for DRO and chlorinated acids. As such, the results are acceptable and usable.

In September 1996, DEQ collected two groundwater well samples and one residential drinking water sample that were analyzed by Energy for TPH/DRO by EPA Method 8015 modified and for chlorinated herbicides (including PCP) by EPA Method 515.1. Review packages consist of results forms and surrogate, calibration, and blank QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and usable as reported.

In January 1997, DEQ collected three residential drinking water samples that were analyzed by Energy for TPH/DRO by EPA Method 8015 modified and for chlorinated herbicides (including PCP) by EPA Method 515.1. Review packages consist of results forms and surrogate, calibration, and blank QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and usable as reported.

In March 1997, DEQ collected one residential drinking water sample that was analyzed by Energy for TPH/DRO by EPA Method 8015 modified and for chlorinated herbicides (including PCP) by EPA Method 515.1. Review packages consist of results forms and surrogate, calibration, and blank QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and usable as reported.

In August 1997, two groundwater well samples and two residential drinking water samples were collected by DEQ and analyzed by Energy. All four samples were analyzed for TPH/DRO by EPA Method 8015 modified, and three samples were analyzed for chlorinated herbicides (including PCP) by EPA Method 515.1. Review packages consist of results forms and surrogate, calibration, and blank QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and usable as reported.

In February 1998, DEQ collected one groundwater sample that was analyzed by Energy for total lead by EPA Method 200.8. In addition, DEQ collected three residential drinking water samples that were analyzed by Energy for TPH/DRO by EPA Method 8015 modified and for chlorinated herbicides

(including PCP) by EPA Method 515.1. Review package consists of the results form and blank, MS and MD QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and usable as reported.

In April 1998, DEQ collected one residential drinking water sample that was analyzed by Energy for TPH/DRO by EPA Method 8015 modified and for chlorinated herbicides (including PCP) by EPA Method 515.1. Review package consists of the results form and blank, MS and MD QC summaries. No analytes were detected in the blanks. All other QC criteria reported were met. All data are acceptable and usable as reported.

Accuracy and precision were acceptable and data are usable for data collected during the sampling events above where QC data were reviewed.

1.3.12 Groundwater Monitoring KPT and Reliance Facilities – 1999-2004

Since February 1999, groundwater data collection events have been conducted and reported by RETEC. Groundwater monitoring events occurred February 1999, July 2001, August 2002, April 2003, October 2003, April 2004, and October 2004. Tabulated results and QC summaries, including surrogate recoveries, calibration verifications, method blanks, LCSs, and MSs are available from each of these events. Findings are summarized as follows:

- February 1999 – Samples were analyzed for TPH-extractables, TPH-purgeables, chloride, and PCP. QC results are generally acceptable with no serious issues. Some PCP results were qualified because the reported result exceeded the instrument calibration curve (E) or the response saturated the instrument detector (S) and was unreportable. Unreportable data are considered rejected, while qualified data should be considered estimated.

- July 2001 – Samples were analyzed for SVOCs, TPH-extractables, TPH-purgeables, chloride, PCP, BTEX, MTBE, and dioxins/furans. Some results were qualified because of blank contamination, poor surrogate recoveries, and dilutions. Dioxin/furan data were qualified because of possible interference from other isomers, an elevated signal-to-noise ratio. The data are acceptable, but should be reported with the laboratory qualifiers. Qualified data should be considered estimated.

- August 2002 – Samples were analyzed for SVOCs, TPH-extractables, TPH-purgeables, chloride, PCP, BTEX, MTBE, and dioxins/furans by Pace. QC summaries were reviewed. Generally, QC criteria were met. However, some results were qualified by the laboratory because surrogate and MS recoveries were outside the QC limits and some typical poor-performing compounds had issues related to calibration verifications. As such, data should be used as reported with the assigned laboratory qualifier. Qualified data should be considered estimated.

- April 2003 – Samples were analyzed for TPH-extractables, SVOCs, and PCP. QC are generally acceptable with no serious issues. Some results were qualified because of blank contamination, poor surrogate recoveries, and dilutions. The data are acceptable, but should be reported with the laboratory qualifiers. Qualified data should be considered estimated.

- October 2003 – Samples were analyzed for TPH-extractables, SVOCs, PCP, and dioxins/furans. QC results are generally acceptable with no serious issues. Some results were qualified because of poor surrogate recoveries, and dilutions. Dioxin/furan data were qualified because of possible interference from other isomers, an elevated signal-to-noise ratio. The data are acceptable, but should be reported with the laboratory qualifiers. Qualified data should be considered estimated.

- April 2004 – Samples were analyzed for TPH-extractables, SVOCs, PCP, and dioxins/furans. QC results are generally acceptable with no serious issues. Some results were qualified because of poor surrogate recoveries, and dilutions. Dioxin/furan data were qualified because of possible interference from other isomers, an elevated signal-to-noise ratio. The data are acceptable, but should be reported with the laboratory qualifiers. Qualified data should be considered estimated.

- October 2004 – Samples were analyzed for TPH-extractables, SVOCs, PCP, and dioxins/furans. QC results are generally acceptable with no serious issues. Some results were qualified because of poor surrogate recoveries, and dilutions. Dioxin/furan data were qualified because of possible interference from other isomers, an elevated signal-to-noise ratio. The data are acceptable, but should be reported with the laboratory qualifiers. Qualified data should be considered estimated.

- April 2005 – Samples were analyzed for TPH-extractables, SVOCs, PCP, and dioxins/furans. QC results are generally acceptable with no serious issues. Some results were qualified because of poor surrogate recoveries, blank contamination, and dilutions. PCP results were qualified as estimated because the difference between duplicate column results exceeded the QC limit. A very few SVOC results were also qualified because of poor LCS recoveries. Dioxin/furan data were qualified because of possible interference from other isomers, an elevated signal-to-noise ratio. The data are acceptable, but should be reported with the laboratory qualifiers. Qualified data should be considered estimated.

1.4 WAL-MART WITH SEAMAN AND LARSEN PROPERTIES

Several small investigations were reported from properties adjacent to Wal-Mart; including the Seaman and Larsen properties. These investigations are summarized in the following sections.

1.4.1 Wal-Mart/Seaman Investigations

In 1991 and 1992, Phase I, II, and III site assessments were conducted on the Seaman/Wal-Mart property. The Phase I has no available data for review. Analytical data are available for Phase II and III site

assessments. During the Phase II, four soil and four groundwater samples (including one residential sample) were analyzed for SVOCs by EPA Method 8270 and TPH by EPA Method 418.1 by Energy. No QC data were reported for the TPH results. Surrogates, method blank, and matrix spike results were reported for analysis of SVOCs. All QC results were acceptable. Data were qualified as estimated (J) when the reported result was greater than the detection limit, but less than the reporting limit.

During the Phase III, soil samples were analyzed by Laucks Testing Laboratories, Inc., for TPH-purgeables (gasoline), TPH-extractables (diesel and motor oil), VOCs, and SVOCs. Gasoline data for these samples should be used with caution, as the laboratory indicated that there is a possibility for biased high results due to a matrix interference caused by the surrogate compound (trifluorotoluene). The laboratory indicates potential matrix interference during SVOC analysis. These data should be used with caution and reported with the laboratory-assigned qualifiers. Dilutions were required for several compounds. The reporting limits for these compounds may be elevated due to the dilution.

A geotechnical investigation also conducted in 1991 did not have any analytical data to review. As such, no review was conducted.

1.4.2 Wal-Mart/Larsen Investigations

In 1993, a groundwater investigation was conducted on the Larsen property. Laucks Laboratory analyzed groundwater samples for TPH/GRO and BTEX by EPA Method 8015 modified. No associated QC results were reported with the data. As such, therefore, data quality cannot be assessed at this time. Without further assessment, data should be used with caution.

1.4.3 Wal-Mart Property Remedial Action Report (Jefferson Center) - 1995

In 1995, a remedial action report was prepared on the Jefferson Center in Kalispell, Montana. Soil, samples were collected and analyzed for metals, VOCs, and TPH-extractables by Energy. Generally, method blanks, surrogate recoveries, and MS recoveries were acceptable. As such, soil data can be used as reported. Groundwater samples were collected and analyzed for BTEX and TPH-purgeables. Method blanks, surrogate recoveries, and LCS recoveries were acceptable. As such, data can be used as reported. In addition, soil confirmation samples were collected and analyzed for TPH-extractables by Anatek Labs. Only surrogate recoveries were summarized for the confirmatory samples. As such, data should be used with caution, since other QC data were not available for review.

In conjunction, Tetra Tech collected air monitoring of the sparging system during operation of the remediation system. Air and water samples were analyzed for TPH-purgeables, TPH-extractables by Energy. Sample data also included blank results and surrogate recoveries; which were acceptable. Data are considered acceptable.

1.5 SITE INVESTIGATION ROCKY MOUNTAIN MARINE - 2005

A site investigation was conducted at Rocky Mountain Marine to document soil conditions. Soil and groundwater samples were collected an analyzed for TPH-extractables by Northern Analytical Laboratories, Inc. Only sample results and surrogate recoveries were reported. Without additional QC summaries, a QC review was not completed. The results should be used with caution pending the review of additional QC data.

2.0 OVERALL QUALITY REVIEW

This section summarizes the quality findings and specifically discusses accuracy, precision, overall quality, and usability of the data included in this data summary report.

2.1 ACCURACY

Accuracy is the degree to which a measurement agrees with its true value and is expressed as percent recovery. Accuracy is assessed by comparing MS, LCS, surrogate recoveries, and calibration check standards with QC limits. QC limits can be established either through the data quality objective process, or from historical laboratory data. Since data quality objectives (DQOs) were not available for the data collection events summarized in this report, historical laboratory data were used as evaluation criteria. Additionally, contract-required QC limits (as required for the EPA CLP program) were used when applicable.

Generally, recoveries for MS, LCS, surrogates, and calibration standards were with acceptable limits. When QC limits were exceeded, either the laboratory or the data reviewer assigned data qualifiers to indicate the usefulness of the result. No additional qualifiers were assigned based on the review undertaken for this work assignment; however, recommendations on usability were discussed in the specific sections for each investigation.

The only rejected data specifically identified in this report were rejected based on accuracy issues related to matrix spike recoveries and external and internal calibration standard responses. These data identified in Sections 2.1.2, 2.3.4, and 2.3.5 should not be used for any purpose because there is considerable uncertainty as to the identification and quantitation of the sample result.

2.2 PRECISION

Precision is the measure of the variability associated with an entire sampling and analysis process. It is the comparison among independent measurements as the result of repeated application of the same process under similar conditions. It is measured by analyzing field duplicate pairs, MSD pairs, and laboratory duplicate pairs. Precision is expressed as the RPD of a pair of values (or results). QC limits can be established either through the data quality objective process or from historical laboratory data. Historical laboratory data were used as evaluation criteria since DQOs were not available for the data collection events summarized in this report. Additionally, contract-required QC limits (as required for the EPA CLP program) were used when applicable.

Field duplicate pairs, if collected, were not identified. As such, field precision was not evaluated. Laboratory precision was assessed through MS and MSD pairs. Generally, recoveries for MS, LCS, surrogates, and calibration standards were with acceptable limits. When QC limits were exceeded, either the laboratory or the data reviewer assigned data qualifiers to indicate the usefulness of the result. No additional qualifiers were assigned based on the review undertaken for this work assignment; however, recommendations on usability were discussed in the specific section for each investigation. No data were rejected based on field or laboratory duplicate precision.

2.3 OVERALL QUALITY AND USABILITY RECOMMENDATIONS

Overall quality can be assessed based only on results that were reviewed against some QC measurement criterion. No QC data were associated with much of the data included in this summary, or at best, information was limited. However, where QC summaries or data validation reports were available, data were found to be in sufficient quality for use in further characterization of site matrices and support of risk assessment. EPA guidance and DQOs should be used to evaluate whether the quality and quantity are sufficient to support conclusions for use in risk assessment.

EPA has established the following guidelines for data usability:

- Rejected data cannot be used for further characterization or risk assessment evaluations
- Data that have not been reviewed (for which there is no available QC or supporting analytical data) can be used qualitatively, but should be supported with validated data
- Data with full validation (that is not rejected) can be used both qualitatively and quantitatively for all intended purposes
- Data with partial validation or review (where selected results and QC data are validated) may be used to improve efficiency in the overall project decision-making; provided that critical samples or critical analytes are reviewed.

The review process that was conducted on results in this summary included all four types of data.

Rejected data cannot be used and include the following:

- Results for 2-butanone, 2-chloroethylvinyl ether, and vinyl acetate obtained from the 1986 Yale Oil Site Report of Sampling Activities (Section 2.1.2)
- Results for antimony, arsenic, cadmium, lead, mercury, selenium, and thallium samples obtained from the 1986 Reliance site investigation (Section 2.2.2)
- Several dioxin and furan isomers for one sample from the 1991 Preliminary Extent of Soil Contamination and Hydrogeological Investigation (Section 2.3.4)
- Acrolein result for one sample from the 1994-95 Burlington Northern Railroad Site Investigation (Section 2.3.5)

Rejected data were identified in Sections 2.1.2, 2.2.2, 2.3.4, and 2.3.5 and should not be used any further. Where little or no laboratory QC data are available, data fit the category of data with no review. When outside validation reports were available, data fit the category of full validated sample results and are usable to support qualitative and quantitative decisions. When QC summaries alone were available and reviewed, data fit the category of partial validation (although critical analytes or critical samples should undergo a more thorough validation).

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Appendix D - Groundwater Data
Dioxin and Furan

STATION	GW-1	GW-1	GW-1	GW-2	GW-2	GW-5	GW-5	GW-5	GW-5	GW-5
SAMPLE	GW-1	GW-1	KPP-GW-1	KPP-GW-2	KPP-GW-4 DUP	GW-5	GW-5	GW-5	GW-5	GW-5
DATE	8/6/2002	7/9/2001	11/17/1988	11/15/1988	11/17/1988	8/6/2002	10/1/2003	4/7/2004	10/19/2004	7/9/2001
UNITS	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L
1,2,3,4,6,7,8,9-OCDD	**11000**	**2270**	**670**	**310**	**300**	**3800**	**38000**	**13000A**	**57000**	**4370**
1,2,3,4,6,7,8,9-OCDF	**410**	**99**	36U	30U	18U	**170**	**1500**	**600A**	**2000**	**259**
1,2,3,4,6,7,8-HPCDD	**1500**	**415**				**440**	**4500**	**1400A**	**8200A**	**758**
1,2,3,4,6,7,8-HPCDF	**120**	**34.2**				**53**	**510**	**160A**	**820**	**74.1**
1,2,3,4,7,8,9-HPCDF	10U	**6.1**				10U	100U	38UA	**48J**	11.7U
1,2,3,4,7,8-HXCDD	10U	2.9U				10U	100U	16UA	**79**	10.7U
1,2,3,4,7,8-HXCDF	**15J**	**5.4J**				10U	100U	**20JA**	**140E**	6.6U
1,2,3,6,7,8-HXCDD	**99**	**17.2J**				**29J**	**240J**	**77A**	**510**	**40.6J**
1,2,3,6,7,8-HXCDF	10U	**2.7**				10U	**16E**	17UA	**24J**	7.1U
1,2,3,7,8,9-HXCDD	10U	2.8U				10U	100U	16UA	**36J**	10.4U
1,2,3,7,8,9-HXCDF	**14J**	2.3U				10U	100U	18UA	**47J**	6.5U
1,2,3,7,8-PECDD	10U	3.6U				10U	100U	23UA	10U	12.6U
1,2,3,7,8-PECDF	**84EJ**	3.1U				**30EJ**	100U	**64EA**	**34J**	10.9U
2,3,4,6,7,8-HXCDF	**13J**	1.9U				10U	100U	17UA	**62**	6.9U
2,3,4,7,8-PECDF	10U	3U				10U	100U	22UA	**57**	10.5U
2,3,7,8-TCDD	2.1U	3.5U				2.1U	33UA	10UA	8.2U,A	8.1U
2,3,7,8-TCDF	2.1U	2.1U				2.8UA	45UA	13UA	**14A**	6.3U
EPA TEF	**42.205**	**11.1605**				**18.57**	**172.45**	**49.79**	**218.68**	**25.262**
WHO TEF	**44.705**	**12.0605**				**21.07**	**197.45**	**55.54**	**221.18**	**28.412**

Appendix D - Groundwater Data
Dioxin and Furan

STATION	GWRR-1	GWRR-1	GWRR-1	GWRR-1	GWRR-2	GWRR-2	GWRR-3	GWRR-3	GWRR-3
SAMPLE	KPP-GW-7	GWRR-1	GWRR-1	GWRR-1 dUplicate	GWRR-2	KPP-GW-6	GWRR-3 DUplicate	GWRR-3	GWRR-3
DATE	11/17/1988	7/2/2002	10/1/2002	10/1/2002	7/10/2001	11/17/1988	7/2/2002	7/2/2002	10/1/2002
UNITS	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L
1,2,3,4,6,7,8,9-OCDD	**820**	**1100**	**6400A**	**4800A**	**5500**	**1500**	**1100**	**1900**	**3700**
1,2,3,4,6,7,8,9-OCDF	170U	20U A	**330I A**	**180AJ**	**259**	180U	**70J**	**93J**	**140I**
1,2,3,4,6,7,8-HPCDD		**160AJ**	**1400A**	**790A**	**824**		**150**	**260**	**440**
1,2,3,4,6,7,8-HPCDF		10U	**220J**	**85J**	**91.9**		**37J**	**29J**	**48J**
1,2,3,4,7,8,9-HPCDF		10U	80U A	26U A	36.4U		10U	10U	10U
1,2,3,4,7,8-HXCDD		10U	50U	21U A	36.1U		10U	10U	10U
1,2,3,4,7,8-HXCDF		10U	50U	20U	23.9U		10U	10U	**12J**
1,2,3,6,7,8-HXCDD		10U	**120J**	**67J**	35.7U		10U	**17J**	**28J**
1,2,3,6,7,8-HXCDF		10U	50U	20U	23.4U		10U	10U	10U
1,2,3,7,8,9-HXCDD		10U	**51J**	**28J**	34.5U		10U	10U	10U
1,2,3,7,8,9-HXCDF		10U	50U	20U	28.6U		10U	10U	10U
1,2,3,7,8-PECDD		10U A	50U	28U A	**62.6**		10U	10U	10U
1,2,3,7,8-PECDF		10U	50U	20U	23U		10U	10U	10U
2,3,4,6,7,8-HXCDF		10U	50U	20U	24U		10U	10U	10U
2,3,4,7,8-PECDF		10U	50U	20U	**499**		10U	10U	10U
2,3,7,8-TCDD		2U A	34U A	13U A	25.2U		2U	2U	2U A
2,3,7,8-TCDF		2U A	22U A	8.7U A	19.4U		2U	2U	2U A
EPA TEF		**11.55**	**90.55**	**42.865**	**314.596**		**11.77**	**13.99**	**17.78**
WHO TEF		**14.05**	**103.05**	**49.865**	**345.896**		**14.27**	**16.49**	**20.28**

Appendix D - Groundwater Data
Dioxin and Furan

STATION	GWRR-4	GWRR-4	GWRR-6	GWRR-6	GWRR-8	GWRR-8	GWRR-9	GWY-10	GWY-10	GWY-12
SAMPLE	GWRR-4	GWRR-4	GWRR-6	GWRR-6	MCW-0402-2	MCW-0402-3 DUP	MCW-0402-1	GWY-10	GWY-10	GWY-12
DATE	8/6/2002	7/10/2001	7/2/2002	10/1/2002	4/24/2002	4/24/2002	4/24/2002	8/6/2002	7/10/2001	7/10/2001
UNITS	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L
1,2,3,4,6,7,8,9-OCDD	**8800**	**1330**	**440J**	**170**	**95BJ**	**59BJ**	100U	**190**	**417B**	**11.2JB**
1,2,3,4,6,7,8,9-OCDF	**350**	**42.2J**	20U	20U	20U	20U	100U	21U	13.9U	3U
1,2,3,4,6,7,8-HPCDD	**860**	**174**	10U	**25J**	10U	10U	50U	**26J**	**78.4**	3.1U
1,2,3,4,6,7,8-HPCDF	**94**	**13J**	10U	10U	10U	10U	50U	10U	**4.8J**	1.4U
1,2,3,4,7,8,9-HPCDF	**10J**	6.7U	10U	10U	10U	10U	50U	10U	4.7U	1.8U
1,2,3,4,7,8-HXCDD	10U	4.3U	10U	10U	10U	10U	50U	10U	3.6U	1.6U
1,2,3,4,7,8-HXCDF	**11J**	2.8U	10U	10U	10U	10U	50U	10U	1.9U	1.1U
1,2,3,6,7,8-HXCDD	**48J**	4.5U	10U	10U	10U	10U	50U	10U	3.6U	1.6U
1,2,3,6,7,8-HXCDF	10U	3U	10U	10U	10U	10U	50U	10U	1.9U	1.2U
1,2,3,7,8,9-HXCDD	10U	4.2U	10U	10U	10U	10U	50U	10U	3.4U	1.5U
1,2,3,7,8,9-HXCDF	**13J**	3.7U	10U	10U	10U	10U	50U	10U	2.5U	1.4U
1,2,3,7,8-PECDD	10U	3.8U	10U	10U	10U	10U	50U	10U	2.7U	1.4U
1,2,3,7,8-PECDF	**53EJ**	3.7U	10U	10U	10U	10U	50U	10U	**22J**	1.3U
2,3,4,6,7,8-HXCDF	10U	2.9U	10U	10U	10U	10U	50U	10U	2.1U	1.1U
2,3,4,7,8-PECDF	10U	3.6U	10U	10U	10U	10U	50U	10U	1.8U	1.2U
2,3,7,8-TCDD	2U	4.5U	2U	2U A	**3.1A**	**2.5A**	**25A**	2.1U	2.2U	1.6U
2,3,7,8-TCDF	2U	3.2U	2U	2U	**2.2A**	2U	**21A**	2.1U	1.3U	1U
EPA TEF	**27.59**	**7.526**	**10**	**10.2**	**12.22**	**11.5**	**71.6**	**10.265**	**5.1955**	**2.039**
WHO TEF	**30.09**	**8.476**	**12.5**	**12.7**	**14.72**	**14**	**84.1**	**12.765**	**5.8705**	**2.389**

Appendix D - Groundwater Data
Dioxin and Furan

STATION	GWY-12	GWY-14	GWY-14	KPT-1	KPT-1	KPT-1	KPT-1	KPT-12	KPT-12	KPT-16	KPT-6
SAMPLE	KPP-GW-8	GWY-14	GWY-14	KPT-1	KPT-1	KPT-1	KPT-1	KPT-12	KPT-12	KPT-16	KPT-6
DATE	11/16/1988	8/6/2002	7/10/2001	8/6/2002	10/1/2003	4/7/2004	10/20/2004	8/6/2002	7/9/2001	8/6/2002	8/6/2002
UNITS	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L
1,2,3,4,6,7,8,9-OCDD	1200U	430	214B	7500	3100	660	4200	380000N2	261640	9100	16000000SN2J
1,2,3,4,6,7,8,9-OCDF	48U	20U	18.8U	290	140	25J	150	26000	33400	470	890000N2
1,2,3,4,6,7,8-HPCDD		56	34.2J	950	370	95	560	40000	121670	1000	4600000N2
1,2,3,4,6,7,8-HPCDF		10U	3.8U	94	67	10J	55	5700	14070	130	620000N2
1,2,3,4,7,8,9-HPCDF		10U	5.2U	10U	10U	10U	10U	380	2030	10U	34000N2
1,2,3,4,7,8-HXCDD		10U	3.5U	10U	10U	10U	10U	320	5U	10U	3400
1,2,3,4,7,8-HXCDF		10U	2.2U	10U	10U	10U	10U	630	1420	16J	62000
1,2,3,6,7,8-HXCDD		10U	3.4U	55	15J	10U	35J	2000	4350	46J	360000
1,2,3,6,7,8-HXCDF		10U	2.2U	10U	10U	10U	10U	84	365	10U	19000
1,2,3,7,8,9-HXCDD		10U	3.3U	10U	10U	10U	10U	150	239	10U	25000
1,2,3,7,8,9-HXCDF		10U	2.9U	10U	10U	10U	10U	270EJ	91.6	10U	40000
1,2,3,7,8-PECDD		10U	2.5U	10U	10U	10U	10U	12J	6.1U	10U	1900
1,2,3,7,8-PECDF		210EJ	7.6J	31EJ	10U	10U	10U	1900EJ	332	37EJ	240000EJ
2,3,4,6,7,8-HXCDF		10U	2.5U	10U	10U	10U	10U	150	636	10U	34000
2,3,4,7,8-PECDF		10U	1.4U	10U	10U	10U	10U	150	382	10U	79000EJ
2,3,7,8-TCDD		2U	1.8U	2U	2.1UA	2U	3.1U	2.1U	6.5U	2.1U	51UA
2,3,7,8-TCDF		2U	1.3U	2.2UA	2U	2U	2.1U	27	66.1	2.8UA	70000EAJ
EPA TEF		20.76	3.707	26.65	15.32	10.95	19.605	1000.95	2307.095	28.09	166355.5
WHO TEF		23.26	4.332	29.15	17.82	13.45	22.105	1006.95	2308.62	30.59	167305.5

Appendix D - Groundwater Data
Dioxin and Furan

STATION	KPT-7	KPT-7	KPT-9	KPT-9	OMW-1	OSW-2
SAMPLE	KPT-7	KPT-7	KPT-9	KPT-9	OMW-1	OSW-2
DATE	8/6/2002	7/9/2001	8/6/2002	7/9/2001	10/19/2004	7/9/2001
UNITS	PG/L	PG/L	PG/L	PG/L	PG/L	PG/L
1,2,3,4,6,7,8,9-OCDD	**400000N2**	**257530**	**19000**	**851**	**16000000N2**	**136180**
1,2,3,4,6,7,8,9-OCDF	**16000**	**18950**	**980**	24.3U	**600000**	**7320**
1,2,3,4,6,7,8-HPCDD	**53000**	**118090**	**2400**	**131**	**2200000N2**	**57080**
1,2,3,4,6,7,8-HPCDF	**5100**	**8720**	**290**	**14.8J**	**220000**	**4090**
1,2,3,4,7,8,9-HPCDF	**240**	**494**	**15J**	8.2U	**12000**	**197**
1,2,3,4,7,8-HXCDD	**430**	**46.7J**	**18J**	5U	**1200**	**12.5J**
1,2,3,4,7,8-HXCDF	**490**	**860**	**21J**	3.1U	**16000**	**489**
1,2,3,6,7,8-HXCDD	**3500**	**5370**	**140**	4.9U	**140000**	**2810**
1,2,3,6,7,8-HXCDF	**130**	**344**	10U	3U	**5600**	**134**
1,2,3,7,8,9-HXCDD	**250**	**381**	**14J**	4.7U	**8500**	**162**
1,2,3,7,8,9-HXCDF	**310EJ**	**93**	**19J**	4U	**1700**	**41.8J**
1,2,3,7,8-PECDD	**13J**	**26.1J**	10U	2.9U	**360J**	**5.4J**
1,2,3,7,8-PECDF	**1800EJ**	**354**	**130EJ**	2.2U	**6700**	**146**
2,3,4,6,7,8-HXCDF	**230**	**549**	**19J**	3.4U	**14000**	**346**
2,3,4,7,8-PECDF	**170**	**290**	10U	2U	**5100**	**146**
2,3,7,8-TCDD	2.1U	**9.7J**	2.1U	2.9U	22U	1.8U
2,3,7,8-TCDF	**44**	**72.6**	**3.5JA**	1.9U	**2200**	**32.8**
EPA TEF	**1304.35**	**2230.12**	**63.55**	**5.729**	**46316**	**1100.38**
WHO TEF	**1310.85**	**2243.17**	**66.05**	**6.454**	**46496**	**1103.08**

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

PG/L	Picograms per liter
A	Detection limit based on signal-to-noise measurement
B	Less than 10 times higher than method blank level
E	Polychlorinated diphenyl ethers (PCDE) interference
I	Interference
J	Concentration detected is below the calibration range
N2	Value obtained from additional analysis
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Groundwater Data
Herbicide and Pesticide

STATION	CLCW-1	GW-5	GW-5	GWRR-1	GWRR-2	GWRR-3	GWRR-4	GWRR-5	GWRR-6
SAMPLE	CLCW-1	KPT-GW-5	96-55967	GWRR-1	GWRR-2	GWRR-3	GWRR-4	GWRR-5	GWRR-6
DATE	10/23/1995	4/10/1996	9/13/1996	4/10/1996	4/10/1996	4/10/1996	4/10/1996	4/10/1996	4/10/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
2-(2, 4, 5-TRICHLOROPHENOXY) PROPIONIC ACID	1U		10U						
2,4,5-TRICHLOROPHENOXYACETIC ACID (2,4,5-T)									
2,4-DICHLOROPHENOXYACETIC ACID (2,4-D)	0.5U		50U						
4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID (2,4-DB)	1U								
ALACHLOR									
ATRAZINE									
BENTAZON	0.5U								
DALAPON	1.5U		500U						
DICAMBA			12U						
DICHLORPROP									
DINOSEB	1U		50U						
ENDRIN									
HEPTACHLOR									
HEPTACHLOR EPOXIDE									
HEXACHLOROCYCLOHEXANE (LINDANE)									
MCPA									
MCPP									
PICLORAM	1U	0.5U	25U	0.5U	0.5U	5U	0.5U	0.5U	**8.2**
SIMAZINE									

Appendix D - Groundwater Data
Herbicide and Pesticide

STATION	GWRR-7	GWRR-7	GWY-10	GWY-11	GWY-12	GWY-12	GWY-12	GWY-12
SAMPLE	GWRR-7-DUP	GWRR-7	GWY-10	GWY-11	GWY-12	GWY-12	GWY-12	97-50865
DATE	4/10/1996	4/10/1996	10/23/1995	10/23/1995	10/26/1995	12/19/1996	4/10/1996	8/21/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
2-(2, 4, 5-TRICHLOROPHENOXY) PROPIONIC ACID			1U	1U	**2.1**	0.2U		0.2U
2,4,5-TRICHLOROPHENOXYACETIC ACID (2,4,5-T)								
2,4-DICHLOROPHENOXYACETIC ACID (2,4-D)			0.5U	0.5U	0.5U	1U		1U
4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID (2,4-DB)			1U	1U	1U			
ALACHLOR								
ATRAZINE								
BENTAZON			0.5U	0.5U	0.5U			
DALAPON			1.5U	1.5U	1.5U	10U		10U
DICAMBA						0.25U		0.25U
DICHLORPROP								
DINOSEB			1U	1U	1U	1U		1U
ENDRIN								
HEPTACHLOR								
HEPTACHLOR EPOXIDE								
HEXACHLOROCYCLOHEXANE (LINDANE)								
MCPA								
MCPP								
PICLORAM	5U	5U	1U	1U	1U	1U	0.5U	0.5U
SIMAZINE								

Appendix D - Groundwater Data
Herbicide and Pesticide

STATION	GWY-13	GWY-14	GWY-3	GWY-4	GWY-7	GWY-8	GWY-9	KPT-5
SAMPLE	GWY-13	GWY-14	MW-3	GWY-4	GWY-7	GWY-8	GWY-9	96-55966
DATE	10/23/1995	10/23/1995	10/23/1995	10/23/1995	10/25/1995	10/23/1995	10/24/1995	9/13/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
2-(2, 4, 5-TRICHLOROPHENOXY) PROPIONIC ACID	**1.9**	1U	1U	1U	1U	1U	1U	2U
2,4,5-TRICHLOROPHENOXYACETIC ACID (2,4,5-T)								
2,4-DICHLOROPHENOXYACETIC ACID (2,4-D)	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	10U
4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID (2,4-DB)	1U	1U	1U	1U	1U	1U	1U	
ALACHLOR								
ATRAZINE								
BENTAZON	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	
DALAPON	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	100U
DICAMBA								2.5U
DICHLORPROP								
DINOSEB	1U	1U	1U	1U	1U	1U	1U	10U
ENDRIN								
HEPTACHLOR								
HEPTACHLOR EPOXIDE								
HEXACHLOROCYCLOHEXANE (LINDANE)								
MCPA								
MCPP								
PICLORAM	1U	1U	1U	1U	1U	1U	1U	5U
SIMAZINE								

Appendix D - Groundwater Data
Herbicide and Pesticide

STATION	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1	RW-10	RW-10	RW-11
SAMPLE	95-45765	96-36705	97-14861	97-50863	98-26860	SW5052	95-45764	SW5051	SW5053
DATE	7/26/1995	6/4/1996	1/29/1997	8/20/1997	4/8/1998	2/9/1993	7/26/1995	2/8/1993	2/9/1993
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
2-(2, 4, 5-TRICHLOROPHENOXY) PROPIONIC ACID	0.2U	0.2U	0.2U	0.2U	0.2U	1U	0.2U	1U	1U
2,4,5-TRICHLOROPHENOXYACETIC ACID (2,4,5-T)						0.1U		0.1U	0.1U
2,4-DICHLOROPHENOXYACETIC ACID (2,4-D)	1U	1U	1U	1U	1U	1U	1U	1U	1U
4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID (2,4-DB)	2.5U				2.5U	1U	2.5U	1U	1U
ALACHLOR						0.2U		0.2U	0.2U
ATRAZINE						0.2U		0.2U	0.2U
BENTAZON									
DALAPON	10U	10U	10U	10U	10U	2U	10U	2U	2U
DICAMBA	0.25U	0.25U	0.25U	0.25U	0.25U	0.5U	0.25U	0.5U	0.5U
DICHLORPROP	1U				1U	1U	1U	1U	1U
DINOSEB	1U	1U	1U	1U	1U	1U	1U	1U	1U
ENDRIN						0.2U		0.2U	0.2U
HEPTACHLOR						0.1U		0.1U	0.1U
HEPTACHLOR EPOXIDE						0.1U		0.1U	0.1U
HEXACHLOROCYCLOHEXANE (LINDANE)						0.1U		0.1U	0.1U
MCPA						110U		110U	110U
MCPP						110U		110U	110U
PICLORAM	0.5U	0.5U	0.5U	0.5U	0.5U	1U	0.5U	1U	1U
SIMAZINE						0.3U		0.3U	0.3U

Appendix D - Groundwater Data
Herbicide and Pesticide

STATION	RW-2	RW-2	RW-2	RW-2	RW-2	RW-4	RW-7	RW-7	RW-7
SAMPLE	96-31882	96-36706	96-55968	97-14862	97-22973	98-18360	95-45763	96-36704	97-14863
DATE	5/10/1996	6/4/1996	9/13/1996	1/29/1997	3/18/1997	2/19/1998	7/26/1995	6/4/1996	1/29/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
2-(2, 4, 5-TRICHLOROPHENOXY) PROPIONIC ACID	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U
2,4,5-TRICHLOROPHENOXYACETIC ACID (2,4,5-T)									
2,4-DICHLOROPHENOXYACETIC ACID (2,4-D)	1U	1U	1U	1U	1U	1U	1U	1U	1U
4-(2,4-DICHLOROPHENOXY)BUTYRIC ACID (2,4-DB)						2.5U	2.5U		
ALACHLOR									
ATRAZINE									
BENTAZON									
DALAPON	10U	10U	10U	10U	10U	10U	10U	10U	10U
DICAMBA	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
DICHLORPROP						1U	1U		
DINOSEB	1U	1U	1U	1U	1U	1U	1U	1U	1U
ENDRIN									
HEPTACHLOR									
HEPTACHLOR EPOXIDE									
HEXACHLOROCYCLOHEXANE (LINDANE)									
MCPA									
MCPP									
PICLORAM	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U	0.5U
SIMAZINE									

Appendix D - Groundwater Data
Herbicide and Pesticide

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L	Micrograms per liter
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Groundwater Data
Metal

STATION	GW-1	GW-2	GW-2	GW-3	GWRR-1	GWRR-1	GWRR-2	GWRR-2	GWRR-2	GWRR-3	GWY-1	GWY-10	GWY-11	GWY-12
SAMPLE	KPP-GW-1	KPP-GW-4 DUP	KPP-GW-2	KPP-GW-3	RR-MW-1	KPP-GW-7	RR-MW-2	RR-MW-4	KPP-GW-6	RR-MW-3	MHC-567	MW-10	MW-11	MW-12
DATE	11/15/1988	11/15/1988	11/15/1988	11/15/1988	3/5/1986	11/15/1988	3/5/1986	3/5/1986	11/15/1988	3/5/1986	3/19/1986	4/24/1995	4/24/1995	4/24/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
ALUMINUM	106U	106U	106U	106U	17J	106U	80UJ	55J	106U	80UJ	23U			
ANTIMONY	2.8U	2.8U	2.8U	2.8U	10U	2.8U	10U	10U	2.8U	10U	26U			
ARSENIC	2.3U	2.3U	2.3U	2.3U	34	40.6U	10U	10U	2.3U	25.5		200U	0.2U	200U
BARIUM	97B	133B	141B	116B	42.5E	556B	282E	292E	195B	686E	420	180	0.19	220
BERYLLIUM	2B	2B	2B	2B	0.2U	2B	0.2U	0.2U	2B	0.2U	0.4U			
CADMIUM	0.1U	0.1U	0.1U	0.1U	2.5U	0.1U	2.5U	2.5U	0.1U	2.5U	4U	5U	5U	5U
CALCIUM	59060	63550	67150	55420U	66630	76660	62480	63780	65610	151100	77900			
CHROMIUM	1.5B	1.2B	1.5B	1U	3	1U	5	2.1U	1U	2.1U	4U	10U	10U	10U
COBALT	16B	16B	15U	15B	4.5U	15B	4.5U	4.5U	21B	5	6U			
COPPER	22U	26	22U	24B	3	22U	2.8U	2.8U	22U	3	4U			
IRON	81B	66B	77B	102	2568	4991	1187	988	786	6576	618			
LEAD	0.7B	0.9B	0.7B	0.7B	5U	0.6B	5U	5U	0.5B	5U	5U	200U	200U	200U
MAGNESIUM	11160	12340	12370	11160	12690	12610	12970	13310	12730	61290	18400			
MANGANESE	4U	7B	10B	1318	2613	3169	592	609	521	5267	2260			
MERCURY	0.2	0.2U	0.5	0.2U	0.2U	0.3U	0.2U	0.2U	0.2U	0.2U	0.1U	1U	1U	1U
NICKEL	31U	31U	31U	31U	20U	31U	20U	20U	31U	20U	6U			
POTASSIUM	914U	1090B	914U	990B	827	914B	569U	569U	960B	569U	1370			
SELENIUM	3.4U	3.4U	3.4U	3.4U	5U	3.4U	5U	5U	3.4U	5U	5U	150U	150U	150U
SILVER	0.6U	0.6U	0.6U	0.6U	20U	0.6U	20U	20U	0.6U	20U	4U	20U	20U	20U
SODIUM	2610B	4250B	4570B	2690B	3966E	3400B	3369E	3393E	2830B	44360E	5320			
THALLIUM	0.5B	0.8B	0.5B	0.5B		0.5U			0.5U		10U			
TIN	81U	81U	81U	81U	15U	81U	15U	15U	81U	15U	18U			
VANADIUM	16U	23B	40B	25B	1.6U	37U	2.5	1.6U	37B	1.6U	5U			
ZINC	13B	8U	11B	9B	19J	8U	5J	9J	8U	8J	3.8			

Appendix D - Groundwater Data
Metal

STATION	GWY-12	GWY-12	GWY-13	GWY-14	GWY-3	GWY-3	GWY-4	GWY-4	GWY-4	GWY-7	GWY-8	GWY-9	GWY-9	PWS-1
SAMPLE	MHC-564	KPP-GW-8	MW-13	MW-14	MW-3	MHC-566	MW-4	MHC-571	MHC-572 DUP	MW-7	MW-8	MW-9	MHC-565	RR-GW-2
DATE	3/19/1986	11/15/1988	4/24/1995	4/24/1995	4/24/1995	3/19/1986	4/24/1995	3/19/1986	3/19/1986	4/24/1995	4/24/1995	4/24/1995	3/19/1986	3/1/1986
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
ALUMINUM	23U	106U				23U		23U	23U				23U	**13J**
ANTIMONY	26U	2.8U				26U		26U	26U				26U	10U
ARSENIC		**2.8B**	200U	200U	0.2U		200U			200U	200U	200U		10U
BARIUM	**228**	**201**	**400**	**140**	**0.16**	**353**	**300**	**362**	**370**	**280**	**280**	**480**	**437**	**90E**
BERYLLIUM	0.4U	**3B**				0.4U		0.4U	0.4U				0.4U	0.2U
CADMIUM	4U	**0.2B**	5U	5U	0.005U	4U	5U	4U	4U	5U	5U	5U	4U	2.5U
CALCIUM	**66000**	**57990**				**110000**		**84700**	**85900**				**75100**	**43880**
CHROMIUM	4U	1U	10U	10U	0.01U	4U	10U	4U	4U	10U	10U	10U	**4.4**	**4**
COBALT	6U	**23B**				6U		6U	6U				6U	4.5U
COPPER	4U	22U				**6.3**		4U	4U				4U	**10**
IRON	**161**	**218**				11U		**1560**	**1480**				**80**	**3**
LEAD	5U	**1.1B**	200U	200U	0.2U	5U	200U	5U	5U	200U	200U	200U	**11**	5U
MAGNESIUM	**13900**	**11730**				**76100**		**14900**	**15100**				**10000**	**10140**
MANGANESE	**706**	**639**				**3.5**		**1310**	**1330**				**1110**	**3**
MERCURY	0.1U	0.2U	1U	1U	0.001U	0.1U	1U	0.1U	0.1U	1U	1U	1U	0.1U	0.2U
NICKEL	6U	31U				6U		6U	6U				6U	20U
POTASSIUM	**1020**	914U				**92400**		**967**	**907**				**2040**	569U
SELENIUM	5U	3.4U	150U	150U	0.15U	5U	150U	5U	5U	150U	150U	150U	5U	5U
SILVER	4U	0.6U	20U	20U	0.02U	4U	20U	4U	4U	20U	20U	20U	4U	20U
SODIUM	**4590**	**2750B**				**34100**		**4810**	**4620**				**15000**	**2831E**
THALLIUM	10U	0.5U				10U		10U	10U				10U	
TIN	18U	81U				18U		18U	18U				18U	15U
VANADIUM	5U	**23B**				5U		5U	5U				5U	**1.9**
ZINC	**3.9**	8U				**5.6**		**3.8**	**4.6**				**28**	**27J**

Appendix D - Groundwater Data
Metal

STATION	RW-1	UNKNOWN
SAMPLE	RR-GW-1	GW-5
DATE	3/1/1986	2/19/1998
UNITS	UG/L	UG/L
ALUMINUM	8UJ	
ANTIMONY	10U	
ARSENIC	10U	
BARIUM	**93E**	
BERYLLIUM	0.2U	
CADMIUM	2.5U	
CALCIUM	**46690**	
CHROMIUM	2.1U	
COBALT	4.5U	
COPPER	**9**	
IRON	2.3U	
LEAD	5U	**20**
MAGNESIUM	**10170**	
MANGANESE	**2**	
MERCURY	0.2U	
NICKEL	20U	
POTASSIUM	569U	
SELENIUM	5U	
SILVER	20U	
SODIUM	**2252E**	
THALLIUM		
TIN	15U	
VANADIUM	1.6U	
ZINC	**50J**	

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L	Micrograms per liter
B	Compound detected in method blank
E	Value estimated or not reported due to the presence of interference (barium and sodium)
J	Element was present in laboratory blanks at 1/5 the concentration in the sample (aluminum and zinc)
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
CLCW-1	CLCW-1	10/23/1995	UG/L	**4.8**	
CLCW-1	CLCW-1	8/7/1995	UG/L	20U	
CLCW-1	CLCW-1	8/6/1993	UG/L	**210**	
EH-1	92-4151	1/20/1992	UG/L	50U	
EH-1	EH-1-A	6/24/1992	UG/L	10U	
EH-2	92-4152	1/20/1992	UG/L	50U	
EH-3	92-4153	1/20/1992	UG/L	50U	
GW-1	GW-1	3/22/1995	UG/L	**0.35Y**	
GW-1	GW-1	12/17/1996	UG/L	**0.78**	
GW-1	GW-1	8/22/1997	UG/L	0.25U	
GW-1	GW-1	8/6/2002	UG/L	1U	
GW-1	GW-1	4/2/2003	UG/L	**1.3**	
GW-1	GW-1	10/1/2003	UG/L	0.5U	
GW-1	GW-1	4/7/2004	UG/L	0.51U	
GW-1	GW-1	10/19/2004	UG/L	0.52U	
GW-1	GW-1-299	2/23/1999	UG/L	0.25U	
GW-1	GW-1-898	8/28/1998	UG/L	0.25U	
GW-1	GW-25-299	2/23/1999	UG/L	0.25U	
GW-1	KPP-GW-1	11/15/1988	UG/L	50U	
GW-1	GW-1	8/20/1991	UG/L	21U	
GW-1	GW-1	11/16/1994	UG/L	5U	
GW-1	GW-1	11/16/1994	UG/L	**0.52J**	
GW-2	KPP-GW-2	11/15/1988	UG/L	**50J**	
GW-2	KPP-GW-4 DUP	11/17/1988	UG/L	**50J**	
GW-2	GW-2	8/20/1991	UG/L	21U	
GW-3	KPP-GW-3	11/16/1988	UG/L	**2400J**	
GW-3	KPT-GW-3	6/19/1991	UG/L	**2033J**	
GW-3	GW-3	8/20/1991	UG/L	**5400**	
GW-4	KPP-GW-11	12/18/1989	UG/L	**31J**	
GW-4	KPT-GW-4	6/19/1991	UG/L	**26.6J**	
GW-4	GW-4	8/20/1991	UG/L	**17J**	
GW-4	KPT-GW-4A DUP	6/19/1991	UG/L	**42.5J**	
GW-5	GW-5	9/12/1996	UG/L	**450**	
GW-5	GW-5	12/17/1996	UG/L	**530**	
GW-5	GW-50	8/20/1997	UG/L	**690**	
GW-5	GW-5	8/20/1997	UG/L	**670**	
GW-5	GW-5	10/5/1998	UG/L	**380**	
GW-5	GW-5	8/6/2002	UG/L	**120**	
GW-5	GW-5	4/2/2003	UG/L	**83**	
GW-5	GW-5	10/1/2003	UG/L	**71**	
GW-5	GW-5	10/1/2003	UG/L	**17**	**13**
GW-5	GW-5	4/7/2004	UG/L	**42**	
GW-5	GW-5	4/7/2004	UG/L	**3.8**	
GW-5	GW-5	10/19/2004	UG/L	**38.8**	
GW-5	GW-5	10/19/2004	UG/L	**28.1J**	
GW-5	GW-5-299	2/22/1999	UG/L	**270**	
GW-5	GW-5-898	8/26/1998	UG/L	**430**	
GW-5	GW-5	7/9/2001	UG/L	**60**	
GW-5	KPP-GW-10	12/18/1989	UG/L	**630**	
GW-5	KPT-GW-5	6/19/1991	UG/L	**936J**	
GW-5	GW-5	8/20/1991	UG/L	**1300**	
GW-5	GW-5 DUP	8/20/1991	UG/L	**1400**	
GW-5	GW-5	4/11/1996	UG/L	**280**	
GW-5	KPT-GW-5	4/10/1996	UG/L	**92D**	
GW-5	96-55967	9/13/1996	UG/L	**514D**	
GWRR-1	GWRR-1	12/18/1996	UG/L	**0.23J**	
GWRR-1	GWRR-1	8/21/1997	UG/L	0.25U	
GWRR-1	GWRR-1-299	2/23/1999	UG/L	0.25U	
GWRR-1	GWRR-1-898	8/29/1998	UG/L	0.25U	
GWRR-1	KPP-GW-7	11/15/1988	UG/L	**21J**	
GWRR-1	GWRR-1	8/20/1991	UG/L	20U	
GWRR-1	GWRR-1	4/10/1996	UG/L	0.1U	
GWRR-2	GWRR-2	12/18/1996	UG/L	**130**	
GWRR-2	GWRR-2	8/22/1997	UG/L	**57**	

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
GWRR-2	GWRR-2	10/1/2003	UG/L	23U	
GWRR-2	GWRR-2	10/1/2003	UG/L	0.51U	
GWRR-2	GWRR-2	4/7/2004	UG/L	23U	
GWRR-2	GWRR-2	4/7/2004	UG/L	**0.69**	
GWRR-2	GWRR-2-299	2/23/1999	UG/L	**52**	
GWRR-2	GWRR-2-898	8/29/1998	UG/L	**38**	
GWRR-2	GWRR-2	7/10/2001	UG/L	**3.2**	
GWRR-2	GWRR-2	2/25/1986	UG/L	**1400**	
GWRR-2	GWRR-2-DUP	2/25/1986	UG/L	**1100**	
GWRR-2	KPP-GW-6	11/15/1988	UG/L	**1800**	
GWRR-2	GWRR-2	8/20/1991	UG/L	**950**	
GWRR-2	GWRR-2	4/10/1996	UG/L	**26D**	
GWRR-2	RR-MW-2	3/5/1986	UG/L	**1400**	
GWRR-2	RR-MW-4	3/5/1986	UG/L	**1100**	
GWRR-3	GWRR-3	8/21/1997	UG/L	0.25U	
GWRR-3	GWRR-3-299	2/23/1999	UG/L	0.25U	
GWRR-3	GWRR-3	8/20/1991	UG/L	20U	
GWRR-3	GWRR-3	4/10/1996	UG/L	1U	
GWRR-4	GWRR-4	12/18/1996	UG/L	**0.83**	
GWRR-4	GWRR-4	8/22/1997	UG/L	0.25U	
GWRR-4	GWRR-4	8/6/2002	UG/L	1U	
GWRR-4	GWRR-4	4/2/2003	UG/L	1U	
GWRR-4	GWRR-4	10/1/2003	UG/L	0.52U	
GWRR-4	GWRR-4	4/7/2004	UG/L	**0.52**	
GWRR-4	GWRR-4	10/20/2004	UG/L	0.5U	
GWRR-4	GWRR-4-299	2/23/1999	UG/L	0.25U	
GWRR-4	GWRR-4-898	8/28/1998	UG/L	**0.14J**	
GWRR-4	GWRR-4	7/10/2001	UG/L	5U	
GWRR-4	GWRR-4	4/10/1996	UG/L	0.1U	
GWRR-5	GWRR-5	12/18/1996	UG/L	**170**	
GWRR-5	GWRR-5	8/22/1997	UG/L	**74**	
GWRR-5	GWRR-5	4/10/1996	UG/L	**37D**	
GWRR-6	GWRR-106-898	8/29/1998	UG/L	0.25U	
GWRR-6	GWRR-6	8/22/1997	UG/L	0.25U	
GWRR-6	GWRR-6-299	2/23/1999	UG/L	0.25U	
GWRR-6	GWRR-6-898	8/29/1998	UG/L	0.25U	
GWRR-6	GWRR-6	4/10/1996	UG/L	0.1U	
GWRR-7	GWRR-7	8/21/1997	UG/L	0.25U	
GWRR-7	GWRR-7-DUP	4/10/1996	UG/L	1U	
GWRR-7	GWRR-7	4/10/1996	UG/L	1U	
GWRR-8	MCW-0402-2	4/24/2002	UG/L	**0.35**	
GWRR-8	MCW-0402-3 DUP	4/24/2002	UG/L	**0.57**	
GWRR-9	MCW-0402-1	4/24/2002	UG/L	**4.7**	
GWY-1	HB095	3/5/1986	UG/L	500U	
GWY-10	GWY-10	12/19/1996	UG/L	**1.9**	
GWY-10	GWY-10	8/21/1997	UG/L	**0.86**	
GWY-10	GWY-10	8/6/2002	UG/L	**3.1**	
GWY-10	GWY-10	4/2/2003	UG/L	**9**	
GWY-10	GWY-10	10/1/2003	UG/L	0.51U	0.51U
GWY-10	GWY-10	4/7/2004	UG/L	**3.2**	
GWY-10	GWY-10	10/19/2004	UG/L	**8.3J**	
GWY-10	GWY-10-299	2/23/1999	UG/L	**9.9**	
GWY-10	GWY-10-898	8/28/1998	UG/L	**79**	
GWY-10	GWY-10	7/10/2001	UG/L	**6.1**	
GWY-10	GWY-10 NP	7/10/2001	UG/L		**0.46**
GWY-10	MW-10	8/7/1995	UG/L	10U	
GWY-10	MW-10	4/24/1995	UG/L	10U	
GWY-10	GWY-10	8/20/1991	UG/L	20U	
GWY-10	GWY-10	10/23/1995	UG/L	1U	
GWY-11	MW-11	8/7/1995	UG/L	10U	
GWY-11	MW-11	4/24/1995	UG/L	10U	
GWY-11	GWY-11	10/23/1995	UG/L	1U	
GWY-12	GWY-12	8/21/1997	UG/L	**14**	
GWY-12	GWY-12	8/6/2002	UG/L	1U	

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
GWY-12	GWY-12	4/2/2003	UG/L	1U	
GWY-12	GWY-12	10/1/2003	UG/L	0.5U	
GWY-12	GWY-12	4/7/2004	UG/L	0.53U	
GWY-12	GWY-12	10/20/2004	UG/L	0.51U	
GWY-12	GWY-12-299	2/23/1999	UG/L	**9.7**	
GWY-12	GWY-12-898	8/28/1998	UG/L	**55**	
GWY-12	GWY-12	7/10/2001	UG/L	5U	
GWY-12	MW-12	8/7/1995	UG/L	10U	
GWY-12	MW-12	4/24/1995	UG/L	**140**	
GWY-12	HB078	3/5/1986	UG/L	**480**	
GWY-12	KPP-GW-8	11/16/1988	UG/L	**910**	
GWY-12	KPP-GW-12	12/16/1989	UG/L	**510**	
GWY-12	GWY-12	8/20/1991	UG/L	**360**	
GWY-12	GWY-12	10/26/1995	UG/L	**12**	
GWY-12	GWY-12	12/19/1996	UG/L	**47D**	
GWY-12	GWY-12	4/10/1996	UG/L	**14**	
GWY-12	97-50865	8/21/1997	UG/L	**1.3**	
GWY-13	GWY-13	12/19/1996	UG/L	0.25U	
GWY-13	GWY-13	8/20/1997	UG/L	**6.7**	
GWY-13	GWY-13-299	2/23/1999	UG/L	0.25U	
GWY-13	GWY-13-898	8/28/1998	UG/L	0.25U	
GWY-13	MW-13	8/7/1995	UG/L	**47**	
GWY-13	MW-13	4/24/1995	UG/L	**110**	
GWY-13	KPP-GW-13	12/16/1989	UG/L	1000U	
GWY-13	GWY-13	10/23/1995	UG/L	**12**	
GWY-14	GWY-14	12/19/1996	UG/L	**100**	
GWY-14	GWY-14	8/20/1997	UG/L	**170**	
GWY-14	GWY-14	8/6/2002	UG/L	**51**	
GWY-14	GWY-14	4/2/2003	UG/L	**11**	
GWY-14	GWY-14	10/1/2003	UG/L	**7.7**	
GWY-14	GWY-14	4/7/2004	UG/L	**3.1**	
GWY-14	GWY-14	10/20/2004	UG/L	**3J**	
GWY-14	GWY-14-299	2/23/1999	UG/L	**86**	
GWY-14	GWY-14-898	8/28/1998	UG/L	**150**	
GWY-14	GWY-14	7/10/2001	UG/L	**74**	
GWY-14	MW-14	8/7/1995	UG/L	**240**	
GWY-14	MW-14	4/24/1995	UG/L	**110**	
GWY-14	KPP-GW-14	12/16/1989	UG/L	**200J**	
GWY-14	GWY-14	8/20/1991	UG/L	**470**	
GWY-14	GWY-14	10/23/1995	UG/L	**16**	
GWY-14	MW-14-A	6/24/1992	UG/L	**670D**	
GWY-3	GWY-3	12/19/1996	UG/L	0.25U	
GWY-3	GWY-3	8/20/1997	UG/L	0.25U	
GWY-3	GWY-3-299	2/23/1999	UG/L	0.25U	
GWY-3	GWY-3-898	8/28/1998	UG/L	0.25U	
GWY-3	MW-3	8/7/1995	UG/L	10U	
GWY-3	MW-3	10/23/1995	UG/L	1U	
GWY-3	MW-3	4/24/1995	UG/L	10U	
GWY-3	HB094	3/5/1986	UG/L	50U	
GWY-4	GWY-4	12/19/1996	UG/L	0.25U	
GWY-4	GWY-4	8/21/1997	UG/L	**0.83**	
GWY-4	GWY-4	8/6/2002	UG/L	1U	
GWY-4	GWY-4	4/2/2003	UG/L	**50**	
GWY-4	GWY-4	10/1/2003	UG/L	0.53U	
GWY-4	GWY-4	4/7/2004	UG/L	**0.78**	
GWY-4	GWY-4	10/20/2004	UG/L	0.52U	
GWY-4	GWY-4-299	2/23/1999	UG/L	0.25U	
GWY-4	GWY-4-898	8/28/1998	UG/L	0.25U	
GWY-4	GWY-4	7/10/2001	UG/L	5U	
GWY-4	MW-4	8/7/1995	UG/L	10U	
GWY-4	MW-4	4/24/1995	UG/L	200U	
GWY-4	HC267	3/7/1986	UG/L	500U	
GWY-4	HC268 DUP	3/7/1986	UG/L	500U	
GWY-4	KPP-GW-15	12/16/1989	UG/L	50U	

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
GWY-4	GWY-4	10/23/1995	UG/L	1U	
GWY-7	MW-7	8/7/1995	UG/L	20U	
GWY-7	MW-7	4/24/1995	UG/L	10U	
GWY-7	GWY-7	10/25/1995	UG/L	1U	
GWY-8	MW-8	8/7/1995	UG/L	10U	
GWY-8	MW-8	4/24/1995	UG/L	10U	
GWY-8	GWY-8	8/20/1991	UG/L	20U	
GWY-8	GWY-8	10/23/1995	UG/L	1U	
GWY-9	MW-9	8/7/1995	UG/L	10U	
GWY-9	HB093	3/5/1986	UG/L	100U	
GWY-9	MW-9	4/24/1995	UG/L	10U	
GWY-9	GWY-9	10/24/1995	UG/L	1U	
KPT-1	KPT-1	11/15/1994	UG/L	**0.36**	
KPT-1	KPT-1	11/15/1994	UG/L	5U	
KPT-1	KPT-1	3/22/1995	UG/L	**2**	
KPT-1	KPT-1	9/11/1996	UG/L	0.25U	
KPT-1	KPT-1	12/17/1996	UG/L	0.25U	
KPT-1	KPT-1	8/22/1997	UG/L	0.25U	
KPT-1	KPT-1	8/6/2002	UG/L	1U	
KPT-10	KPT-10	12/18/1996	UG/L	**0.25**	
KPT-10	KPT-10	8/20/1997	UG/L	0.25U	
KPT-10	KPT-10	7/8/2001	UG/L	0.25U	0.25U
KPT-10	KPT-10	7/8/2001	UG/L	5U	
KPT-10	KPT-10	8/6/2002	UG/L	1U	
KPT-10	KPT-10	4/2/2003	UG/L	1.1U	
KPT-10	KPT-10	10/1/2003	UG/L	0.51U	
KPT-10	KPT-10	4/7/2004	UG/L	0.5U	
KPT-10	KPT-10	10/20/2004	UG/L	0.52U	
KPT-10	KPT-10-299	2/22/1999	UG/L	0.25U	
KPT-10	KPT-10-898	8/26/1998	UG/L	0.25U	
KPT-11	KPT-11	12/21/1996	UG/L	0.25U	
KPT-11	KPT-11	8/22/1997	UG/L	0.25U	
KPT-12	KPT-12	9/12/1996	UG/L	**0.65**	
KPT-12	KPT-120 DUP	12/17/1996	UG/L	**2**	
KPT-12	KPT-12	12/17/1996	UG/L	**2**	
KPT-12	KPT-12	8/22/1997	UG/L	**2**	
KPT-12	KPT-12	8/6/2002	UG/L	1U	
KPT-12	KPT-12	4/2/2003	UG/L	**3**	
KPT-12	KPT-12	10/1/2003	UG/L	0.51U	
KPT-12	KPT-12	4/7/2004	UG/L	**3.3**	
KPT-12	KPT-12	10/19/2004	UG/L	**9J**	
KPT-12	KPT-12-299	2/23/1999	UG/L	**1.4**	
KPT-12	KPT-12-898	8/26/1998	UG/L	**0.62**	
KPT-12	KPT-12	7/9/2001	UG/L	5U	
KPT-13	KPT-13	12/20/1996	UG/L	0.25U	
KPT-13	KPT-13	8/23/1997	UG/L	0.25U	
KPT-13	KPT-13-898	8/27/1998	UG/L	0.25U	
KPT-14	KPT-14	12/20/1996	UG/L	**32**	
KPT-14	KPT-14	8/21/1997	UG/L	**36**	
KPT-14	KPT-14-898	8/28/1998	UG/L	**16**	
KPT-15	KPT-15	12/21/1996	UG/L	**0.3**	
KPT-15	KPT-15	8/20/1997	UG/L	0.25U	
KPT-15	KPT-150 DUP	8/20/1997	UG/L	0.25U	
KPT-15	KPT-15	10/5/1998	UG/L	**6.2**	
KPT-15	KPT-15-299	2/22/1999	UG/L	**0.39**	
KPT-15	KPT-15-898	8/27/1998	UG/L	**340**	
KPT-16	KPT-16	8/6/2002	UG/L	1U	
KPT-16	KPT-16	4/2/2003	UG/L	**62**	
KPT-16	KPT-16	10/1/2003	UG/L	0.53U	
KPT-16	KPT-16	4/7/2004	UG/L	**5.7**	
KPT-16	KPT-16	10/19/2004	UG/L	0.51U	
KPT-16	KPT-22 DUP	10/1/2003	UG/L	0.52U	
KPT-16	KPT-22 DUP	8/6/2002	UG/L	1U	
KPT-16	KPT-22 DUP	4/7/2004	UG/L	**4.9**	

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
KPT-16	KPT-22 DUP	10/19/2004	UG/L	**0.58J**	
KPT-16	KPT-16	7/9/2001	UG/L	5U	
KPT-16	KPT-16 DUP	7/9/2001	UG/L	5U	
KPT-2	KPT-2	11/16/1994	UG/L	**220000**	
KPT-2	KPT-20	11/6/1996	UG/L	**1300**	
KPT-3	KPT-3	11/16/1994	UG/L	**3700**	
KPT-3	KPT-3 REEXTRACTION	11/16/1994	UG/L	**3300**	
KPT-4	KPT-4	11/16/1994	UG/L	20000U	
KPT-4	KPT-4	9/12/1996	UG/L	**300**	
KPT-4	KPT-4	12/20/1996	UG/L	**440**	
KPT-4	KPT-4	8/23/1997	UG/L	**1000**	
KPT-4	KPT-4	4/7/2004	UG/L	**110**	
KPT-4	KPT-4-299	2/23/1999	UG/L	**150**	
KPT-4	KPT-4-898	8/26/1998	UG/L	**510**	
KPT-5	KPT-20	7/9/2001	UG/L	**43**	
KPT-5	KPT-20	7/9/2001	UG/L	**63D**	
KPT-5	KPT-5	11/16/1994	UG/L	**220**	
KPT-5	KPT-5	3/22/1995	UG/L	**140**	
KPT-5	KPT-5	9/12/1996	UG/L	**54**	
KPT-5	KPT-5	12/17/1996	UG/L	**69**	
KPT-5	KPT-5	8/22/1997	UG/L	**44**	
KPT-5	KPT-5	7/9/2001	UG/L	**54**	**58**
KPT-5	KPT-5	7/9/2001	UG/L	**63D**	
KPT-5	KPT-5	8/6/2002	UG/L	**70**	
KPT-5	KPT-5	4/2/2003	UG/L	**170**	**200**
KPT-5	KPT-5	10/1/2003	UG/L	**19**	**24**
KPT-5	KPT-5	4/7/2004	UG/L	**28**	
KPT-5	KPT-5	10/19/2004	UG/L	**63.1J**	
KPT-5	KPT-5-299	2/22/1999	UG/L	**220**	
KPT-5	KPT-5-898	8/26/1998	UG/L	**50**	
KPT-5	96-55966	9/13/1996	UG/L	**64D**	
KPT-6	KPT-6	11/16/1994	UG/L	**5300**	
KPT-6	KPT-6	8/6/2002	UG/L	**110**	
KPT-6	KPT-6	10/1/2003	UG/L	**14**	
KPT-6	KPT-6	4/7/2004	UG/L	**120**	
KPT-6	KPT-6	10/19/2004	UG/L	**191**	
KPT-6	KPT-10 DUP	11/16/1994	UG/L	**8400**	
KPT-7	KPT-20	8/6/2002	UG/L	**190**	
KPT-7	KPT-20	4/2/2003	UG/L	**42**	
KPT-7	KPT-20	10/1/2003	UG/L	**130**	
KPT-7	KPT-20	10/1/2003	UG/L	**24**	
KPT-7	KPT-20	4/7/2004	UG/L	**24**	
KPT-7	KPT-20	4/7/2004	UG/L	**10**	
KPT-7	KPT-20	10/19/2004	UG/L	**253**	
KPT-7	KPT-20	10/19/2004	UG/L	**206**	
KPT-7	KPT-7	11/16/1994	UG/L	**1700**	
KPT-7	KPT-7	3/22/1995	UG/L	**350**	
KPT-7	KPT-7	9/12/1996	UG/L	**360**	
KPT-7	KPT-7	11/6/1996	UG/L	**1200**	
KPT-7	KPT-7	12/18/1996	UG/L	**540**	
KPT-7	KPT-7	1/17/1997	UG/L	**200**	
KPT-7	KPT-7	2/20/1997	UG/L	**250**	
KPT-7	KPT-7	3/18/1997	UG/L	**89**	
KPT-7	KPT-7	8/20/1997	UG/L	**580**	
KPT-7	KPT-7	8/6/2002	UG/L	**220**	
KPT-7	KPT-7	4/2/2003	UG/L	**3.4**	
KPT-7	KPT-7	10/1/2003	UG/L	**25**	
KPT-7	KPT-7	10/1/2003	UG/L	**25**	**130**
KPT-7	KPT-7	4/7/2004	UG/L	24U	
KPT-7	KPT-7	4/7/2004	UG/L	**8.1**	
KPT-7	KPT-7	10/19/2004	UG/L	**267J**	
KPT-7	KPT-7	10/19/2004	UG/L	**181**	
KPT-7	KPT-7-299	2/22/1999	UG/L	**120**	
KPT-7	KPT-7-898	8/27/1998	UG/L	**370**	

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
KPT-7	KPT-7	7/9/2001	UG/L	480D	
KPT-7	KPT-7 NP	7/9/2001	UG/L		370
KPT-8	KPT-8	11/16/1994	UG/L	37	
KPT-8	KPT-8	3/22/1995	UG/L	16	
KPT-8	KPT-8	9/15/1996	UG/L	21	
KPT-8	KPT-8	12/20/1996	UG/L	8.4	
KPT-8	KPT-8	8/23/1997	UG/L	6.5	
KPT-8	KPT-88 DUP	3/22/1995	UG/L	16	
KPT-8	KPT-8-898	8/27/1998	UG/L	8.8	
KPT-9	KPT-9	9/18/1996	UG/L	58	
KPT-9	KPT-9	11/6/1996	UG/L	72	
KPT-9	KPT-90 DUP	12/18/1996	UG/L	54	
KPT-9	KPT-9	12/18/1996	UG/L	65	
KPT-9	KPT-9	1/14/1997	UG/L	51	
KPT-9	KPT-9	2/20/1997	UG/L	42	
KPT-9	KPT-9	8/21/1997	UG/L	64	
KPT-9	KPT-9	8/6/2002	UG/L	4	
KPT-9	KPT-9	10/1/2003	UG/L	1.1	
KPT-9	KPT-9	4/7/2004	UG/L	0.94	
KPT-9	KPT-9	10/19/2004	UG/L	1	
KPT-9	KPT-9-299	2/22/1999	UG/L	35	
KPT-9	KPT-9-898	8/27/1998	UG/L	51	
KPT-9	KPT-9	7/9/2001	UG/L	1000	
OMW-1	OMW-1	4/2/2003	UG/L	260	
OMW-1	OMW-1	4/7/2004	UG/L	1100	
OMW-1	OMW-1	10/19/2004	UG/L	180	
OMW-2	OMW-2	4/2/2003	UG/L	590	
OMW-2	OMW-2	4/7/2004	UG/L	92	
OMW-2	OMW-2	10/19/2004	UG/L	197	
OMW-2	OMW-2	7/9/2001	UG/L	350	
OMW-3	OMW-3	4/7/2004	UG/L	230	
OMW-3	OMW-3	10/19/2004	UG/L	1020	
OMW-4	OMW-4	4/2/2003	UG/L	770	
OMW-4	OMW-4	4/7/2004	UG/L	1100	
OSW-1	OSW-1	9/12/1996	UG/L	1400	
OSW-1	OSW-1	11/6/1996	UG/L	4100	
OSW-1	OSW-1	12/18/1996	UG/L	74000	
OSW-1	OSW-1	1/17/1997	UG/L	9600	
OSW-1	OSW-1	2/20/1997	UG/L	11000	
OSW-1	OSW-1	3/18/1997	UG/L	5300	
OSW-1	OSW-1	8/20/1997	UG/L	5700	
OSW-1	OSW-101-898	8/27/1998	UG/L	3000	
OSW-1	OSW-1-299	2/22/1999	UG/L	8200	
OSW-1	OSW-1-898	8/27/1998	UG/L	2700	
OSW-1	OSW-1	1/17/1997	UG/L	9600	
OSW-2	KPT-20	1/17/1997	UG/L	1600	
OSW-2	KPT-20	2/20/1997	UG/L	1900	
OSW-2	OSW-2	9/12/1996	UG/L	1500	
OSW-2	OSW-2	11/6/1996	UG/L	4200	
OSW-2	OSW-2	12/18/1996	UG/L	5700	
OSW-2	OSW-2	1/17/1997	UG/L	1500	
OSW-2	OSW-2	2/20/1997	UG/L	1800	
OSW-2	OSW-2	3/18/1997	UG/L	1000	
OSW-2	OSW-2	8/20/1997	UG/L	5800	
OSW-2	OSW-200	8/21/1997	UG/L	5400	
OSW-2	OSW-2	4/2/2003	UG/L	190	
OSW-2	OSW-2	10/1/2003	UG/L	130	
OSW-2	OSW-2	4/7/2004	UG/L	250	

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
OSW-2	OSW-2	10/19/2004	UG/L	**544**	
OSW-2	OSW-2-299	2/22/1999	UG/L	**340**	
OSW-2	OSW-2-898	8/27/1998	UG/L	**1200**	
OSW-2	OSW-2	7/9/2001	UG/L	**850**	
PW-1	PW-1-299	2/24/1999	UG/L	0.25U	
PW-1	PW-1-898	8/28/1998	UG/L	**1.8Y**	
PW-1	PW-1	8/28/1998	UG/L	50U	
PW-3	PW-3	8/6/1993	UG/L	0.05U	
PW-3	PW-3	8/6/1993	UG/L	1.8U	
PWS-1	KPT-EW-1	6/20/1991	UG/L	0.5U	
PWS-2	SW4987	8/26/1992	UG/L	50U	
RW-1	KPT-RW-1	6/20/1991	UG/L	0.5U	
RW-1	BENSON-BNA	1/26/1995	UG/L	50U	
RW-1	SW4852	1/31/1992	UG/L	**50**	
RW-1	93W 106882	12/16/1993	UG/L	50U	
RW-1	93W 106882 Dup	12/16/1993	UG/L	50U	
RW-1	95-45765	7/26/1995	UG/L	0.1U	
RW-1	96-36705	6/4/1996	UG/L	0.1U	
RW-1	97-14861	1/29/1997	UG/L	0.1U	
RW-1	97-50863	8/20/1997	UG/L	0.1U	
RW-1	98-26860	4/8/1998	UG/L	0.1U	
RW-1	SW4988	8/26/1992	UG/L	50U	
RW-1	SW5052	2/9/1993	UG/L	0.05U	
RW-1	SW4852	1/28/1992	UG/L	0.05U	
RW-10	93W 106884	12/16/1993	UG/L	50U	
RW-10	94-58392	11/22/1994	UG/L	50U	
RW-10	95-45764	7/26/1995	UG/L	0.1U	
RW-10	SW4989	8/26/1992	UG/L	50U	
RW-10	SW5051	2/8/1993	UG/L	0.05U	
RW-11	SW4985	8/26/1992	UG/L	50U	
RW-11	SW4985 DUP	8/26/1992	UG/L	50U	
RW-11	SW5053	2/9/1993	UG/L	0.05U	
RW-2	Rask Well	9/12/1996	UG/L	0.25U	
RW-2	Rask Well	12/18/1996	UG/L	0.25U	
RW-2	KPT-RW-2	6/20/1991	UG/L	0.5U	
RW-2	96-31882	5/10/1996	UG/L	**0.068J**	
RW-2	SW4856	1/31/1992	UG/L	**50**	
RW-2	96-36706	6/4/1996	UG/L	**0.17**	
RW-2	96-55968	9/13/1996	UG/L	**0.26**	
RW-2	97-14862	1/29/1997	UG/L	0.1U	
RW-2	97-22973	3/18/1997	UG/L	**1J**	
RW-2	SW4856	1/28/1992	UG/L	0.05U	
RW-3	KPT-RW-3	6/20/1991	UG/L	0.5U	
RW-4	KPT-RW-4	6/20/1991	UG/L	**0.7**	
RW-4	SW4854	1/31/1992	UG/L	**50**	
RW-4	93W 106883	12/16/1993	UG/L	50U	
RW-4	98-18360	2/19/1998	UG/L	0.1U	
RW-4	SW4986	8/26/1992	UG/L	50U	
RW-4	SW4854	1/28/1992	UG/L	0.05U	
RW-5	KPT-RW-5	6/20/1991	UG/L	0.5U	
RW-5	SW4853	1/31/1992	UG/L	**50**	
RW-5	SW4853	1/28/1992	UG/L	0.05U	
RW-5	92-4154	1/20/1992	UG/L	50U	
RW-6	KPT-RW-6	6/20/1991	UG/L	0.5U	
RW-7	KPT-RW-7	6/20/1991	UG/L	0.5U	
RW-7	SW4855	1/31/1992	UG/L	**50**	
RW-7	93W 106885	12/16/1993	UG/L	50U	
RW-7	95-45763	7/26/1995	UG/L	0.1U	
RW-7	96-36704	6/4/1996	UG/L	0.1U	
RW-7	97-14863	1/29/1997	UG/L	0.1U	
RW-7	97-50864	8/20/1997	UG/L	0.1U	
RW-7	98-18358	2/19/1998	UG/L	0.1U	

Appendix D - Groundwater Data
Pentachlorophenol

STATION	SAMPLE	DATE	UNITS	PENTACHLOROPHENOL	PENTACHLOROPHENOL, NP
RW-7	SW4990	8/26/1992	UG/L	50U	
RW-7	SW5050	2/8/1993	UG/L	0.05U	
RW-7	SW4855	1/28/1992	UG/L	0.05U	
RW-7	94-58395	11/23/1994	UG/L	50U	
RW-8	KPT-RW-8	6/20/1991	UG/L	0.5U	
RW-9	KPT-RW-9	6/20/1991	UG/L	0.5U	
SW-5	SW-5-A	6/24/1992	UG/L	13U	
SW-6	SW-6-A	6/24/1992	UG/L	10U	
SW-7	SW-7-A	6/24/1992	UG/L	10U	
SW-9	SW-109-898	8/28/1998	UG/L	0.25U	
SW-9	SW-20-299	2/24/1999	UG/L	0.25U	
SW-9	SW-9-898	8/28/1998	UG/L	0.25U	
UNKNOWN	STRUNK	1/27/1995	UG/L	50U	
UNKNOWN	CAMERON	1/27/1995	UG/L	50U	
UNKNOWN	98-18359	2/19/1998	UG/L	0.1U	

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L Micrograms per liter

NP Samples collected using a no-purge method

D Sample dilution

J Estimated concentration

U Analyte analyzed for but not detected; reported with detection limit value

Y Indicates a raised detection limit due to matrix interference

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	CLCW-1	CLCW-1	CLCW-1	CLCW-1	EH-1	EH-2	EH-3	GW-5	GW-5
SAMPLE	CLCW-1	CLCW-1	CLCW-1	CLCW-1	92-4151	92-4152	92-4153	GW-5	GW-5
DATE	8/7/1995	10/23/1995	8/7/1995	8/6/1993	1/20/1992	1/20/1992	1/20/1992	8/21/1997	10/1/2003
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									490
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									330
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									430
DIESEL									
DIESEL RANGE ORGANICS	60000							560	
DIESEL RANGE ORGANICS AS DIESEL	56000							560	
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	1000			804					
GASOLINE RANGE ORGANICS AS GASOLINE	1000			804					
TOTAL EXTRACTABLE HYDROCARBONS								560	
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON					17700	100U	100U		
TOTAL PETROLEUM HYDROCARBONS									3100
TOTAL PURGEABLE HYDROCARBONS				1912					
TPH AS DIESEL BY GC-FID	67000	15	30000						
TPH AS GASOLINE BY GC	3700	2U	450						

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GW-5	GW-5	GW-5	GW-5	GWRM-1	GWRM-2	GWRR-1	GWRR-1	GWRR-2
SAMPLE	GW-5	KPT-GW-5	96-55697	97-50866	MW1-01	MW2-01	GWRR-1	GWRR-1	GWRR-2
DATE	4/11/1996	4/10/1996	9/13/1996	8/21/1997	4/14/2005	4/14/2005	8/21/1997	4/10/1996	4/2/2003
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									**5200**
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									**3300**
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									**19000**
DIESEL		500U						5000U	
DIESEL RANGE ORGANICS	**0.29**	500U	**540**	**600**			**16000**	**42000**	
DIESEL RANGE ORGANICS AS DIESEL			500U	**600**			500U		
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN					**2100**	**4100**			
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS		500U	720U	**630**			**21000**	**62000**	
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GWRR-2	GWRR-2	GWRR-2	GWRR-3	GWRR-3	GWRR-4	GWRR-5	GWRR-6	GWRR-6
SAMPLE	GWRR-2	GWRR-2	GWRR-2	GWRR-3	GWRR-3	GWRR-4	GWRR-5	GWRR-6	GWRR-6
DATE	10/1/2003	4/7/2004	7/10/2001	8/21/1997	4/10/1996	4/10/1996	4/10/1996	4/10/1996	10/1/2002
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS	**2000**	**350**	**11000**						
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS	**1800**	**530**	**8800**						
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									21U
C9-C18 ALIPHATICS	**3900**	**760**	**19000**						
DIESEL					2600U	500U	**14000**	5000U	
DIESEL RANGE ORGANICS				**46000**	**42000**	500U	**14000**	**5600**	
DIESEL RANGE ORGANICS AS DIESEL				500U					
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN			**43000**						
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS			**40000**	**47000**	**44000**	500U	**17000**	**8300**	
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS	**11000**	**2600**							
TOTAL PURGEABLE HYDROCARBONS									**39**
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GWRR-7	GWRR-7	GWRR-7	GWRR-8	GWRR-8	GWRR-9	GWY-10	GWY-10
SAMPLE	GWRR-7	GWRR-7-DUP	GWRR-7	MCW-0402-2	MCW-0402-3 DUP	MCW-0402-1	EXK-0502-102	MW-10
DATE	8/21/1997	4/10/1996	4/10/1996	4/24/2002	4/24/2002	4/24/2002	5/8/2002	8/7/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS								
C11-C22 AROMATICS						**2.6**	1670U	
C12-C16 ALIPHATICS								
C16-C21 ALIPHATICS								
C19-C36 ALIPHATICS						**2.1**	667U	
C21-C34 ALIPHATICS								
C5-C8 ALIPHATICS				20U	20U	**198**	100U	
C8-C10 ALIPHATICS								
C9-C10 AROMATICS				20U	20U	**1100**	100U	
C9-C11 AROMATICS								
C9-C12 ALIPHATICS				20U	20U	**1080**	100U	
C9-C18 ALIPHATICS						**3.5**	667U	
DIESEL		5000U	5000U					
DIESEL RANGE ORGANICS	**156000**		**39000**					
DIESEL RANGE ORGANICS AS DIESEL	500U							
DIESEL RANGE ORGANICS AS MOTOR OIL								
EPH SCREEN								
EXTRACTABLE HYDROCARBONS								
GASOLINE RANGE ORGANICS								
GASOLINE RANGE ORGANICS AS GASOLINE								
TOTAL EXTRACTABLE HYDROCARBONS	**200000**		**42000**	**320**	**320**	**9.2**		
TOTAL EXTRACTABLE HYDROCARBONS, NP								
TOTAL PETROLEUM HYDROCARBON								
TOTAL PETROLEUM HYDROCARBONS								
TOTAL PURGEABLE HYDROCARBONS				20U	20U	**1860**		
TPH AS DIESEL BY GC-FID								**1400**
TPH AS GASOLINE BY GC								50U

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GWY-10	GWY-11	GWY-11	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12
SAMPLE	MW-10	MW-11	MW-11	EXK-0502-103	MW-12	MW-12	GWY-12	97-50865
DATE	10/23/1995	8/7/1995	10/23/1995	5/8/2002	8/7/1995	10/23/1995	4/10/1996	8/21/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS								
C11-C22 AROMATICS								
C12-C16 ALIPHATICS								
C16-C21 ALIPHATICS								
C19-C36 ALIPHATICS								
C21-C34 ALIPHATICS								
C5-C8 ALIPHATICS				100U				
C8-C10 ALIPHATICS								
C9-C10 AROMATICS				100U				
C9-C11 AROMATICS								
C9-C12 ALIPHATICS				100U				
C9-C18 ALIPHATICS								
DIESEL							500U	
DIESEL RANGE ORGANICS							**640**	**500J**
DIESEL RANGE ORGANICS AS DIESEL								**500J**
DIESEL RANGE ORGANICS AS MOTOR OIL								
EPH SCREEN								
EXTRACTABLE HYDROCARBONS								
GASOLINE RANGE ORGANICS								
GASOLINE RANGE ORGANICS AS GASOLINE								
TOTAL EXTRACTABLE HYDROCARBONS							**710**	**500J**
TOTAL EXTRACTABLE HYDROCARBONS, NP								
TOTAL PETROLEUM HYDROCARBON								
TOTAL PETROLEUM HYDROCARBONS				**912**				
TOTAL PURGEABLE HYDROCARBONS								
TPH AS DIESEL BY GC-FID	**670**	**1000**			**1100**			
TPH AS GASOLINE BY GC	50U	50U	50U		50U	50U		

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GWY-12	GWY-13	GWY-13	GWY-13	GWY-13	GWY-13	GWY-14	GWY-14
SAMPLE	MW-12	EXK-0502-104	MW-13	MW-13	MW-13	MW-13	GWY-14	GWY-14
DATE	11/29/2000	5/8/2002	7/14/1998	8/7/1995	10/23/1995	11/29/2000	7/10/2001	7/10/2001
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS			50U					
C11-C22 AROMATICS								
C12-C16 ALIPHATICS			50U					
C16-C21 ALIPHATICS			50U					
C19-C36 ALIPHATICS								
C21-C34 ALIPHATICS			50U					
C5-C8 ALIPHATICS		100U	50U			46U		
C8-C10 ALIPHATICS			50U					
C9-C10 AROMATICS	27U	100U				179U		
C9-C11 AROMATICS			50U					
C9-C12 ALIPHATICS	93U	100U				965U		
C9-C18 ALIPHATICS								
DIESEL								
DIESEL RANGE ORGANICS			**0.507**					
DIESEL RANGE ORGANICS AS DIESEL			**0.406**					
DIESEL RANGE ORGANICS AS MOTOR OIL								
EPH SCREEN								300U
EXTRACTABLE HYDROCARBONS			**58.2**					
GASOLINE RANGE ORGANICS			250U					
GASOLINE RANGE ORGANICS AS GASOLINE			250U					
TOTAL EXTRACTABLE HYDROCARBONS			**0.593**				300U	
TOTAL EXTRACTABLE HYDROCARBONS, NP								
TOTAL PETROLEUM HYDROCARBON								
TOTAL PETROLEUM HYDROCARBONS	72U		**925**			464U		
TOTAL PURGEABLE HYDROCARBONS								
TPH AS DIESEL BY GC-FID				**7400**	**3200**			
TPH AS GASOLINE BY GC				**150**	50U			

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GWY-14	GWY-14	GWY-14	GWY-14	GWY-3	GWY-3	GWY-3	GWY-4	GWY-4
SAMPLE	EXK-0502-101	MW-14	MW-14	MW-14	EXK-0502-100	MW-3	MW-3	GWY-4	GWY-4
DATE	5/8/2002	7/14/1998	8/7/1995	10/23/1995	5/8/2002	8/7/1995	10/23/1995	8/6/2002	4/3/2003
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS	100U							**530**	**1700**
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS	100U							100U	**520**
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS	100U	50U			100U				
C8-C10 ALIPHATICS									
C9-C10 AROMATICS	100U				100U				
C9-C11 AROMATICS		50U							
C9-C12 ALIPHATICS	100U				100U				
C9-C18 ALIPHATICS	100U							**210**	**4500**
DIESEL									
DIESEL RANGE ORGANICS		**18.3**							
DIESEL RANGE ORGANICS AS DIESEL		**18.3**							
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS		**9050**							
GASOLINE RANGE ORGANICS		50U							
GASOLINE RANGE ORGANICS AS GASOLINE		50U							
TOTAL EXTRACTABLE HYDROCARBONS		**15.9**							
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS		50U			**200**			**3100**	
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID			**1600**	**8400**		**640**	**840**		
TPH AS GASOLINE BY GC			50U	50U		50U	50U		

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4
SAMPLE	GWY-4	GWY-4	GWY-4	GWY-4	EXK-0502-105	EXK-0502-106	MW-4	MW-4
DATE	10/1/2003	4/7/2004	10/20/2004	7/10/2001	5/8/2002	5/8/2002	7/14/1998	8/7/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS								
C11-C22 AROMATICS	**2000**	**2800**	**1300J**	**2600**	**263**	**250**		
C12-C16 ALIPHATICS								
C16-C21 ALIPHATICS								
C19-C36 ALIPHATICS	**970**	**460**	**490J**	**2100**	100U	100U		
C21-C34 ALIPHATICS								
C5-C8 ALIPHATICS					100U	100U		
C8-C10 ALIPHATICS								
C9-C10 AROMATICS					**108**	**135**		
C9-C11 AROMATICS								
C9-C12 ALIPHATICS					100U	100U		
C9-C18 ALIPHATICS	**3000**	**4100**	**1100J**	**7100**	**207**	**132**		
DIESEL								
DIESEL RANGE ORGANICS								
DIESEL RANGE ORGANICS AS DIESEL								
DIESEL RANGE ORGANICS AS MOTOR OIL								
EPH SCREEN				**20000**				
EXTRACTABLE HYDROCARBONS								
GASOLINE RANGE ORGANICS							250000U	
GASOLINE RANGE ORGANICS AS GASOLINE								
TOTAL EXTRACTABLE HYDROCARBONS				**12000**			**43500**	
TOTAL EXTRACTABLE HYDROCARBONS, NP								
TOTAL PETROLEUM HYDROCARBON								
TOTAL PETROLEUM HYDROCARBONS	**12000**	**9800**	**2800J**					
TOTAL PURGEABLE HYDROCARBONS							**1290000**	
TPH AS DIESEL BY GC-FID								**9300**
TPH AS GASOLINE BY GC								**580**

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	GWY-4	GWY-4	GWY-7	GWY-7	GWY-8	GWY-8	GWY-9	GWY-9	KPT-1
SAMPLE	MW-4	MW-4	MW-7	MW-7	MW-8	MW-8	MW-9	MW-9	KPT-1
DATE	10/23/1995	11/29/2000	8/7/1995	10/23/1995	8/7/1995	10/23/1995	8/7/1995	10/23/1995	10/1/2003
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									100U
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									100U
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS		78U							
C8-C10 ALIPHATICS									
C9-C10 AROMATICS		201U							
C9-C11 AROMATICS									
C9-C12 ALIPHATICS		1010U							
C9-C18 ALIPHATICS									100U
DIESEL									
DIESEL RANGE ORGANICS									
DIESEL RANGE ORGANICS AS DIESEL									
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS									
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS		509U							100U
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID	**7200**		**34000**	**13000**	**330**		**5800**	**1.9**	
TPH AS GASOLINE BY GC	50U		50U	50U	50U	50U	**84**	50U	

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	KPT-10	KPT-12	KPT-12	KPT-14	KPT-16	KPT-16	KPT-2	KPT-4	KPT-5
SAMPLE	KPT-10	KPT-12	KPT-12	KPT-14	KPT-16	KPT-16 DUP	KPT-20	KPT-4	KPT-20
DATE	8/20/1997	7/9/2001	7/9/2001	8/21/1997	7/9/2001	7/9/2001	11/6/1996	4/7/2004	7/9/2001
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS								**58000**	
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS								**3400**	
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS								**25000**	
DIESEL									
DIESEL RANGE ORGANICS	500U			500U					
DIESEL RANGE ORGANICS AS DIESEL	500U			500U			**41000**		
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN			**710**		300U	300U			
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS	500U	**710**		500U					300U
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS								**110000**	
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	KPT-5	KPT-5	KPT-5	KPT-6	KPT-6	KPT-6	KPT-6	KPT-6	KPT-7
SAMPLE	KPT-5	KPT-5	96-55966	KPT-6	KPT-6	KPT-6	KPT-6	KPT-6	KPT-20
DATE	9/13/1996	7/9/2001	9/13/1996	8/6/2002	4/2/2003	10/1/2003	4/7/2004	10/19/2004	8/6/2002
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS				46000	20000	2300	34000	39000J	1000
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS				10000	880	480	18000	6900J	380
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS				25000	14000	670	35000	9500J	410
DIESEL									
DIESEL RANGE ORGANICS	500U		500U						
DIESEL RANGE ORGANICS AS DIESEL	500U		500U						
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS	500U	300U	500U						
TOTAL EXTRACTABLE HYDROCARBONS, NP		300U							
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS				23000		5800	76000	55000J	3200
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
SAMPLE	KPT-20	KPT-20	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-70	KPT-7
DATE	4/2/2003	10/19/2004	9/12/1996	11/6/1996	12/18/1996	1/17/1997	2/20/1997	8/20/1997	8/20/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS	1800	670J							
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS	180	100J							
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS	800	180J							
DIESEL									
DIESEL RANGE ORGANICS								18000	9700
DIESEL RANGE ORGANICS AS DIESEL			6300	53000	11000	4100	4100	18000	9700
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS								18000	9900
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS		950J							
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
SAMPLE	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7-299	KPT-7-898	KPT-7	KPT-7 NP
DATE	8/6/2002	4/2/2003	10/1/2003	4/7/2004	10/19/2004	2/22/1999	8/27/1998	7/9/2001	7/9/2001
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS	**710**	**1100**	100U	**2000**	**610**			610U	600U
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS	**360**	**100**	100U	**250**	100U			610U	600U
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS	**380**	**730**	100U	**720**	**100J**			610U	600U
DIESEL									
DIESEL RANGE ORGANICS						**10000**	**45000**	**3800D**	**2200D**
DIESEL RANGE ORGANICS AS DIESEL						**10000**	**45000**		
DIESEL RANGE ORGANICS AS MOTOR OIL								500U	500U
EPH SCREEN								**3200**	**1700**
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS						**11000**	**46000**	**1100**	600U
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS	**2600**		**340**	**3300**	**750**				
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	KPT-7	KPT-9	KPT-9	KPT-9	KPT-9	KPT-9	KPT-9	KPT-9	KPT-9
SAMPLE	KPT-7	KPT-9	KPT-9	KPT-9	KPT-9	KPT-9-299	KPT-9-898	KPT-9	KPT-9
DATE	8/20/1997	11/6/1996	1/14/1997	2/20/1997	8/21/1997	2/22/1999	8/27/1998	7/9/2001	1/17/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS	**18**				500U	540U	500U	250U	
DIESEL RANGE ORGANICS AS DIESEL	**18**	500U	500U	500U	500U	540U	500U		0.5U
DIESEL RANGE ORGANICS AS MOTOR OIL								500U	
EPH SCREEN								310U	
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS	**18**				500U	540U	500U		
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	NW-1	NW-1	NW-1	NW-1	NW-1	NW-2	NW-2	NW-2	NW-2
SAMPLE	94-50792	95-14212	95-25974	95-43537	95-67390	94-50794	95-14213	95-25975	95-43534
DATE	10/11/1994	1/19/1995	4/14/1995	7/13/1995	10/26/1995	10/11/1994	1/19/1995	4/13/1995	7/12/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS									
DIESEL RANGE ORGANICS AS DIESEL									
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	**199**	20U	20U	20U	**20J**	**15100**	**259**	**487**	20U
GASOLINE RANGE ORGANICS AS GASOLINE	**199**	20U	20U	20U	**20J**	**1510**	**259**	**487**	20U
TOTAL EXTRACTABLE HYDROCARBONS									
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS	**310**	20U	20U	20U	**25**	**20600**	**357**	**670**	20U
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	NW-2	NW-2	NW-3	NW-3	NW-3	NW-3	NW-3	NW-3	NW-4
SAMPLE	95-67396	96-43775	94-50789	95-14214	95-25976	95-43535	95-67395	96-43774	94-50791
DATE	10/26/1995	7/17/1996	10/11/1994	1/19/1995	4/14/1995	7/13/1995	10/26/1995	7/17/1996	10/11/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS									
DIESEL RANGE ORGANICS AS DIESEL									
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	**1380**	**264**	**104**	**332**	**162**	**157**	**125**	**184**	**11500**
GASOLINE RANGE ORGANICS AS GASOLINE	**1380**	**264**	**104**	**332**	**162**	**157**	**125**	**184**	**11500**
TOTAL EXTRACTABLE HYDROCARBONS									
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS	**1670**	**668**	**169**	**461**	**266**	**262**	**194**	**318**	**13700**
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	NW-4	OMW-2	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1
SAMPLE	96-43771	OMW-2	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-101-898
DATE	7/17/1996	7/9/2001	9/12/1996	11/6/1996	12/18/1996	1/17/1997	2/20/1997	8/20/1997	8/27/1998
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS		**1200**							
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS		610U							
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS		610U							
DIESEL									
DIESEL RANGE ORGANICS		**1800D**						**38000**	**62000**
DIESEL RANGE ORGANICS AS DIESEL			**12000**	**13000**	**2100000**	**708000**	**537000**	**38000**	**62000**
DIESEL RANGE ORGANICS AS MOTOR OIL		500U							
EPH SCREEN		**6400**							
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	**18600**								
GASOLINE RANGE ORGANICS AS GASOLINE	**18600**								
TOTAL EXTRACTABLE HYDROCARBONS		**1800**						**39000**	**65000**
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS	**24000**								
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	OSW-1	OSW-1	OSW-1	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2
SAMPLE	OSW-1-299	OSW-1-898	OSW-1	KPT-20	KPT-20	OSW-2	OSW-2	OSW-2	OSW-2
DATE	2/22/1999	8/27/1998	1/17/1997	1/17/1997	2/20/1997	9/12/1996	11/6/1996	12/18/1996	1/17/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS	**940000**	**125000**							
DIESEL RANGE ORGANICS AS DIESEL	**940000**	**125000**	**708**	**1600**	**1200**	**9100**	**5200**	**3800**	**2300**
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS	**959000**	**128000**							
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	PW-1	PW-1	PW-1	PW-2C
SAMPLE	OSW-2	OSW-2	OSW-2-299	OSW-2-898	OSW-2	PW1-TPH	94-50796	96-43772	PW2C-TPH
DATE	2/20/1997	8/20/1997	2/22/1999	8/27/1998	7/9/2001	3/23/1993	10/11/1994	7/17/1996	3/23/1993
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS					1100				
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS					630				
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS					1100				
DIESEL									
DIESEL RANGE ORGANICS		8500	1700	4600	11000D				
DIESEL RANGE ORGANICS AS DIESEL	1800	8500	590U	4600					
DIESEL RANGE ORGANICS AS MOTOR OIL					760				
EPH SCREEN					4100				
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS						6600D	30200	20800	320
GASOLINE RANGE ORGANICS AS GASOLINE							30200	20800	
TOTAL EXTRACTABLE HYDROCARBONS		9200	2100	5100	2900				
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS							34300	29100	
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	PW-2C	PW-2C	PW-2C	PW-2C	PW-2C	PW-2C	PW-2D	PW-2D	PW-2D
SAMPLE	94-50790	95-14215	95-25972	95-43530	95-67389	96-43779	PW2D-TPH	95-14216	95-43531
DATE	10/11/1994	1/19/1995	4/4/1995	7/12/1995	10/26/1995	7/17/1996	3/23/1993	1/19/1995	7/13/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS									
DIESEL RANGE ORGANICS AS DIESEL									
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	**817**	20U	20U	20U	20U	20U	**5000D**	**8020**	**20100**
GASOLINE RANGE ORGANICS AS GASOLINE	**817**	20U	20U	20U	20U	20U		**8020**	**20100**
TOTAL EXTRACTABLE HYDROCARBONS									
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS	**1200**	20U	**22**	20U	20U	20U		**11400**	**25200**
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	PW-2D	PW-2D	PW-3	PW-3	PW-3	PW-3	PW-3	PW-3	PW-3
SAMPLE	95-67397	96-43773	PW-3	PW3-TPH	94-50793	95-14217	95-25973	95-43536	95-67391
DATE	10/26/1995	7/17/1996	8/6/1993	3/23/1993	10/11/1994	1/19/1995	4/13/1995	7/15/1995	10/26/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS									
DIESEL RANGE ORGANICS AS DIESEL									
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	**4380**	**13200**	**24700**	**4500D**	**16400**	**1860**	**2560**	**3610**	**965**
GASOLINE RANGE ORGANICS AS GASOLINE	**4380**	**13200**	**24700**		**16400**	**1860**	**2560**	**3610**	**965**
TOTAL EXTRACTABLE HYDROCARBONS									
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS			**27900**						
TOTAL PURGEABLE HYDROCARBONS	**5190**	**16200**			**19200**	**2250**	**3280**	**5670**	**1160**
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	PW-3	PWS-2	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1	RW-10
SAMPLE	96-43777	SW4987	RW-1	SW4988	96-36705	97-14861	97-50863	98-26860	SW4989
DATE	7/17/1996	8/26/1992	8/26/1992	8/26/1992	6/4/1996	1/29/1997	8/20/1997	4/8/1998	8/26/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS					500U	500U	500U	500U	
DIESEL RANGE ORGANICS AS DIESEL					500U	500U	500U	500U	
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	**4480**								
GASOLINE RANGE ORGANICS AS GASOLINE	**4480**								
TOTAL EXTRACTABLE HYDROCARBONS					500U	500U	500U	500U	
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS		100U	100U	100U					100U
TOTAL PURGEABLE HYDROCARBONS	**5390**								
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	RW-11	RW-2	RW-2	RW-2	RW-2	RW-4	RW-4	RW-5	RW-5
SAMPLE	SW4985	96-31882	96-55968	97-14862	97-22973	SW4986	98-18360	KPT-RW-5	SW4853
DATE	8/26/1992	5/10/1996	9/13/1996	1/29/1997	3/18/1997	8/26/1992	2/19/1998	6/20/1991	1/28/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS		**930**	500U	500U	450U		500U		
DIESEL RANGE ORGANICS AS DIESEL		**930**	500U	500U	450U		500U		
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS									
GASOLINE RANGE ORGANICS AS GASOLINE									
TOTAL EXTRACTABLE HYDROCARBONS		**1100**	500U	500U	450U		500U		
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS	100U					100U		741U	100U
TOTAL PURGEABLE HYDROCARBONS									
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	RW-5	RW-7	RW-7	RW-7	RW-7	RW-7	SW-7	SW-7	SW-7
SAMPLE	92-4154	96-36704	97-14863	97-50864	98-18358	SW4990	94-50787	95-14218	95-25977
DATE	1/20/1992	6/4/1996	1/29/1997	8/20/1997	2/19/1998	8/26/1992	10/11/1994	1/19/1995	4/13/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS		500U	500U	500U	500U				
DIESEL RANGE ORGANICS AS DIESEL		500U	500U	500U	500U				
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS							20U	20U	20U
GASOLINE RANGE ORGANICS AS GASOLINE							20U	20U	20U
TOTAL EXTRACTABLE HYDROCARBONS		500U	500U	500U	500U				
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON	100U								
TOTAL PETROLEUM HYDROCARBONS						100U			
TOTAL PURGEABLE HYDROCARBONS							20U	20U	20U
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	SW-7	SW-7	SW-8	SW-8	SW-8	SW-8	SW-8	SW-8	SW-9
SAMPLE	95-43538	95-67392	94-50795	95-14219	95-25978	95-43532	95-67394	96-43778	94-50788
DATE	7/13/1995	10/26/1995	10/11/1994	1/19/1995	4/13/1995	7/13/1995	10/26/1995	7/17/1996	10/11/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS									
C11-C22 AROMATICS									
C12-C16 ALIPHATICS									
C16-C21 ALIPHATICS									
C19-C36 ALIPHATICS									
C21-C34 ALIPHATICS									
C5-C8 ALIPHATICS									
C8-C10 ALIPHATICS									
C9-C10 AROMATICS									
C9-C11 AROMATICS									
C9-C12 ALIPHATICS									
C9-C18 ALIPHATICS									
DIESEL									
DIESEL RANGE ORGANICS									
DIESEL RANGE ORGANICS AS DIESEL									
DIESEL RANGE ORGANICS AS MOTOR OIL									
EPH SCREEN									
EXTRACTABLE HYDROCARBONS									
GASOLINE RANGE ORGANICS	20U	20U	**6220**	**44**	**114**	**2900**	**65**	**692**	**609**
GASOLINE RANGE ORGANICS AS GASOLINE	20U	20U	**6220**	**44**	**114**	**2900**	**65**	**692**	**609**
TOTAL EXTRACTABLE HYDROCARBONS									
TOTAL EXTRACTABLE HYDROCARBONS, NP									
TOTAL PETROLEUM HYDROCARBON									
TOTAL PETROLEUM HYDROCARBONS									
TOTAL PURGEABLE HYDROCARBONS	20U	20U	**8030**	**57**	**174**	**3800**	**85**	**945**	**763**
TPH AS DIESEL BY GC-FID									
TPH AS GASOLINE BY GC									

Appendix D - Groundwater Data
Petroleum Hydrocarbon

STATION	SW-9	SW-9	SW-9	SW-9	SW-9	UNKNOWN
SAMPLE	95-14220	95-25979	95-43533	95-67393	96-43776	98-18359
DATE	1/19/1995	4/17/1995	7/12/1995	10/26/1995	7/17/1996	2/19/1998
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
C10-C12 AROMATICS						
C11-C22 AROMATICS						
C12-C16 ALIPHATICS						
C16-C21 ALIPHATICS						
C19-C36 ALIPHATICS						
C21-C34 ALIPHATICS						
C5-C8 ALIPHATICS						
C8-C10 ALIPHATICS						
C9-C10 AROMATICS						
C9-C11 AROMATICS						
C9-C12 ALIPHATICS						
C9-C18 ALIPHATICS						
DIESEL						
DIESEL RANGE ORGANICS						500U
DIESEL RANGE ORGANICS AS DIESEL						500U
DIESEL RANGE ORGANICS AS MOTOR OIL						
EPH SCREEN						
EXTRACTABLE HYDROCARBONS						
GASOLINE RANGE ORGANICS	**388**	**202**	**282**	**266**	**795**	
GASOLINE RANGE ORGANICS AS GASOLINE	**388**	**202**	**282**	**266**	**795**	
TOTAL EXTRACTABLE HYDROCARBONS						500U
TOTAL EXTRACTABLE HYDROCARBONS, NP						
TOTAL PETROLEUM HYDROCARBON						
TOTAL PETROLEUM HYDROCARBONS						
TOTAL PURGEABLE HYDROCARBONS	**531**	**266**	**378**	**335**	**1060**	
TPH AS DIESEL BY GC-FID						
TPH AS GASOLINE BY GC						

Appendix D - Groundwater Data
Petroleum Hydrocarbon

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L	Micrograms per liter
NP	Samples collected using a no-purge method
EPH	Extractable Petroleum Hydrocarbons
TPH	Total Petroleum Hydrocarbons
GC/GC-FID	Gas Chromatography Flame Ionization Detector
D	Sample dilution
J	Estimated concentration
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	CLCW-1	EH-1	EH-1	EH-2	EH-3	GW-1	GW-1	GW-1	GW-1	GW-1
SAMPLE	CLCW-1	92-4151	EH-1-A	92-4152	92-4153	GW-1	GW-1	KPP-GW-1	GW-1	GW-1
DATE	8/7/1995	1/20/1992	6/24/1992	1/20/1992	1/20/1992	12/17/1996	8/22/1997	11/15/1988	8/20/1991	11/16/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	10U	10U	1U	10U	10U			10U		1U
1,2-DICHLOROBENZENE	10U	10U	1U	10U	10U			10U		1U
1,2-DIPHENYLHYDRAZINE			2U							
1,3-DICHLOROBENZENE	10U	10U	1U	10U	10U			10U		1U
1,4-DICHLOROBENZENE	10U	10U	1U	10U	10U			10U		1U
1-METHYLNAPHTHALENE		**21**		10U	10U					
2,2'-OXYBIS(1-CHLOROPROPANE)										1U
2,3,4,5-TETRACHLOROPHENOL						0.25U	0.25U			
2,3,4,6-TETRACHLOROPHENOL							0.25U		10U	
2,3,4-TRICHLOROPHENOL						0.25U	0.25U			
2,3,5,6-TETRACHLOROPHENOL						0.25U				
2,3,6-TRICHLOROPHENOL						0.25U	0.25U			
2,4,5-TRICHLOROPHENOL	20U	10U	2U	10U	10U	0.25U	0.25U	50U		5U
2,4,6-TRICHLOROPHENOL	20U	10U	2U	10U	10U	0.25U	0.25U	10U	10U	5U
2,4-DICHLOROPHENOL	20U	10U	2U	10U	10U			10U		3U
2,4-DIMETHYLPHENOL	20U	10U	1U	10U	10U			10U	10U	3U
2,4-DINITROPHENOL	20U		10U					50U	53U	10U
2,4-DINITROTOLUENE	20U	10U	2U	10U	10U			10U		5U
2,6-DINITROTOLUENE	20U	10U	2U	10U	10U			10U		5U
2-CHLORONAPHTHALENE	20U	10U	1U	10U	10U			10U		1U
2-CHLOROPHENOL	20U	10U	1U	10U	10U			10U	10U	1U
2-METHYLNAPHTHALENE	20U	**35**	**13**	10U	10U			10U		1U
2-METHYLPHENOL	20U	10U	1U	10U	10U			10U		2U
2-NITROANILINE	40U		2U					50U		5U
2-NITROPHENOL	10U	10U	2U	10U	10U			10U		5U
3,3'-DICHLOROBENZIDINE	20U	20U	10U	20U	20U			20U		5U
3-NITROANILINE	20U		5U					50U		6U
4,6-DINITRO-2-METHYLPHENOL	20U	50U	10U	50U	50U			50U		10U
4-BROMOPHENYL-PHENYLETHER	20U	10U	2U	10U	10U			10U		1U
4-CHLORO-3-METHYLPHENOL	20U	10U	2U	10U	10U			10U	10U	2U
4-CHLOROANILINE	10U		1U					10U		3U
4-CHLOROPHENYL-PHENYLETHER	20U	10U	1U	10U	10U			10U		
4-METHYLPHENOL	20U		**8**					10U		1U
4-METHYLPHENOL/3-METHYLPHENOL		10U		10U	10U					
4-NITROANILINE	20U		2U					50U		5U
4-NITROPHENOL	20U	50U	10U	50U	50U			50U		5U
ACENAPHTHENE	20U	10U	1U	10U	10U			10U		1U
ACENAPHTHYLENE	20U	10U	1U	10U	10U			10U	10U	
ANILINE	20U		5U							
ANTHRACENE	20U	10U	1U	10U	10U			10U		1U
AZOBENZENE		10U		10U	10U					
BENZIDINE	100U	20U	25U	20U	20U					
BENZO(A)ANTHRACENE	10U	10U	1U	10U	10U			10U	10U	1U
BENZO(A)PYRENE	10U	10U	1U	10U	10U			10U	10U	1U
BENZO(B)FLUORANTHENE	10U	10U	1U	10U	10U			10U	10U	1U
BENZO(B,K)FLUORANTHENE										
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE	10U	10U	1U	10U	10U			10U		1U
BENZO(K)FLUORANTHENE	10U	10U	1U	10U	10U			10U		1U
BENZOIC ACID	20U		25U					50U		10U
BENZYL ALCOHOL	20U		1U					10U		5U
BIS(2-CHLOROETHOXY)METHANE	20U	10U	1U	10U	10U			10U		1U
BIS(2-CHLOROETHYL)ETHER	20U	10U	1U	10U	10U			10U		2U
BIS(2-CHLOROISOPROPYL)ETHER	20U	10U	1U	10U	10U			10U		
BIS(2-ETHYLHEXYL)PHTHALATE	40U	10U	**1B**	**22**	**22**			10U		1U
BUTYL BENZYL PHTHALATE	10U	10U	1U	10U	10U			10U		1U
CARBAZOLE	20U		1U						10U	1U
CHRYSENE	10U	10U	1U	10U	10U			10U		1U
DIBENZ(A,H)ANTHRACENE	10U	10U	1U	10U	10U			10U	10U	1U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)										
DIBENZOFURAN	20U		1U					10U		1U
DIETHYL PHTHALATE	20U	10U	1U	10U	10U			10U		1U
DIMETHYL PHTHALATE	20U	10U	1U	10U	10U			10U		1U
DI-N-BUTYL PHTHALATE	10U	10U	**1B**	10U	10U			10U		1U
DI-N-OCTYL PHTHALATE	10U	10U	1U	10U	10U			10U		1U
FLUORANTHENE	10U	10U	1U	10U	10U			10U	10U	1U
FLUORENE	20U	10U	**1**	10U	10U			10U		1U
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE	20U	10U	2U	10U	10U			10U		1U
HEXACHLOROBUTADIENE	10U	10U	1U	10U	10U			10U		2U
HEXACHLOROCYCLOPENTADIENE	10U	10U	2U	10U	10U			10U		5U
HEXACHLOROETHANE	20U	10U	2U	10U	10U			10U		2U
INDENO(1,2,3-CD)PYRENE	10U	10U	1U	10U	10U			10U	10U	1U
ISOPHORONE	20U	10U	1U	10U	10U			10U		1U
NITROBENZENE	20U	10U	1U	10U	10U			10U		1U
N-NITROSODIMETHYLAMINE		10U		10U	10U					
N-NITROSODI-N-PROPYLAMINE	20U	10U	1U	10U	10U			10U		2U
N-NITROSODIPHENYLAMINE	20U	10U	1U	10U	10U			10U		1U
N-PROPYLBENZENE										
PHENANTHRENE	20U	10U	**1**	10U	10U			10U	10U	1U
PHENOL	20U	10U	1U	10U	10U			10U	10U	2U
P-ISOPROPYLTOLUENE										
PYRENE	10U	10U	1U	10U	10U			10U		1U
PYRIDINE		20U		20U	20U					

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GW-2	GW-2	GW-2	GW-3	GW-3	GW-3	GW-4	GW-4
SAMPLE	KPP-GW-2	KPP-GW-4 DUP	GW-2	KPP-GW-3	KPT-GW-3	GW-3	KPP-GW-11	KPT-GW-4
DATE	11/15/1988	11/17/1988	8/20/1991	11/16/1988	6/19/1991	8/20/1991	12/18/1989	6/19/1991
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	10J	10J		500U			10U	
1,2-DICHLOROBENZENE	10J	10J		500U			10U	
1,2-DIPHENYLHYDRAZINE								
1,3-DICHLOROBENZENE	10J	10J		500U			10U	
1,4-DICHLOROBENZENE	10J	10J		500U			10U	
1-METHYLNAPHTHALENE								
2,2'-OXYBIS(1-CHLOROPROPANE)								
2,3,4,5-TETRACHLOROPHENOL								
2,3,4,6-TETRACHLOROPHENOL			10U			150		
2,3,4-TRICHLOROPHENOL								
2,3,5,6-TETRACHLOROPHENOL								
2,3,6-TRICHLOROPHENOL								
2,4,5-TRICHLOROPHENOL	50J	50J		2500U	0.5U		50U	0.5U
2,4,6-TRICHLOROPHENOL	10J	10J	10U	500U	0.65J	10U	10U	0.5U
2,4-DICHLOROPHENOL	10J	10J		500U	0.5U		10U	0.5U
2,4-DIMETHYLPHENOL	10J	10J	10U	500U		10U	10U	
2,4-DINITROPHENOL	50J	50J	52U	2500U		51U	50U	
2,4-DINITROTOLUENE	10J	10J		500U			10U	
2,6-DINITROTOLUENE	10J	10J		500U			10U	
2-CHLORONAPHTHALENE	10J	10J		500U			10U	
2-CHLOROPHENOL	10J	10J	10U	500U	0.5U	10U	10U	0.5U
2-METHYLNAPHTHALENE	10J	10J		6400			10U	
2-METHYLPHENOL	10J	10J		500U			10U	
2-NITROANILINE	50J	50J		2500U			50U	
2-NITROPHENOL	10J	10J		500U			10U	
3,3'-DICHLOROBENZIDINE	20J	20J		1000U			20U	
3-NITROANILINE	50J	50J		2500U			50U	
4,6-DINITRO-2-METHYLPHENOL	50J	50J		2500U			50U	
4-BROMOPHENYL-PHENYLETHER	10J	10J		500U			10U	
4-CHLORO-3-METHYLPHENOL	10J	10J	10U	500U	1.5U	10U	10U	1.5U
4-CHLOROANILINE	10J	10J		500U			10U	
4-CHLOROPHENYL-PHENYLETHER	10J	10J		500U			10U	
4-METHYLPHENOL	10J	10J		500U			10U	
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE	50J	50J		2500U			50U	
4-NITROPHENOL	50J	50J		2500U			50U	
ACENAPHTHENE	10J	10J		690U	24640		10U	1.26U
ACENAPHTHYLENE	10J	10J	10U	500U	200U	10U	10U	0.1U
ANILINE								
ANTHRACENE	10J	10J		500U	20U		10U	0.01U
AZOBENZENE								
BENZIDINE								
BENZO(A)ANTHRACENE	10J	10J	10U	500U	557	10U	10U	0.02U
BENZO(A)PYRENE	10J	10J	10U	500U	711	10U	10U	0.02U
BENZO(B)FLUORANTHENE	10J	10J	10U	500U	2257	10U	10U	0.06U
BENZO(B,K)FLUORANTHENE								
BENZO(E)PYRENE								
BENZO(G,H,I)PERYLENE	10J	10J		500U	140U		10U	0.07U
BENZO(K)FLUORANTHENE	10J	10J		500U	40U		10U	0.02U
BENZOIC ACID	50J	50J		2500U			50U	
BENZYL ALCOHOL	10J	10J		500U			10U	
BIS(2-CHLOROETHOXY)METHANE	10J	10J		500U			10U	
BIS(2-CHLOROETHYL)ETHER	10J	10J		500U			10U	
BIS(2-CHLOROISOPROPYL)ETHER	10J	10J		500U			10U	
BIS(2-ETHYLHEXYL)PHTHALATE	10J	10J		500U			10U	
BUTYL BENZYL PHTHALATE	10J	10J		500U			10U	
CARBAZOLE			10U			10U		
CHRYSENE	10J	10J		500U	3709		10U	0.03U
DIBENZ(A,H)ANTHRACENE	10J	10J	10U	500U	140U	10U	10U	0.07U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)								
DIBENZOFURAN	10J	10J		500U			10U	
DIETHYL PHTHALATE	10J	10J		500U			10U	
DIMETHYL PHTHALATE	10J	10J		500U			10U	
DI-N-BUTYL PHTHALATE	10J	10J		500U			10U	
DI-N-OCTYL PHTHALATE	10J	10J		500U			10U	
FLUORANTHENE	10J	10J	10U	500U	29260	10U	10U	0.05U
FLUORENE	10J	10J		1000U	6200		10U	0.22U
HEXACHLORO-1,3-BUTADIENE								
HEXACHLOROBENZENE	10J	10J		500U			10U	
HEXACHLOROBUTADIENE	10J	10J		500U			10U	
HEXACHLOROCYCLOPENTADIENE	10J	10J		500U			10U	
HEXACHLOROETHANE	10J	10J		500U			10U	
INDENO(1,2,3-CD)PYRENE	10J	10J	10U	500U	140U	10U	10U	0.07U
ISOPHORONE	10J	10J		500U			10U	
NITROBENZENE	10J	10J		500U			10U	
N-NITROSODIMETHYLAMINE								
N-NITROSODI-N-PROPYLAMINE	10J	10J		500U			10U	
N-NITROSODIPHENYLAMINE	10J	10J		500U			10U	
N-PROPYLBENZENE								
PHENANTHRENE	10J	10J	10U	2400	20U	420	10U	0.01U
PHENOL	10J	10J	10U	500U	1.5U	10U	10U	1.5U
P-ISOPROPYLTOLUENE								
PYRENE	10J	10J		500U	5347		10U	0.02U
PYRIDINE								

Appendix D - Groundwater Data
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STATION	GW-4	GW-4	GW-4	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5
SAMPLE	KPT-GW-4A DUP	GW-4	KPT-GW-4A DUP	GW-5	GW-5	GW-50	GW-5	GW-5	GW-5
DATE	6/19/1991	8/20/1991	6/19/1991	9/12/1996	12/17/1996	8/20/1997	8/20/1997	8/6/2002	8/6/2002
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE								10U	
1,2-DICHLOROBENZENE								10U	
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE								10U	
1,4-DICHLOROBENZENE								10U	
1-METHYLNAPHTHALENE									**0.082**
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,3,4,5-TETRACHLOROPHENOL				**3.3**	120U	**3.7**	**3.6**		
2,3,4,6-TETRACHLOROPHENOL		11U				**33**	**31**		
2,3,4-TRICHLOROPHENOL				0.25U	120U	0.25U	0.25U		
2,3,5,6-TETRACHLOROPHENOL				**14**	120U				
2,3,6-TRICHLOROPHENOL				0.25U	120U	0.25U	0.25U		
2,4,5-TRICHLOROPHENOL			0.53U	**0.33**	120U	0.25U	0.25U	51U	
2,4,6-TRICHLOROPHENOL		11U	0.53U	**0.16J**	120U	0.25U	0.25U	10U	
2,4-DICHLOROPHENOL			0.53U					10U	
2,4-DIMETHYLPHENOL		11U						10U	
2,4-DINITROPHENOL		53U						51U	
2,4-DINITROTOLUENE								10U	
2,6-DINITROTOLUENE								10U	
2-CHLORONAPHTHALENE								10U	0.04U
2-CHLOROPHENOL		11U	0.53U					10U	
2-METHYLNAPHTHALENE									0.04U
2-METHYLPHENOL								10U	
2-NITROANILINE								51U	
2-NITROPHENOL								10U	
3,3'-DICHLOROBENZIDINE								20U	
3-NITROANILINE								51U	
4,6-DINITRO-2-METHYLPHENOL								51U	
4-BROMOPHENYL-PHENYLETHER								10U	
4-CHLORO-3-METHYLPHENOL		11U	1.6U					10U	
4-CHLOROANILINE								51U	
4-CHLOROPHENYL-PHENYLETHER								10U	
4-METHYLPHENOL								10U	
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE								51U	
4-NITROPHENOL								51U	
ACENAPHTHENE	2.52U								**0.083**
ACENAPHTHYLENE	0.2U	11U							0.04U
ANILINE									
ANTHRACENE	0.02U								0.04U
AZOBENZENE									
BENZIDINE									
BENZO(A)ANTHRACENE	0.04U	11U							0.04U
BENZO(A)PYRENE	0.04U	11U							0.04U
BENZO(B)FLUORANTHENE	0.12U	11U							0.04U
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									0.04U
BENZO(G,H,I)PERYLENE	0.14U								0.04U
BENZO(K)FLUORANTHENE	0.04U								0.04U
BENZOIC ACID								51U	
BENZYL ALCOHOL								10U	
BIS(2-CHLOROETHOXY)METHANE								10U	
BIS(2-CHLOROETHYL)ETHER								10U	
BIS(2-CHLOROISOPROPYL)ETHER								10U	
BIS(2-ETHYLHEXYL)PHTHALATE								10U	
BUTYL BENZYL PHTHALATE								10U	
CARBAZOLE		11U							0.04U
CHRYSENE	0.06U								0.04U
DIBENZ(A,H)ANTHRACENE	0.14U	11U							0.04U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN								10U	**0.15**
DIETHYL PHTHALATE								10U	
DIMETHYL PHTHALATE								10U	
DI-N-BUTYL PHTHALATE								10U	
DI-N-OCTYL PHTHALATE								10U	
FLUORANTHENE	0.1U	11U							0.04U
FLUORENE	0.44U								**0.11**
HEXACHLORO-1,3-BUTADIENE								10U	
HEXACHLOROBENZENE								10U	
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE								51U	
HEXACHLOROETHANE								10U	
INDENO(1,2,3-CD)PYRENE	0.14U	11U							0.04U
ISOPHORONE								10U	
NITROBENZENE								10U	
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE								10U	
N-NITROSODIPHENYLAMINE								10U	
N-PROPYLBENZENE									
PHENANTHRENE	0.02U	11U							0.04U
PHENOL		11U	1.6U					10U	
P-ISOPROPYLTOLUENE									
PYRENE	0.04U								**0.084**
PYRIDINE									

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STATION	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5
SAMPLE	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	KPP-GW-10	KPT-GW-5
DATE	4/2/2003	10/1/2003	10/1/2003	4/7/2004	4/7/2004	10/19/2004	10/19/2004	7/9/2001	12/18/1989	6/19/1991
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		10U		10U		10.2U		1U	10U	
1,2-DICHLOROBENZENE		10U		10U		10.2U		1U	10U	
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE		10U		10U		10.2U		1U	10U	
1,4-DICHLOROBENZENE		10U		10U		10.2U		1U	10U	
1-METHYLNAPHTHALENE	**0.2**		**0.061**		**0.58B**		**0.063**			
2,2'-OXYBIS(1-CHLOROPROPANE)								1U		
2,3,4,5-TETRACHLOROPHENOL										
2,3,4,6-TETRACHLOROPHENOL										
2,3,4-TRICHLOROPHENOL										
2,3,5,6-TETRACHLOROPHENOL										
2,3,6-TRICHLOROPHENOL										
2,4,5-TRICHLOROPHENOL		52U		51U		51U		5U	50U	0.5U
2,4,6-TRICHLOROPHENOL		10U		10U		10.2U		5U	10U	0.5U
2,4-DICHLOROPHENOL		10U		10U		10.2U		3U	10U	0.5U
2,4-DIMETHYLPHENOL		10U		10U		10.2UJ		3U	10U	
2,4-DINITROPHENOL		52U		51U		51U		10U	50U	
2,4-DINITROTOLUENE		10U		10U		10.2U		5U	10U	
2,6-DINITROTOLUENE		10U		10U		10.2U		5U	10U	
2-CHLORONAPHTHALENE	0.041U	10U	**0.17**	10U	0.042U	10.2U	0.041U	1U	10U	
2-CHLOROPHENOL		10U		10U		10.2U		1U	10U	0.5U
2-METHYLNAPHTHALENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	**6J**	
2-METHYLPHENOL		10U		10U		10.2U		1U	10U	
2-NITROANILINE		52U		51U		51U		5U	50U	
2-NITROPHENOL		10U		10U		10.2U		5U	10U	
3,3'-DICHLOROBENZIDINE		21U		20U				5U	20U	
3-NITROANILINE		52U		51U		51U		6U	50U	
4,6-DINITRO-2-METHYLPHENOL		52U		51U		51U		10U	50U	
4-BROMOPHENYL-PHENYLETHER		10U		10U		10.2U		1U	10U	
4-CHLORO-3-METHYLPHENOL		10U		10U		10.2U		2U	10U	1.5U
4-CHLOROANILINE		52U		51U		51U		3U	10U	
4-CHLOROPHENYL-PHENYLETHER									10U	
4-METHYLPHENOL		10U		10U				1U	10U	
4-METHYLPHENOL/3-METHYLPHENOL						20.4U				
4-NITROANILINE		52U		51U		51U		5U	50U	
4-NITROPHENOL		52U		51U		51U		5U	50U	
ACENAPHTHENE	**0.084**	10U	0.041U	10U	**0.065**	10.2U	0.041U	1U	10U	12.6U
ACENAPHTHYLENE	0.041U			10U	0.042U	10.2U	0.041U		10U	1U
ANILINE										
ANTHRACENE	0.041U	10U	0.041U	10U	**0.045**	10.2U	0.041U	1U	10U	0.1U
AZOBENZENE										
BENZIDINE										
BENZO(A)ANTHRACENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	10U	0.2U
BENZO(A)PYRENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	10U	0.2U
BENZO(B)FLUORANTHENE	**0.1**	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	10U	0.6U
BENZO(B,K)FLUORANTHENE										
BENZO(E)PYRENE	0.041U		0.041U		0.042U		0.041U			
BENZO(G,H,I)PERYLENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	10U	0.7U
BENZO(K)FLUORANTHENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	10U	0.2U
BENZOIC ACID		52U		51U		51U		10U	50U	
BENZYL ALCOHOL		10U		10U		10.2U		5U	10U	
BIS(2-CHLOROETHOXY)METHANE		10U		10U		10.2U		1U	10U	
BIS(2-CHLOROETHYL)ETHER		10U		10U		10.2U		2U	10U	
BIS(2-CHLOROISOPROPYL)ETHER		10U		10U		10.2U			10U	
BIS(2-ETHYLHEXYL)PHTHALATE		10U		10U		10.2U		1U	10U	
BUTYL BENZYL PHTHALATE		10U		10U		10.2U		1U	10U	
CARBAZOLE	0.041U		**0.3**		0.042U			1U		
CHRYSENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	10U	0.3U
DIBENZ(A,H)ANTHRACENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U		10U	0.7U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)										
DIBENZOFURAN	0.041U	10U	**0.068**	10U	**0.14B**	10.2U	0.041U	1U	10U	
DIETHYL PHTHALATE		10U		10U		10.2U		1U	10U	
DIMETHYL PHTHALATE		10U		10U		10.2U		1U	10U	
DI-N-BUTYL PHTHALATE		10U		10U		10.2U		1U	10U	
DI-N-OCTYL PHTHALATE		10U		10U		10.2U		1U	10U	
FLUORANTHENE	0.041U	10U	**0.048**	10U	0.042U	10.2U	0.041U	1U	10U	0.5U
FLUORENE	**0.2**	10U	**0.14**	10U	**0.23B**	10.2U	**0.068**	1U	**2J**	2.2U
HEXACHLORO-1,3-BUTADIENE		10U		10U		10.2U				
HEXACHLOROBENZENE		10U		10U		10.2U		1U	10U	
HEXACHLOROBUTADIENE								2U	10U	
HEXACHLOROCYCLOPENTADIENE		52U		51U				5U	10U	
HEXACHLOROETHANE		10U		10U		10.2U		2U	10U	
INDENO(1,2,3-CD)PYRENE	0.041U	10U	0.041U	10U	0.042U	10.2U	0.041U	1U	10U	0.7U
ISOPHORONE		10U		10U		10.2U		1U	10U	
NITROBENZENE		10U		10U		10.2U		1U	10U	
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE		10U		10U		10.2U		2U	10U	
N-NITROSODIPHENYLAMINE		10U		10U		10.2U		1U	10U	
N-PROPYLBENZENE										
PHENANTHRENE	0.041U	10U	0.041U	10U	**0.11B**	10.2U	0.041U	1U	**2J**	0.1U
PHENOL		10U		10U		10.2U		2U	10U	1.5U
P-ISOPROPYLTOLUENE										
PYRENE	**0.054**	10U	**0.11**	10U	**0.064**	10.2U	**0.043**	1U	10U	0.2U
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GW-5	GW-5	GW-5	GW-5	GWRR-1	GWRR-1	GWRR-1	GWRR-1	GWRR-1
SAMPLE	GW-5	GW-5 DUP	GW-5	KPT-GW-5	GWRR-1	GWRR-1	GWRR-1	GWRR-1	KPP-GW-7
DATE	8/20/1991	8/20/1991	4/11/1996	4/10/1996	12/18/1996	8/21/1997	8/21/1997	2/25/1986	11/15/1988
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE			1U				25U		10J
1,2-DICHLOROBENZENE			1U	1U			5U		10J
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE			1U	1U			5U		10J
1,4-DICHLOROBENZENE			1U	1U			5U		10J
1-METHYLNAPHTHALENE				10U					
2,2'-OXYBIS(1-CHLOROPROPANE)			1U						
2,3,4,5-TETRACHLOROPHENOL					0.25U	0.25U			
2,3,4,6-TETRACHLOROPHENOL	81	82				0.25U			
2,3,4-TRICHLOROPHENOL					0.25U	0.25U			
2,3,5,6-TETRACHLOROPHENOL					0.25U				
2,3,6-TRICHLOROPHENOL					0.25U	0.25U			
2,4,5-TRICHLOROPHENOL			5U		0.36Y	0.25U			50J
2,4,6-TRICHLOROPHENOL	10U	10U	5U		0.25U	0.25U			10J
2,4-DICHLOROPHENOL			3U						10J
2,4-DIMETHYLPHENOL	10U	10U	3U						10J
2,4-DINITROPHENOL	51U	51U	10U						50J
2,4-DINITROTOLUENE			5U						10J
2,6-DINITROTOLUENE			5U						10J
2-CHLORONAPHTHALENE			1U						10J
2-CHLOROPHENOL	10U	10U	1U						10J
2-METHYLNAPHTHALENE			1U	10U					6J
2-METHYLPHENOL			2U						10J
2-NITROANILINE			5U						50J
2-NITROPHENOL			5U						10J
3,3'-DICHLOROBENZIDINE			5U						20J
3-NITROANILINE			6U						50J
4,6-DINITRO-2-METHYLPHENOL			10U						50J
4-BROMOPHENYL-PHENYLETHER			1U						10J
4-CHLORO-3-METHYLPHENOL	10U	10U	2U						10J
4-CHLOROANILINE			3U						10J
4-CHLOROPHENYL-PHENYLETHER									10J
4-METHYLPHENOL			1U						10J
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE			5U						50J
4-NITROPHENOL			5U						6J
ACENAPHTHENE			1U						10J
ACENAPHTHYLENE	10U	10U	1U						10J
ANILINE									
ANTHRACENE			1U						10J
AZOBENZENE									
BENZIDINE									
BENZO(A)ANTHRACENE	10U	10U	1U						10J
BENZO(A)PYRENE	10U	10U	1U						10J
BENZO(B)FLUORANTHENE	10U	10U	1U						10J
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE			1U						10J
BENZO(K)FLUORANTHENE			1U						10J
BENZOIC ACID			10U						50J
BENZYL ALCOHOL			5U						10J
BIS(2-CHLOROETHOXY)METHANE			1U						10J
BIS(2-CHLOROETHYL)ETHER			2U						10J
BIS(2-CHLOROISOPROPYL)ETHER									10J
BIS(2-ETHYLHEXYL)PHTHALATE			1U	10U					10J
BUTYL BENZYL PHTHALATE			1U						10J
CARBAZOLE	10U	10U	1U						
CHRYSENE			1U					20J	10J
DIBENZ(A,H)ANTHRACENE	10U	10U	1U						10J
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN			1U					12J	10J
DIETHYL PHTHALATE			1U					21J,B	10J
DIMETHYL PHTHALATE			1U						10J
DI-N-BUTYL PHTHALATE			1U	10U				6J,B	10J
DI-N-OCTYL PHTHALATE			1U					6.1J,B	10J
FLUORANTHENE	10U	10U	1U						10J
FLUORENE			1U					44J	10J
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE			1U						10J
HEXACHLOROBUTADIENE			2U				25U		10J
HEXACHLOROCYCLOPENTADIENE			5U						10J
HEXACHLOROETHANE			2U						10J
INDENO(1,2,3-CD)PYRENE	10U	10U	1U						10J
ISOPHORONE			1U						10J
NITROBENZENE			1U					14J	10J
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE			2U						10J
N-NITROSODIPHENYLAMINE			1U						10J
N-PROPYLBENZENE							6.1		
PHENANTHRENE	10U	10U	1U	10U				49J	10J
PHENOL	10U	10U	2U						10J
P-ISOPROPYLTOLUENE									
PYRENE			1U					6.2J	10J
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWRR-1	GWRR-1	GWRR-1	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2
SAMPLE	GWRR-1	GWRR-1	RR-MW-1	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2
DATE	8/20/1991	4/10/1996	3/5/1986	12/18/1996	8/22/1997	4/2/2003	10/1/2003	10/1/2003	4/7/2004	4/7/2004
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE							10U		10U	
1,2-DICHLOROBENZENE		1U					10U		10U	
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE		1U					10U		10U	
1,4-DICHLOROBENZENE		1U					10U		10U	
1-METHYLNAPHTHALENE		**12**				**7**		**4.4**		**11**
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL				**0.85**	**2**					
2,3,4,6-TETRACHLOROPHENOL	10U				**88**					
2,3,4-TRICHLOROPHENOL				0.25U	0.25U					
2,3,5,6-TETRACHLOROPHENOL				**230**						
2,3,6-TRICHLOROPHENOL					0.25U					
2,4,5-TRICHLOROPHENOL				**63Y**	**34Y**		51U		51U	
2,4,6-TRICHLOROPHENOL				0.25U	0.25U		10U		10U	
2,4-DICHLOROPHENOL							10U		10U	
2,4-DIMETHYLPHENOL	10U						10U		10U	
2,4-DINITROPHENOL	50U						51U		51U	
2,4-DINITROTOLUENE							10U		10U	
2,6-DINITROTOLUENE							10U		10U	
2-CHLORONAPHTHALENE						**1.1**	10U	0.042U	10U	0.21U
2-CHLOROPHENOL	10U						10U		10U	
2-METHYLNAPHTHALENE		**12**	**105**			**0.5**	10U	**0.42**	10U	**2.5**
2-METHYLPHENOL							10U		10U	
2-NITROANILINE							51U		51U	
2-NITROPHENOL							10U		10U	
3,3'-DICHLOROBENZIDINE							20U		20U	
3-NITROANILINE							51U		51U	
4,6-DINITRO-2-METHYLPHENOL							51U		51U	
4-BROMOPHENYL-PHENYLETHER							10U		10U	
4-CHLORO-3-METHYLPHENOL	10U						10U		10U	
4-CHLOROANILINE							51U		51U	
4-CHLOROPHENYL-PHENYLETHER										
4-METHYLPHENOL							10U		10U	
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE							51U		51U	
4-NITROPHENOL							51U		51U	
ACENAPHTHENE						**4.2**	10U	**0.28**	10U	0.21U
ACENAPHTHYLENE	10U					**0.61**			10U	0.21U
ANILINE										
ANTHRACENE						0.042U	10U	**0.14**	10U	0.21U
AZOBENZENE										
BENZIDINE										
BENZO(A)ANTHRACENE	10U					0.042U	10U	**0.26**	10U	**0.61**
BENZO(A)PYRENE	10U					0.042U	10U	0.042U	10U	0.21U
BENZO(B)FLUORANTHENE	10U					**0.2**	10U	**0.23**	10U	0.21U
BENZO(B,K)FLUORANTHENE										
BENZO(E)PYRENE						**0.14**		**0.08**		0.21U
BENZO(G,H,I)PERYLENE						0.042U	10U	**0.062**	10U	0.21U
BENZO(K)FLUORANTHENE						0.042U	10U	0.042U	10U	0.21U
BENZOIC ACID							51U		51U	
BENZYL ALCOHOL							10U		10U	
BIS(2-CHLOROETHOXY)METHANE							10U		10U	
BIS(2-CHLOROETHYL)ETHER							10U		10U	
BIS(2-CHLOROISOPROPYL)ETHER							10U		10U	
BIS(2-ETHYLHEXYL)PHTHALATE		10UJ					10U		10U	
BUTYL BENZYL PHTHALATE							10U		10U	
CARBAZOLE	10U					0.042U		**0.31**		0.21U
CHRYSENE			**20J**			0.042U	10U	**0.12**	10U	**0.28**
DIBENZ(A,H)ANTHRACENE	10U					0.042U	10U	0.042U	10U	0.21U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)										
DIBENZOFURAN			**12J**			0.042U	10U	**0.66**	10U	**1.8**
DIETHYL PHTHALATE			**21JB**				10U		10U	
DIMETHYL PHTHALATE							10U		10U	
DI-N-BUTYL PHTHALATE		10U	**6JB**				10U		10U	
DI-N-OCTYL PHTHALATE			**6.1JB**				10U		10U	
FLUORANTHENE	10U					0.042U	10U	**0.14**	10U	0.21U
FLUORENE			**44J**			**4**	10U	**1.5**	10U	**3.7**
HEXACHLORO-1,3-BUTADIENE							10U		10U	
HEXACHLOROBENZENE							10U		10U	
HEXACHLOROBUTADIENE										
HEXACHLOROCYCLOPENTADIENE							51U		51U	
HEXACHLOROETHANE							10U		10U	
INDENO(1,2,3-CD)PYRENE	10U					0.042U	10U	0.042U	10U	0.21U
ISOPHORONE							10U		10U	
NITROBENZENE			**14J**				10U		10U	
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE							10U		10U	
N-NITROSODIPHENYLAMINE							10U		10U	
N-PROPYLBENZENE										
PHENANTHRENE	10U	**5.8J**	**49J**			**3.2B**	10U	**1.6**	10U	**3.9**
PHENOL	10U						10U		10U	
P-ISOPROPYLTOLUENE										
PYRENE			**6.2J**			**0.42**	10U	**0.29**	10U	**0.53**
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-3
SAMPLE	GWRR-2	GWRR-2	GWRR-2-DUP	KPP-GW-6	GWRR-2	GWRR-2	RR-MW-2	RR-MW-4	GWRR-3
DATE	7/10/2001	2/25/1986	2/25/1986	11/15/1988	8/20/1991	4/10/1996	3/5/1986	3/5/1986	8/21/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	1U			250U					
1,2-DICHLOROBENZENE	1U			250U		1U			
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	1U			250U		1U			
1,4-DICHLOROBENZENE	1U			250U		1U			
1-METHYLNAPHTHALENE						10U			
2,2'-OXYBIS(1-CHLOROPROPANE)	1U								
2,3,4,5-TETRACHLOROPHENOL									0.25U
2,3,4,6-TETRACHLOROPHENOL					**66**				0.25U
2,3,4-TRICHLOROPHENOL									0.25U
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									0.25U
2,4,5-TRICHLOROPHENOL	5U			1300U					0.25U
2,4,6-TRICHLOROPHENOL	5U		**3J**	250U	10U			**3J**	0.25U
2,4-DICHLOROPHENOL	3U			250U					
2,4-DIMETHYLPHENOL	3U			250U	10U				
2,4-DINITROPHENOL	10U			1300U	50U				
2,4-DINITROTOLUENE	5U			250U					
2,6-DINITROTOLUENE	5U			250U					
2-CHLORONAPHTHALENE	1U			250U					
2-CHLOROPHENOL	1U			250U	10U				
2-METHYLNAPHTHALENE	1U	**42**	**36**	**52J**		10U	**42**	**36**	
2-METHYLPHENOL	1U			250U					
2-NITROANILINE	5U			1300U					
2-NITROPHENOL	5U			250U					
3,3'-DICHLOROBENZIDINE	5U			500U					
3-NITROANILINE	6U			1300U					
4,6-DINITRO-2-METHYLPHENOL	10U			1300U					
4-BROMOPHENYL-PHENYLETHER	1U			250U					
4-CHLORO-3-METHYLPHENOL	2U			250U	10U				
4-CHLOROANILINE	3U			250U					
4-CHLOROPHENYL-PHENYLETHER	1U			250U					
4-METHYLPHENOL	1U			250U					
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE	5U			1300U					
4-NITROPHENOL	5U			1300U					
ACENAPHTHENE	1U			250U					
ACENAPHTHYLENE	1U			250U	10U				
ANILINE									
ANTHRACENE	1U			250U					
AZOBENZENE									
BENZIDINE									
BENZO(A)ANTHRACENE	1U			250U	10U				
BENZO(A)PYRENE	1U			250U	10U				
BENZO(B)FLUORANTHENE	1U			250U	10U				
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	1U			250U					
BENZO(K)FLUORANTHENE	1U			250U					
BENZOIC ACID	10U			1300U					
BENZYL ALCOHOL	5U			250U					
BIS(2-CHLOROETHOXY)METHANE	1U			250U					
BIS(2-CHLOROETHYL)ETHER	2U			250U					
BIS(2-CHLOROISOPROPYL)ETHER				250U					
BIS(2-ETHYLHEXYL)PHTHALATE	**11**			250U		**1.5J**			
BUTYL BENZYL PHTHALATE	1U	**1J**	**0.4J**	250U			**1J**	**0.4J**	
CARBAZOLE	1U				10U				
CHRYSENE	1U			250U					
DIBENZ(A,H)ANTHRACENE				250U	10U				
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN	**1**	**3.2J**	**2.5J**	250U			**3.2J**	**2.5J**	
DIETHYL PHTHALATE	1U	**1.8J,B**		250U			**1.8JB**		
DIMETHYL PHTHALATE	1U			250U					
DI-N-BUTYL PHTHALATE	1U	**5.1J,B**	**0.1J,B**	250U		10U	**5.1JB**	**0.1JB**	
DI-N-OCTYL PHTHALATE	1U	**0.8J,B**	**1.4J,B**	250U			**0.8JB**	**1.4JB**	
FLUORANTHENE	**2.7**			250U	10U				
FLUORENE	1U	**6.5J**	**5.5J**	250U			**6.5J**	**5.5J**	
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE	1U			250U					
HEXACHLOROBUTADIENE	2U			250U					
HEXACHLOROCYCLOPENTADIENE	5U			250U					
HEXACHLOROETHANE	2U			250U					
INDENO(1,2,3-CD)PYRENE	1U			250U	10U				
ISOPHORONE	1U			250U					
NITROBENZENE	1U	**6.7J**		250U			**6.7J**		
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE	2U			250U					
N-NITROSODIPHENYLAMINE	1U			250U					
N-PROPYLBENZENE									
PHENANTHRENE	**2.7**	**5.6J**	**4.8J**	250U	10U	10U	**5.6J**	**4.8J**	
PHENOL	2U			250U	10U				
P-ISOPROPYLTOLUENE									
PYRENE	1U			250U					
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWRR-3	GWRR-3	GWRR-3	GWRR-3	GWRR-3	GWRR-4	GWRR-4	GWRR-4	GWRR-4	GWRR-5
SAMPLE	GWRR-3	GWRR-3	GWRR-3	GWRR-3	RR-MW-3	GWRR-4	GWRR-4	GWRR-4	GWRR-4	GWRR-5
DATE	8/21/1997	2/25/1986	8/20/1991	4/10/1996	3/5/1986	12/18/1996	8/22/1997	7/10/2001	4/10/1996	12/18/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	15U							1U		
1,2-DICHLOROBENZENE	3U			1U				1U	1U	
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE	3U			5U				1U	1U	
1,4-DICHLOROBENZENE	3U			5U				1U	1U	
1-METHYLNAPHTHALENE				10U					10U	
2,2'-OXYBIS(1-CHLOROPROPANE)								1U		
2,3,4,5-TETRACHLOROPHENOL						0.25U	0.25U			**4.1**
2,3,4,6-TETRACHLOROPHENOL			10U				0.25U			
2,3,4-TRICHLOROPHENOL						0.25U	0.25U			**0.93**
2,3,5,6-TETRACHLOROPHENOL						0.25U				**32**
2,3,6-TRICHLOROPHENOL						0.25U	0.25U			0.25U
2,4,5-TRICHLOROPHENOL						0.25U	0.25U	5U		**6.1Y**
2,4,6-TRICHLOROPHENOL			10U			0.25U	0.25U	5U		0.25U
2,4-DICHLOROPHENOL								3U		
2,4-DIMETHYLPHENOL			10U					3U		
2,4-DINITROPHENOL			50U					10U		
2,4-DINITROTOLUENE								5U		
2,6-DINITROTOLUENE								5U		
2-CHLORONAPHTHALENE								1U		
2-CHLOROPHENOL			10U					1U		
2-METHYLNAPHTHALENE				10U				1U	10U	
2-METHYLPHENOL								1U		
2-NITROANILINE								5U		
2-NITROPHENOL								5U		
3,3'-DICHLOROBENZIDINE								5U		
3-NITROANILINE								6U		
4,6-DINITRO-2-METHYLPHENOL								10U		
4-BROMOPHENYL-PHENYLETHER								1U		
4-CHLORO-3-METHYLPHENOL			10U					2U		
4-CHLOROANILINE								3U		
4-CHLOROPHENYL-PHENYLETHER								1U		
4-METHYLPHENOL								1U		
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE								5U		
4-NITROPHENOL								1U		
ACENAPHTHENE								1U		
ACENAPHTHYLENE			10U					1U		
ANILINE										
ANTHRACENE								1U		
AZOBENZENE										
BENZIDINE										
BENZO(A)ANTHRACENE			10U					1U		
BENZO(A)PYRENE			10U					1U		
BENZO(B)FLUORANTHENE			10U					1U		
BENZO(B,K)FLUORANTHENE										
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE								1U		
BENZO(K)FLUORANTHENE								1U		
BENZOIC ACID								10U		
BENZYL ALCOHOL								5U		
BIS(2-CHLOROETHOXY)METHANE								1U		
BIS(2-CHLOROETHYL)ETHER								2U		
BIS(2-CHLOROISOPROPYL)ETHER										
BIS(2-ETHYLHEXYL)PHTHALATE				10U				1U	10U	
BUTYL BENZYL PHTHALATE								1U		
CARBAZOLE			10U					1U		
CHRYSENE								1U		
DIBENZ(A,H)ANTHRACENE			10U							
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)										
DIBENZOFURAN								1U		
DIETHYL PHTHALATE								1U		
DIMETHYL PHTHALATE								1U		
DI-N-BUTYL PHTHALATE		**1900B**		10U	**1.9B**			1U	**1.3J**	
DI-N-OCTYL PHTHALATE								1U		
FLUORANTHENE			10U					1U		
FLUORENE								1U		
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE								1U		
HEXACHLOROBUTADIENE	15U							2U		
HEXACHLOROCYCLOPENTADIENE								5U		
HEXACHLOROETHANE								2U		
INDENO(1,2,3-CD)PYRENE			10U					1U		
ISOPHORONE								1U		
NITROBENZENE								1U		
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE								2U		
N-NITROSODIPHENYLAMINE								1U		
N-PROPYLBENZENE	3U									
PHENANTHRENE			10U	10U				1U	10U	
PHENOL			10U					2U		
P-ISOPROPYLTOLUENE										
PYRENE								1U		
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWRR-5	GWRR-5	GWRR-6	GWRR-6	GWRR-7	GWRR-7	GWRR-7	GWRR-7	GWRR-8
SAMPLE	GWRR-5	GWRR-5	GWRR-6	GWRR-6	GWRR-7	GWRR-7	GWRR-7-DUP	GWRR-7	MCW-0402-2
DATE	8/22/1997	4/10/1996	8/22/1997	4/10/1996	8/21/1997	8/21/1997	4/10/1996	4/10/1996	4/24/2002
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE						15U			
1,2-DICHLOROBENZENE		1U		1U		3U		1U	
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE		1U		1U		3U		1U	
1,4-DICHLOROBENZENE		1U		1U		3U		1U	
1-METHYLNAPHTHALENE		**30**		20U				**21**	
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,3,4,5-TETRACHLOROPHENOL	**4.4**		0.25U		0.25U				
2,3,4,6-TETRACHLOROPHENOL	**41**		0.25U		0.25U				
2,3,4-TRICHLOROPHENOL	**0.46**		0.25U		0.25U				
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL	0.25U		0.25U		0.25U				
2,4,5-TRICHLOROPHENOL	**42Y**		0.25U		0.25U				
2,4,6-TRICHLOROPHENOL	0.25U		0.25U		0.25U				
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE		**28**		20U			10U	10U	
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL-PHENYLETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENYL-PHENYLETHER									
4-METHYLPHENOL									
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE									10U
ACENAPHTHYLENE									10U
ANILINE									
ANTHRACENE									10U
AZOBENZENE									
BENZIDINE									
BENZO(A)ANTHRACENE									10U
BENZO(A)PYRENE									10U
BENZO(B)FLUORANTHENE									10U
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE									10U
BENZO(K)FLUORANTHENE									10U
BENZOIC ACID									
BENZYL ALCOHOL									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE		**4.5J**		**9.6J**			10U	10U	
BUTYL BENZYL PHTHALATE									
CARBAZOLE									
CHRYSENE									10U
DIBENZ(A,H)ANTHRACENE									10U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE		10U		20U			10U	10U	
DI-N-OCTYL PHTHALATE									
FLUORANTHENE									10U
FLUORENE									10U
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE						15U			
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE									10U
ISOPHORONE									
NITROBENZENE									
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
N-PROPYLBENZENE						**8**			
PHENANTHRENE		**8.8J**		20U			10U	10U	10U
PHENOL									
P-ISOPROPYLTOLUENE									
PYRENE									10U
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWRR-8	GWRR-9	GWRR-9	GWY-1	GWY-1	GWY-10	GWY-10	GWY-10
SAMPLE	MCW-0402-3 DUP	MCW-0402-1	GWRR-9	MW-1	HB095	GWY-10	GWY-10	GWY-10
DATE	4/24/2002	4/24/2002	4/10/1996	9/25/1985	3/5/1986	12/19/1996	8/21/1997	7/10/2001
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE				1U	100U			1U
1,2-DICHLOROBENZENE			1U	1U	100U			1U
1,2-DIPHENYLHYDRAZINE				2U				
1,3-DICHLOROBENZENE			1U	1U	100U			1U
1,4-DICHLOROBENZENE			1U	1U	100U			1U
1-METHYLNAPHTHALENE			**11**					
2,2'-OXYBIS(1-CHLOROPROPANE)								1U
2,3,4,5-TETRACHLOROPHENOL						**3.7**	**0.46**	
2,3,4,6-TETRACHLOROPHENOL							0.25U	
2,3,4-TRICHLOROPHENOL						0.25U	0.25U	
2,3,5,6-TETRACHLOROPHENOL						**1.9**		
2,3,6-TRICHLOROPHENOL						0.25U	0.25U	
2,4,5-TRICHLOROPHENOL					500U	**9.7Y**	**0.61Y**	5U
2,4,6-TRICHLOROPHENOL					100U	0.25U	0.25U	5U
2,4-DICHLOROPHENOL					100U			3U
2,4-DIMETHYLPHENOL					100U			3U
2,4-DINITROPHENOL					500U			10U
2,4-DINITROTOLUENE				5U	100U			5U
2,6-DINITROTOLUENE				5U	100U			5U
2-CHLORONAPHTHALENE				1U	100U			1U
2-CHLOROPHENOL					100U			1U
2-METHYLNAPHTHALENE			10U		100U			1U
2-METHYLPHENOL					100U			1U
2-NITROANILINE					500U			5U
2-NITROPHENOL					100U			5U
3,3'-DICHLOROBENZIDINE				5U	200U			5U
3-NITROANILINE								6U
4,6-DINITRO-2-METHYLPHENOL					500U			10U
4-BROMOPHENYL-PHENYLETHER				3U	100U			1U
4-CHLORO-3-METHYLPHENOL					100U			2U
4-CHLOROANILINE					100UJ			3U
4-CHLOROPHENYL-PHENYLETHER				2U	100U			1U
4-METHYLPHENOL					100U			1U
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE					500U			5U
4-NITROPHENOL					500U			5U
ACENAPHTHENE	10U	10U		1U	100U			1U
ACENAPHTHYLENE	10U	10U		1U	100U			1U
ANILINE								
ANTHRACENE	10U	10U		1U	100U			1U
AZOBENZENE								
BENZIDINE				50U				
BENZO(A)ANTHRACENE	10U	10U		1U	100U			1U
BENZO(A)PYRENE	10U	10U		2U	100U			1U
BENZO(B)FLUORANTHENE	10U	10U			100U			1U
BENZO(B,K)FLUORANTHENE				2U				
BENZO(E)PYRENE								
BENZO(G,H,I)PERYLENE	10U	10U		3U	100U			1U
BENZO(K)FLUORANTHENE	10U	10U			100U			1U
BENZOIC ACID					500U			10U
BENZYL ALCOHOL					100U			5U
BIS(2-CHLOROETHOXY)METHANE				1U	100U			1U
BIS(2-CHLOROETHYL)ETHER				1U	100U			2U
BIS(2-CHLOROISOPROPYL)ETHER				1U	100U			
BIS(2-ETHYLHEXYL)PHTHALATE			10U	10U	100U			1U
BUTYL BENZYL PHTHALATE				1U	100U			1U
CARBAZOLE								1U
CHRYSENE	10U	**1.2**		1U	100U			1U
DIBENZ(A,H)ANTHRACENE	10U	10U		3U	100U			
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)								
DIBENZOFURAN					100U			1U
DIETHYL PHTHALATE				1U	100U			1U
DIMETHYL PHTHALATE				1U	100U			1U
DI-N-BUTYL PHTHALATE			10U	1U	100U			1U
DI-N-OCTYL PHTHALATE				1U	100U			1U
FLUORANTHENE	10U	10U		1U	100U			1U
FLUORENE	10U	**7**		1U	100U			1U
HEXACHLORO-1,3-BUTADIENE								
HEXACHLOROBENZENE				2U	100U			1U
HEXACHLOROBUTADIENE				2U	100U			2U
HEXACHLOROCYCLOPENTADIENE				5U	100U			5U
HEXACHLOROETHANE				1U	100U			2U
INDENO(1,2,3-CD)PYRENE	10U	10U		3U	100U			1U
ISOPHORONE				1U	100U			1U
NITROBENZENE				2U	100U			1U
N-NITROSODIMETHYLAMINE				3U				
N-NITROSODI-N-PROPYLAMINE				2U	100U			2U
N-NITROSODIPHENYLAMINE				1U	100U			1U
N-PROPYLBENZENE								
PHENANTHRENE	10U	**8.6**	10U	1U	100U			1U
PHENOL					100U			2U
P-ISOPROPYLTOLUENE								
PYRENE	10U	10U		1U	100U			1U
PYRIDINE								

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWY-10	GWY-10	GWY-10	GWY-10	GWY-11	GWY-11	GWY-12	GWY-12	GWY-12	GWY-12
SAMPLE	EXK-0502-102	MW-10	MW-10	GWY-10	MW-11	MW-11	GWY-12	GWY-12	MW-12	MW-12
DATE	5/8/2002	8/7/1995	4/24/1995	8/20/1991	8/7/1995	4/24/1995	8/21/1997	7/10/2001	8/7/1995	4/24/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		5U	5U		5U	5U		1U	5U	5U
1,2-DICHLOROBENZENE		5U	5U		5U	5U		1U	5U	5U
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE		5U	5U		5U	5U		1U	5U	5U
1,4-DICHLOROBENZENE		5U	5U		5U	5U		1U	5U	5U
1-METHYLNAPHTHALENE										
2,2'-OXYBIS(1-CHLOROPROPANE)								1U		
2,3,4,5-TETRACHLOROPHENOL							**2.6**			
2,3,4,6-TETRACHLOROPHENOL				10U			**35**			
2,3,4-TRICHLOROPHENOL							0.25U			
2,3,5,6-TETRACHLOROPHENOL										
2,3,6-TRICHLOROPHENOL							0.25U			
2,4,5-TRICHLOROPHENOL		10U	10U		10U	10U	**32Y**	5U	10U	10U
2,4,6-TRICHLOROPHENOL		10U	**26**	10U	10U	**32**	0.25U	5U	10U	**23**
2,4-DICHLOROPHENOL		10U	10U		10U	10U		3U	10U	
2,4-DIMETHYLPHENOL		10U	10U	10U	10U	10U		3U	10U	10U
2,4-DINITROPHENOL		10U	10U	50U	10U	10U		10U	10U	10U
2,4-DINITROTOLUENE		10U	10U		10U	10U		5U	10U	10U
2,6-DINITROTOLUENE		10U	10U		10U	10U		5U	10U	10U
2-CHLORONAPHTHALENE		10U	10U		10U	10U		1U	10U	10U
2-CHLOROPHENOL		10U	10U	10U	10U	10U		1U	10U	10U
2-METHYLNAPHTHALENE	66.7U	10U	10U		10U	10U		1U	10U	10U
2-METHYLPHENOL		10U	10U		10U	10U		1U	10U	10U
2-NITROANILINE		20U	20U		20U	20U		5U	20U	20U
2-NITROPHENOL		5U	5U		5U	5U		5U	5U	5U
3,3'-DICHLOROBENZIDINE		10U	10U		10U	10U		5U	10U	10U
3-NITROANILINE		10U	10U		10U	10U		6U	10U	10U
4,6-DINITRO-2-METHYLPHENOL		10U	10U		10U	10U		10U	10U	10U
4-BROMOPHENYL-PHENYLETHER		10U	10U		10U	10U		1U	10U	10U
4-CHLORO-3-METHYLPHENOL		10U	10U	10U	10U	10U		2U	10U	10U
4-CHLOROANILINE		5U	5U		5U	5U		3U	5U	5U
4-CHLOROPHENYL-PHENYLETHER		10U			10U			1U	10U	
4-METHYLPHENOL		10U	10U		10U	10U		1U	10U	10U
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE		10U	10U		10U	10U		5U	10U	10U
4-NITROPHENOL		10U	10U		10U	10U		5U	10U	10U
ACENAPHTHENE	66.7U	10U	10U		10U	10U		1U	10U	10U
ACENAPHTHYLENE		10U		10U	10U			1U	10U	
ANILINE		10U	10U		10U	10U			10U	10U
ANTHRACENE	66.7U	10U	10U		10U	10U		1U	10U	10U
AZOBENZENE										
BENZIDINE		50U	50U		50U	50U			50U	50U
BENZO(A)ANTHRACENE	66.7U	5U	5U	10U	5U	5U		1U	10U	5U
BENZO(A)PYRENE	66.7U	5U	5U	10U	5U	5U		1U	5U	5U
BENZO(B)FLUORANTHENE		5U	5U	10U	5U	5U		1U	5U	5U
BENZO(B,K)FLUORANTHENE	66.7U									
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE	66.7U	5U	5U		5U	5U		1U	5U	5U
BENZO(K)FLUORANTHENE	66.7U	5U	1U		5U	5U		1U	5U	5U
BENZOIC ACID		10U	10U		10U	10U		10U	10U	10U
BENZYL ALCOHOL		10U	10U		10U	10U		5U	10U	10U
BIS(2-CHLOROETHOXY)METHANE		10U	10U		10U	10U		1U	10U	10U
BIS(2-CHLOROETHYL)ETHER		10U	10U		10U	10U		2U	10U	10U
BIS(2-CHLOROISOPROPYL)ETHER		10U	10U		10U	10U			10U	10U
BIS(2-ETHYLHEXYL)PHTHALATE		20U	20U		20U	20U		1U	20U	20U
BUTYL BENZYL PHTHALATE		5U	5U		5U	5U		1U	5U	5U
CARBAZOLE		10U	10U	10U	10U	10U		1U	10U	10U
CHRYSENE	66.7U	5U	5U		5U	5U		1U	5U	5U
DIBENZ(A,H)ANTHRACENE		5U	5U	10U	5U	5U			5U	5U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)	66.7U									
DIBENZOFURAN		10U	10U		10U	10U		1U	10U	10U
DIETHYL PHTHALATE		10U	10U		10U	10U		1U	10U	10U
DIMETHYL PHTHALATE		10U	10U		10U	10U		1U	10U	10U
DI-N-BUTYL PHTHALATE		5U	5U		5U	5U		1U	5U	5U
DI-N-OCTYL PHTHALATE		5U	5U		5U	5U		1U	5U	5U
FLUORANTHENE	66.7U	5U	5U	10U	5U	5U		1U	5U	5U
FLUORENE	66.7U	10U	10U		10U	10U		1U	10U	10U
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE		10U	10U		10U	10U		1U	10U	10U
HEXACHLOROBUTADIENE		5U	5U		5U	5U		2U	5U	5U
HEXACHLOROCYCLOPENTADIENE		5U	5U		5U	5U		5U	5U	5U
HEXACHLOROETHANE		10U	10U		10U	10U		2U	10U	10U
INDENO(1,2,3-CD)PYRENE	66.7U	5U	5U	10U	5U	5U		1U	5U	5U
ISOPHORONE		10U	10U		10U	10U		1U	10U	10U
NITROBENZENE		10U	10U		10U	10U		1U	10U	10U
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE		10U	10U		10U	10U		2U	10U	10U
N-NITROSODIPHENYLAMINE		10U	10U		10U	10U		1U	10U	10U
N-PROPYLBENZENE			1U			1U				1U
PHENANTHRENE	66.7U	10U	10U	10U	10U	10U		1U	10U	10U
PHENOL		10U	10U	10U	10U	10U		2U	10U	10U
P-ISOPROPYLTOLUENE			1U			1U				1U
PYRENE	66.7U	5U	5U		5U	5U		1U	5U	5U
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12	GWY-13	GWY-13
SAMPLE	GW-8	MW-12	HB078	KPP-GW-8	KPP-GW-12	GWY-12	GWY-12	GWY-13	GWY-13
DATE	11/19/1988	9/25/1985	3/5/1986	11/16/1988	12/16/1989	8/20/1991	4/10/1996	12/19/1996	8/20/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		1U	40U	50U	10U				
1,2-DICHLOROBENZENE		1U	40U	50U	10U		1U		
1,2-DIPHENYLHYDRAZINE		2U							
1,3-DICHLOROBENZENE		1U	40U	50U	10U		5U		
1,4-DICHLOROBENZENE		1U	40U	50U	10U		5U		
1-METHYLNAPHTHALENE							10U		
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,3,4,5-TETRACHLOROPHENOL								0.25U	**0.65**
2,3,4,6-TETRACHLOROPHENOL						**39**			**70**
2,3,4-TRICHLOROPHENOL								0.25U	**0.3Y**
2,3,5,6-TETRACHLOROPHENOL								0.25U	
2,3,6-TRICHLOROPHENOL								0.25U	0.25U
2,4,5-TRICHLOROPHENOL			200U	250U	50U			0.25U	**31Y**
2,4,6-TRICHLOROPHENOL			40U	50U	10U	11U		0.25U	0.25U
2,4-DICHLOROPHENOL			40U	50U	10U				
2,4-DIMETHYLPHENOL			40U	50U	10U	11U			
2,4-DINITROPHENOL			40U	250U	50U	53U			
2,4-DINITROTOLUENE		5U	200U	50U	10U				
2,6-DINITROTOLUENE		5U	40U	50U	10U				
2-CHLORONAPHTHALENE		1U	40U	50U	10U				
2-CHLOROPHENOL			40U	50U	10U	11U			
2-METHYLNAPHTHALENE			40U	50U	10U		10U		
2-METHYLPHENOL			40U	50U	10U				
2-NITROANILINE			200U	250U	50U				
2-NITROPHENOL			40U	50U	10U				
3,3'-DICHLOROBENZIDINE		5U	40U	100U	20U				
3-NITROANILINE			200UJ	250U	50U				
4,6-DINITRO-2-METHYLPHENOL			200U	250U	50U				
4-BROMOPHENYL-PHENYLETHER		3U	40U	50U	10U				
4-CHLORO-3-METHYLPHENOL			40U	50U	10U	11U			
4-CHLOROANILINE			40UJ	50U	10U				
4-CHLOROPHENYL-PHENYLETHER		2U	40U	50U	10U				
4-METHYLPHENOL			40U	50U	10U				
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE			200UJ	250U	50U				
4-NITROPHENOL			200U	250U	50U				
ACENAPHTHENE		1U	40U	50U	10U				
ACENAPHTHYLENE		1U	40U	50U	10U	11U			
ANILINE									
ANTHRACENE		1U	40U	50U	10U				
AZOBENZENE									
BENZIDINE		50U							
BENZO(A)ANTHRACENE		1U	40U	50U	10U	11U			
BENZO(A)PYRENE		2U	40U	50U	10U	11U			
BENZO(B)FLUORANTHENE			40U	50U	10U	11U			
BENZO(B,K)FLUORANTHENE		2U							
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE		3U	40U	50U	10U				
BENZO(K)FLUORANTHENE			40U	50U	10U				
BENZOIC ACID			200U	250U	50U				
BENZYL ALCOHOL			40U	50U	10U				
BIS(2-CHLOROETHOXY)METHANE	50U	1U	40U		10U				
BIS(2-CHLOROETHYL)ETHER		1U	40U	50U	10U				
BIS(2-CHLOROISOPROPYL)ETHER		1U	40U	50U	10U				
BIS(2-ETHYLHEXYL)PHTHALATE		10U	40U	50U	10U		10U		
BUTYL BENZYL PHTHALATE		1U	40U	50U	10U				
CARBAZOLE						10U			
CHRYSENE		1U	40U	50U	10U				
DIBENZ(A,H)ANTHRACENE		3U	40U	50U	10U	11U			
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN			40U	50U	10U				
DIETHYL PHTHALATE		1U	40U	50U	10U				
DIMETHYL PHTHALATE		1U	40U	50U	10U				
DI-N-BUTYL PHTHALATE		1U	40U	50U	10U		10U		
DI-N-OCTYL PHTHALATE		1U	40U	50U	10U				
FLUORANTHENE		1U	40U	50U	10U	11U			
FLUORENE		1U	40U	50U	10U				
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE		2U	40U	50U	10U				
HEXACHLOROBUTADIENE		2U	40U	50U	10U				
HEXACHLOROCYCLOPENTADIENE		5U	40U	50U	10U				
HEXACHLOROETHANE		1U	40U	50U	10U				
INDENO(1,2,3-CD)PYRENE		3U	40U	50U	10U	11U			
ISOPHORONE		1U	40U	50U	10U				
NITROBENZENE		2U	40U	50U	10U				
N-NITROSODIMETHYLAMINE		3U							
N-NITROSODI-N-PROPYLAMINE		2U	40U	50U	10U				
N-NITROSODIPHENYLAMINE		1U	40U	50U	10U				
N-PROPYLBENZENE									
PHENANTHRENE		1U	40U	50U	10U	11U	10U		
PHENOL			40U	50U	10U	11U			
P-ISOPROPYLTOLUENE									
PYRENE		1U	40U	50U	10U				
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWY-13	GWY-13	GWY-13	GWY-13	GWY-13	GWY-14	GWY-14	GWY-14	GWY-14
SAMPLE	MW-13	MW-13	MW-13	MW-13	KPP-GW-13	GWY-14	GWY-14	GWY-14	EXK-0502-101
DATE	7/14/1998	8/7/1995	9/25/1985	4/24/1995	12/16/1989	12/19/1996	8/20/1997	7/10/2001	5/8/2002
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		10U	1U	1U	200U			1U	
1,2-DICHLOROBENZENE		10U	1U	5U	200U			1U	
1,2-DIPHENYLHYDRAZINE			2U						
1,3-DICHLOROBENZENE		10U	1U	5U	200U			1U	
1,4-DICHLOROBENZENE		10U	1U	5U	200U			1U	
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)								1U	
2,3,4,5-TETRACHLOROPHENOL						**1.9**	**3.6**		
2,3,4,6-TETRACHLOROPHENOL							**23**		
2,3,4-TRICHLOROPHENOL						**0.37**	**0.25**		
2,3,5,6-TETRACHLOROPHENOL						**22**			
2,3,6-TRICHLOROPHENOL						0.25U	0.25U		
2,4,5-TRICHLOROPHENOL		20U		10U	1000U	**6.2Y**	**8.7Y**	5U	
2,4,6-TRICHLOROPHENOL		**35**		**40**	200U	0.25U	0.25U	5U	
2,4-DICHLOROPHENOL		20U		10U	200U			3U	
2,4-DIMETHYLPHENOL		20U		10U	200U			3U	
2,4-DINITROPHENOL		20U		10U	1000U			10U	
2,4-DINITROTOLUENE		20U	5U	10U	200U			5U	
2,6-DINITROTOLUENE		20U	5U	10U	200U			5U	
2-CHLORONAPHTHALENE		20U	1U	10U	200U			1U	
2-CHLOROPHENOL		20U		10U	200U			1U	
2-METHYLNAPHTHALENE		20U		10U	**18J**			1U	10U
2-METHYLPHENOL		20U		10U	200U			1U	
2-NITROANILINE		40U		20U	1000U			5U	
2-NITROPHENOL		10U		5U	200U			5U	
3,3'-DICHLOROBENZIDINE		20U	5U	10U	400U			5U	
3-NITROANILINE		20U		10U	1000U			6U	
4,6-DINITRO-2-METHYLPHENOL		20U		10U	1000U			10U	
4-BROMOPHENYL-PHENYLETHER		20U	3U	10U	200U			1U	
4-CHLORO-3-METHYLPHENOL		20U		10U	200U			2U	
4-CHLOROANILINE		10U		5U	200U			3U	
4-CHLOROPHENYL-PHENYLETHER		20U	2U		200U			1U	
4-METHYLPHENOL		20U		10U	200U			1U	
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE		20U		10U	1000U			5U	
4-NITROPHENOL		20U		10U	1000U			5U	
ACENAPHTHENE		20U	1U	10U	200U			1U	10U
ACENAPHTHYLENE		20U	1U		200U			1U	
ANILINE		20U		10U					
ANTHRACENE		20U	1U	10U	200U			1U	10U
AZOBENZENE									
BENZIDINE		100U	50U	50U					
BENZO(A)ANTHRACENE	0.1U	10U	1U	5U	200U			1U	10U
BENZO(A)PYRENE	0.1U	10U	2U	5U	200U			1U	10U
BENZO(B)FLUORANTHENE	0.1U	10U		5U	200U			1U	
BENZO(B,K)FLUORANTHENE			2U						10U
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE		10U	3U	5U	200U			1U	10U
BENZO(K)FLUORANTHENE	0.1U	10U		5U	200U			1U	10U
BENZOIC ACID		20U		10U	1000U			10U	
BENZYL ALCOHOL		20U		10U	200U			5U	
BIS(2-CHLOROETHOXY)METHANE		20U	1U	10U	200U			1U	
BIS(2-CHLOROETHYL)ETHER		20U	1U	10U	200U			2U	
BIS(2-CHLOROISOPROPYL)ETHER		20U	1U	10U	200U				
BIS(2-ETHYLHEXYL)PHTHALATE		40U	10U	20U	200U			1U	
BUTYL BENZYL PHTHALATE		10U	1U	5U	200U			1U	
CARBAZOLE		20U		10U				1U	
CHRYSENE	0.1U	10U	1U	5U	200U			1U	10U
DIBENZ(A,H)ANTHRACENE		20U	3U	5U	200U				
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									10U
DIBENZOFURAN		20U		10U	200U			1U	
DIETHYL PHTHALATE		20U	1U	10U	200U			1U	
DIMETHYL PHTHALATE		20U	1U	10U	200U			1U	
DI-N-BUTYL PHTHALATE		10U	1U	5U	200U			1U	
DI-N-OCTYL PHTHALATE		10U	1U	5U	200U			1U	
FLUORANTHENE		10U	1U	5U	200U			1U	10U
FLUORENE		20U	1U	10U	200U			1U	10U
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE		20U	2U	10U	200U			1U	
HEXACHLOROBUTADIENE		10U	2U	5U	200U			2U	
HEXACHLOROCYCLOPENTADIENE		10U	5U	5U	200U			5U	
HEXACHLOROETHANE		20U	1U	10U	200U			2U	
INDENO(1,2,3-CD)PYRENE	0.1U	10U	3U	5U	200U			1U	10U
ISOPHORONE		20U	1U	10U	200U			1U	
NITROBENZENE		20U	2U	10U	200U			1U	
N-NITROSODIMETHYLAMINE			3U						
N-NITROSODI-N-PROPYLAMINE		20U	2U	10U	200U			2U	
N-NITROSODIPHENYLAMINE		20U	1U	10U	200U			1U	
N-PROPYLBENZENE				1U					
PHENANTHRENE		20U	1U	10U	200U			1U	10U
PHENOL		20U		10U	200U			2U	
P-ISOPROPYLTOLUENE				1U					
PYRENE		10U	1U	5U	200U			1U	10U
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWY-14	GWY-14	GWY-14	GWY-14	GWY-14	GWY-14	GWY-14	GWY-3	GWY-3	GWY-3
SAMPLE	MW-14	MW-14	MW-14	MW-14	KPP-GW-14	GWY-14	MW-14-A	GWY-3	GWY-3	MW-3
DATE	7/14/1998	8/7/1995	9/25/1985	4/24/1995	12/16/1989	8/20/1991	6/24/1992	12/19/1996	8/20/1997	8/7/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		5U	1U	5U	10U		1U			5U
1,2-DICHLOROBENZENE		5U	1U	5U	10U		1U			5U
1,2-DIPHENYLHYDRAZINE			2U				2U			
1,3-DICHLOROBENZENE		5U	1U	5U	10U		1U			5U
1,4-DICHLOROBENZENE		5U	1U	5U	10U		1U			5U
1-METHYLNAPHTHALENE										
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL								0.25U	0.25U	
2,3,4,6-TETRACHLOROPHENOL						**11**			0.25U	
2,3,4-TRICHLOROPHENOL								0.25U	0.25U	
2,3,5,6-TETRACHLOROPHENOL								0.25U		
2,3,6-TRICHLOROPHENOL								0.25U	0.25U	
2,4,5-TRICHLOROPHENOL		10U		10U	50U		**1J**	0.25U	0.25U	10U
2,4,6-TRICHLOROPHENOL		10U		10U	10U	11U	2U	0.25U	0.25U	10U
2,4-DICHLOROPHENOL		10U		10U	10U		**1J**			10U
2,4-DIMETHYLPHENOL		10U		10U	10U	11U	1U			10U
2,4-DINITROPHENOL		10U		10U	50U	53U	10U			10U
2,4-DINITROTOLUENE		10U	5U	10U	10U		2U			10U
2,6-DINITROTOLUENE		10U	5U	10U	10U		2U			10U
2-CHLORONAPHTHALENE		10U	1U	10U	10U		1U			10U
2-CHLOROPHENOL		10U		10U	10U	11U	1U			10U
2-METHYLNAPHTHALENE		10U		10U	10U		1U			10U
2-METHYLPHENOL		10U		10U	10U		1U			10U
2-NITROANILINE		20U		20U	50U		2U			20U
2-NITROPHENOL		5U		5U	10U		2U			5U
3,3'-DICHLOROBENZIDINE		10U	5U	10U	20U		10U			10U
3-NITROANILINE		10U		10U	50U		5U			10U
4,6-DINITRO-2-METHYLPHENOL		10U		10U	50U		10U			10U
4-BROMOPHENYL-PHENYLETHER		10U	3U	10U	10U		2U			10U
4-CHLORO-3-METHYLPHENOL		10U		10U	10U	11U	2U			10U
4-CHLOROANILINE		5U		5U	10U		1U			5U
4-CHLOROPHENYL-PHENYLETHER		10U	2U		10U		1U			10U
4-METHYLPHENOL		10U		10U	10U		1U			10U
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE		10U		10U	50U		2U			10U
4-NITROPHENOL		10U		10U	50U		10U			10U
ACENAPHTHENE		10U	1U	10U	10U		1U			10U
ACENAPHTHYLENE		10U	1U		10U	11U	1U			10U
ANILINE		10U		10U			5U			10U
ANTHRACENE		10U	1U	10U	10U		1U			10U
AZOBENZENE										
BENZIDINE		50U	50U	50U			25U			50U
BENZO(A)ANTHRACENE	0.1U	5U	1U	5U	10U	11U	1U			5U
BENZO(A)PYRENE	0.1U	5U	2U	5U	10U	11U	1U			5U
BENZO(B)FLUORANTHENE	0.1U	5U		5U	10U	11U	1U			5U
BENZO(B,K)FLUORANTHENE			2U							
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE		5U	3U	5U	10U		1U			5U
BENZO(K)FLUORANTHENE	0.1U	5U		5U	10U		1U			5U
BENZOIC ACID		10U		10U	50U		25U			10U
BENZYL ALCOHOL		10U		10U	10U		1U			10U
BIS(2-CHLOROETHOXY)METHANE		10U	1U	10U	10U		1U			10U
BIS(2-CHLOROETHYL)ETHER		10U	1U	10U	10U		1U			10U
BIS(2-CHLOROISOPROPYL)ETHER		10U	1U	10U	10U		1U			10U
BIS(2-ETHYLHEXYL)PHTHALATE		20U	10U	20U	10U		**1B**			20U
BUTYL BENZYL PHTHALATE		5U	1U	5U	10U		1U			5U
CARBAZOLE		10U		10U		11U	1U			10U
CHRYSENE	**0.136**	5U	1U	5U	10U		1U			5U
DIBENZ(A,H)ANTHRACENE		5U	3U	5U	10U	11U	1U			5U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)										
DIBENZOFURAN		10U		10U	10U		1U			10U
DIETHYL PHTHALATE		10U	1U	10U	10U		1U			10U
DIMETHYL PHTHALATE		10U	1U	10U	10U		1U			10U
DI-N-BUTYL PHTHALATE		5U	1U	5U	10U		**2B**			5U
DI-N-OCTYL PHTHALATE		5U	1U	5U	10U		1U			5U
FLUORANTHENE		5U	1U	5U	10U	11U	1U			5U
FLUORENE		10U	1U	10U	10U		1U			10U
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE		10U	2U	10U	10U		2U			10U
HEXACHLOROBUTADIENE		5U	2U	5U	10U		1U			5U
HEXACHLOROCYCLOPENTADIENE		5U	5U	5U	10U		2U			5U
HEXACHLOROETHANE		10U	1U	10U	10U		2U			10U
INDENO(1,2,3-CD)PYRENE	0.1U	5U	3U	5U	10U	11U	1U			5U
ISOPHORONE		10U	1U	10U	10U		1U			10U
NITROBENZENE		10U	2U	10U	10U		1U			10U
N-NITROSODIMETHYLAMINE			3U							
N-NITROSODI-N-PROPYLAMINE		10U	2U	10U	10U		1U			10U
N-NITROSODIPHENYLAMINE		10U	1U	10U	10U		1U			10U
N-PROPYLBENZENE				1U						
PHENANTHRENE		10U	1U	10U	10U	11U	**1**			10U
PHENOL		10U		10U	10U	11U	1U			10U
P-ISOPROPYLTOLUENE				1U						
PYRENE		5U	1U	5U	10U		1U			5U
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWY-3	GWY-3	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4
SAMPLE	MW-3	HB094	GWY-4	GWY-4	GWY-4	EXK-0502-105	EXK-0502-106	MW-4	MW-4
DATE	4/24/1995	3/5/1986	12/19/1996	8/21/1997	7/10/2001	5/8/2002	5/8/2002	7/14/1998	8/7/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	5U	10U			1U				5U
1,2-DICHLOROBENZENE	5U	10U			1U				5U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	5U	10U			1U				5U
1,4-DICHLOROBENZENE	5U	10U			1U				5U
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)					1U				
2,3,4,5-TETRACHLOROPHENOL			0.25U	**0.94**					
2,3,4,6-TETRACHLOROPHENOL				**0.7**					
2,3,4-TRICHLOROPHENOL			0.25U	0.25U					
2,3,5,6-TETRACHLOROPHENOL			0.25U						
2,3,6-TRICHLOROPHENOL			0.25U	0.25U					
2,4,5-TRICHLOROPHENOL	10U	50U	**0.42**	**0.77Y**	5U				10U
2,4,6-TRICHLOROPHENOL	10U	10U	0.25U	0.25U	5U				10U
2,4-DICHLOROPHENOL	10U	10U			3U				10U
2,4-DIMETHYLPHENOL	10U	10U			3U				10U
2,4-DINITROPHENOL	10U	50U			10U				10U
2,4-DINITROTOLUENE	10U	10U			5U				10U
2,6-DINITROTOLUENE	10U	10U			5U				10U
2-CHLORONAPHTHALENE	10U	10U			1U				10U
2-CHLOROPHENOL	10U	10U			1U				10U
2-METHYLNAPHTHALENE	10U	10U			1U	10U	10U		10U
2-METHYLPHENOL	10U	10U			1U				10U
2-NITROANILINE	20U	50U			5U				20U
2-NITROPHENOL	5U	10U			5U				5U
3,3'-DICHLOROBENZIDINE	10U	20U			5U				10U
3-NITROANILINE	10U	50UJ			6U				10U
4,6-DINITRO-2-METHYLPHENOL	10U	50U			10U				10U
4-BROMOPHENYL-PHENYLETHER	10U	10U			1U				10U
4-CHLORO-3-METHYLPHENOL	10U	10U			2U				10U
4-CHLOROANILINE	5U	10UJ			3U				5U
4-CHLOROPHENYL-PHENYLETHER	10U	10U			1U				10U
4-METHYLPHENOL	10U	10U			**3.1**				10U
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE	10U	50U			5U				10U
4-NITROPHENOL	10U	50U			5U				10U
ACENAPHTHENE	10U	10U			1U	10U	10U		10U
ACENAPHTHYLENE	10U	10U			1U	10U			10U
ANILINE	10U								10U
ANTHRACENE	10U	10U			1U	10U	10U		10U
AZOBENZENE									
BENZIDINE	50U								50U
BENZO(A)ANTHRACENE	5U	10U			1U	10U	10U	100U	5U
BENZO(A)PYRENE	5U	10U			1U	10U	10U	100U	5U
BENZO(B)FLUORANTHENE	5U	10U			1U			100U	5U
BENZO(B,K)FLUORANTHENE						10U	10U		
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	5U	10U			1U	10U	10U		5U
BENZO(K)FLUORANTHENE	5U	10U			1U	10U	10U	100U	5U
BENZOIC ACID	10U	50U			10U				10U
BENZYL ALCOHOL	10U	10U			5U				10U
BIS(2-CHLOROETHOXY)METHANE	10U	10U			1U				10U
BIS(2-CHLOROETHYL)ETHER	10U	10U			2U				10U
BIS(2-CHLOROISOPROPYL)ETHER	10U	10U							10U
BIS(2-ETHYLHEXYL)PHTHALATE	20U	**2J**			1U				20U
BUTYL BENZYL PHTHALATE	5U	10U			1U				5U
CARBAZOLE	10U				1U				10U
CHRYSENE	5U	10U			1U	10U	10U	**302**	5U
DIBENZ(A,H)ANTHRACENE	5U	10U							5U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)						10U	10U		
DIBENZOFURAN	10U	10U			1U				10U
DIETHYL PHTHALATE	10U	10U			1U				10U
DIMETHYL PHTHALATE	10U	10U			1U				10U
DI-N-BUTYL PHTHALATE	5U	10U			1U				5U
DI-N-OCTYL PHTHALATE	5U	10U			1U				5U
FLUORANTHENE	5U	10U			**2.1**	10U	10U		5U
FLUORENE	10U	10U			1U	10U	10U		10U
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE	10U	10U			1U				10U
HEXACHLOROBUTADIENE	5U	10U			2U				5U
HEXACHLOROCYCLOPENTADIENE	5U	10U			5U				5U
HEXACHLOROETHANE	10U	10U			2U				10U
INDENO(1,2,3-CD)PYRENE	5U	10U			1U	10U	10U	100U	5U
ISOPHORONE	10U	10U			1U				10U
NITROBENZENE	10U	10U			1U				10U
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE	10U	10U			2U				10U
N-NITROSODIPHENYLAMINE	10U	10U			1U				10U
N-PROPYLBENZENE	1U								
PHENANTHRENE	10U	10U			**2.9**	10U	10U		10U
PHENOL	10U	**1J**			2U				10U
P-ISOPROPYLTOLUENE	1U								
PYRENE	5U	10U			1U	10U	10U		5U
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWY-4	GWY-4	GWY-4	GWY-4
SAMPLE	MW-4	MW-4	HC267	HC268 DUP
DATE	9/25/1985	4/24/1995	3/7/1986	3/7/1986
UNITS	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	1U	1U	100U	100U
1,2-DICHLOROBENZENE	1U	1U	100U	100U
1,2-DIPHENYLHYDRAZINE	2U			
1,3-DICHLOROBENZENE	1U	1U	100U	100U
1,4-DICHLOROBENZENE	1U	1U	100U	100U
1-METHYLNAPHTHALENE				
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,3,4,5-TETRACHLOROPHENOL				
2,3,4,6-TETRACHLOROPHENOL				
2,3,4-TRICHLOROPHENOL				
2,3,5,6-TETRACHLOROPHENOL				
2,3,6-TRICHLOROPHENOL				
2,4,5-TRICHLOROPHENOL		200U	500U	500U
2,4,6-TRICHLOROPHENOL		200U	100U	100U
2,4-DICHLOROPHENOL		200U	100U	100U
2,4-DIMETHYLPHENOL		200U	100U	100U
2,4-DINITROPHENOL		200U	500U	500U
2,4-DINITROTOLUENE	5U	200U	100U	100U
2,6-DINITROTOLUENE	5U	200U	100U	100U
2-CHLORONAPHTHALENE	1U	200U	100U	100U
2-CHLOROPHENOL		200U	100U	100U
2-METHYLNAPHTHALENE		200U	**110**	**110**
2-METHYLPHENOL		200U	100U	100U
2-NITROANILINE		400U	500U	500U
2-NITROPHENOL		100U	100U	100U
3,3'-DICHLOROBENZIDINE	5U	200U	200UJ	200UJ
3-NITROANILINE		200U		
4,6-DINITRO-2-METHYLPHENOL		200U	100U	500U
4-BROMOPHENYL-PHENYLETHER	3U	200U	100U	100U
4-CHLORO-3-METHYLPHENOL		200U	100U	100U
4-CHLOROANILINE		100U	100UJ	100UJ
4-CHLOROPHENYL-PHENYLETHER	2U		100U	100U
4-METHYLPHENOL		200U	100U	100U
4-METHYLPHENOL/3-METHYLPHENOL				
4-NITROANILINE		200U	500UJ	500U
4-NITROPHENOL		200U	500U	500U
ACENAPHTHENE	1U	200U	100U	100U
ACENAPHTHYLENE	1U	200U	100U	100U
ANILINE		200U		
ANTHRACENE	1U	200U	100U	100U
AZOBENZENE				
BENZIDINE	50U	1000U		
BENZO(A)ANTHRACENE	1U	100U	100U	100U
BENZO(A)PYRENE	2U	100U	100U	100U
BENZO(B)FLUORANTHENE		100U	100U	100U
BENZO(B,K)FLUORANTHENE	2U			
BENZO(E)PYRENE				
BENZO(G,H,I)PERYLENE	3U	100U	100U	100U
BENZO(K)FLUORANTHENE		100U	100U	100U
BENZOIC ACID		200U	500U	500U
BENZYL ALCOHOL		200U	100U	100U
BIS(2-CHLOROETHOXY)METHANE	1U	200U	100U	100U
BIS(2-CHLOROETHYL)ETHER	1U	200U	100U	100U
BIS(2-CHLOROISOPROPYL)ETHER	1U	200U	100U	100U
BIS(2-ETHYLHEXYL)PHTHALATE	10U	400U	100U	100U
BUTYL BENZYL PHTHALATE	1U	100U	100U	100U
CARBAZOLE		200U		
CHRYSENE	1U	100U	100U	100U
DIBENZ(A,H)ANTHRACENE	3U	100U	100U	100U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)				
DIBENZOFURAN		200U	100U	100U
DIETHYL PHTHALATE	1U	200U	100U	100U
DIMETHYL PHTHALATE	1U	200U	100U	100U
DI-N-BUTYL PHTHALATE	1U	100U	100U	100U
DI-N-OCTYL PHTHALATE	1U	100U	100U	100U
FLUORANTHENE	1U	100U	100U	100U
FLUORENE	**2**	200U	100U	100U
HEXACHLORO-1,3-BUTADIENE				
HEXACHLOROBENZENE	2U	200U	100U	100U
HEXACHLOROBUTADIENE	2U	1U	100U	100U
HEXACHLOROCYCLOPENTADIENE	5U	100U	100U	100U
HEXACHLOROETHANE	1U	200U	100U	100U
INDENO(1,2,3-CD)PYRENE	3U	100U	100U	100U
ISOPHORONE	1U	200U	100U	100U
NITROBENZENE	2U	200U	100U	100U
N-NITROSODIMETHYLAMINE	3U			
N-NITROSODI-N-PROPYLAMINE	2U	200U	100U	100U
N-NITROSODIPHENYLAMINE	1U	200U	100U	100U
N-PROPYLBENZENE		**2.2**		
PHENANTHRENE	1U	200U	100U	**15J**
PHENOL		200U	100U	100U
P-ISOPROPYLTOLUENE		**3.4**		
PYRENE	1U	100U	100U	100U
PYRIDINE				

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	GWY-4	GWY-7	GWY-7	GWY-8	GWY-8	GWY-8	GWY-9	GWY-9	GWY-9	KPT-1
SAMPLE	KPP-GW-15	MW-7	MW-7	MW-8	MW-8	GWY-8	MW-9	HB093	MW-9	KPT-1
DATE	12/16/1989	8/7/1995	4/24/1995	8/7/1995	4/24/1995	8/20/1991	8/7/1995	3/5/1986	4/24/1995	11/15/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	10U	10U	5U	5U	5U		5U	20U	5U	5U
1,2-DICHLOROBENZENE	10U	10U	5U	5U	5U		5U	20U	5U	1U
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE	10U	10U	5U	5U	5U		5U	20U	5U	1U
1,4-DICHLOROBENZENE	10U	10U	5U	5U	5U		5U	20U	5U	1U
1-METHYLNAPHTHALENE										
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL										
2,3,4,6-TETRACHLOROPHENOL						10U				
2,3,4-TRICHLOROPHENOL										
2,3,5,6-TETRACHLOROPHENOL										
2,3,6-TRICHLOROPHENOL										
2,4,5-TRICHLOROPHENOL	50U	20U	**13**	10U	10U		10U	100U	10U	
2,4,6-TRICHLOROPHENOL	10U	**110**	**130**	10U	10U	10U	**68**	20U	**32**	
2,4-DICHLOROPHENOL	10U	20U	10U	10U	10U		10U	20U	**16**	
2,4-DIMETHYLPHENOL	10U	20U	10U	10U	10U	10U	10U	20U	10U	
2,4-DINITROPHENOL	50U	20U	10U	10U	10U	50U	10U	100U	10U	
2,4-DINITROTOLUENE	10U	20U	10U	10U	10U		10U	20U	10U	
2,6-DINITROTOLUENE	10U	20U	10U	10U	10U		10U	20U	10U	
2-CHLORONAPHTHALENE	10U	20U	10U	10U	10U		10U	20U	10U	
2-CHLOROPHENOL	10U	20U	10U	10U	10U	10U	10U	20U	10U	
2-METHYLNAPHTHALENE	**34**	20U	10U	10U	10U		10U	20U	10U	
2-METHYLPHENOL	10U	20U	10U	10U	10U		10U	**200**	10U	
2-NITROANILINE	50U	40U	20U	20U	20U		20U	100U	20U	
2-NITROPHENOL	10U	10U	5U	5U	5U		5U	20U	5U	
3,3'-DICHLOROBENZIDINE	20U	20U	10U	10U	10U		10U	40UJ	10U	
3-NITROANILINE	50U	20U	10U	10U	10U		10U		10U	
4,6-DINITRO-2-METHYLPHENOL	50U	20U	10U	10U	10U		10U	100U	10U	
4-BROMOPHENYL-PHENYLETHER	10U	20U	10U	10U	10U		10U	20U	10U	
4-CHLORO-3-METHYLPHENOL	10U	20U	10U	10U	10U	10U	10U	20U	10U	
4-CHLOROANILINE	10U	10U	5U	5U	5U		5U	20UJ	5U	
4-CHLOROPHENYL-PHENYLETHER	10U	20U		10U			10U	20U		
4-METHYLPHENOL	10U	20U	10U	10U	10U		10U	**42**	10U	
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE	50U	20U	10U	10U	10U		10U	100U	10U	
4-NITROPHENOL	50U	20U	10U	10U	10U		10U	100U	10U	
ACENAPHTHENE	10U	20U	10U	10U	10U		10U	20U	10U	
ACENAPHTHYLENE	10U	20U		10U		10U	10U	20U		
ANILINE		20U	10U	10U	10U		10U		10U	
ANTHRACENE	10U	20U	10U	10U	10U		10U	20U	10U	
AZOBENZENE										
BENZIDINE		100U	50U	50U	50U		50U		50U	
BENZO(A)ANTHRACENE	**1J**	10U	5U	5U	5U	10U	5U	20U	5U	
BENZO(A)PYRENE	10U	10U	5U	5U	5U	10U	5U	20U	5U	
BENZO(B)FLUORANTHENE	10U	10U	5U	5U	5U	10U	5U	20U	5U	
BENZO(B,K)FLUORANTHENE										
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE	10U	10U	5U	5U	5U		5U	20U	5U	
BENZO(K)FLUORANTHENE	10U	10U	5U	5U	5U		5U	20U	5U	
BENZOIC ACID	50U	20U	10U	10U	10U		10U	100U	10U	
BENZYL ALCOHOL	10U	20U	10U	10U	10U		10U	20U	10U	
BIS(2-CHLOROETHOXY)METHANE	10U	20U	10U	10U	10U		10U	20U	10U	
BIS(2-CHLOROETHYL)ETHER	10U	20U	10U	10U	10U		10U	20U	10U	
BIS(2-CHLOROISOPROPYL)ETHER	10U	20U	10U	10U	10U		10U	20U	10U	
BIS(2-ETHYLHEXYL)PHTHALATE	10U	40U	20U	20U	20U		20U	20U	20U	
BUTYL BENZYL PHTHALATE	10U	10U	5U	5U	5U		5U	20U	5U	
CARBAZOLE		20U	10U	10U	10U	10U	10U		10U	
CHRYSENE	10U	10U	5U	5U	5U		5U	20U	5U	
DIBENZ(A,H)ANTHRACENE	10U	10U	5U	5U	5U	10U	5U	20U	5U	
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)										
DIBENZOFURAN	10U	20U	10U	10U	10U		10U	20U	10U	
DIETHYL PHTHALATE	10U	20U	10U	10U	10U		10U	20U	10U	
DIMETHYL PHTHALATE	10U	20U	10U	10U	10U		10U	20U	10U	
DI-N-BUTYL PHTHALATE	10U	10U	5U	5U	5U		5U	20U	5U	
DI-N-OCTYL PHTHALATE	10U	10U	5U	5U	5U		5U	20U	5U	
FLUORANTHENE	10U	10U	5U	5U	5U	10U	5U	20U	5U	
FLUORENE	**15**	20U	10U	10U	10U		10U	20U	10U	
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE	10U	20U	10U	10U	10U		10U	20U	10U	
HEXACHLOROBUTADIENE	10U	10U	5U	5U	5U		5U	20U	5U	5U
HEXACHLOROCYCLOPENTADIENE	10U	10U	5U	5U	5U		5U	20U	5U	
HEXACHLOROETHANE	10U	20U	10U	10U	10U		10U	20U	10U	
INDENO(1,2,3-CD)PYRENE	10U	10U	5U	5U	5U	10U	5U	20U	5U	
ISOPHORONE	10U	20U	10U	10U	10U		10U	20U	10U	
NITROBENZENE	10U	20U	10U	10U	10U		10U	20U	10U	
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE	10U	20U	10U	10U	10U		10U	20U	10U	
N-NITROSODIPHENYLAMINE	10U	20U	10U	10U	10U		10U	20U	10U	
N-PROPYLBENZENE			1U		1U				1U	1U
PHENANTHRENE	**20**	20U	10U	10U	10U	10U	10U	20U	10U	
PHENOL	10U	20U	10U	10U	10U	10U	10U	**81**	10U	
P-ISOPROPYLTOLUENE			1U		1U				1U	
PYRENE	10U	10U	5U	5U	5U		5U	20U	5U	
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	KPT-1	KPT-1	KPT-1	KPT-1	KPT-10	KPT-10	KPT-10	KPT-10	KPT-11
SAMPLE	KPT-1	KPT-1	KPT-1	KPT-1	KPT-10	KPT-10	KPT-100	KPT-10	KPT-11
DATE	11/15/1994	9/11/1996	12/17/1996	8/22/1997	12/18/1996	8/20/1997	8/20/1997	7/8/2001	12/21/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	1U						5U	1U	
1,2-DICHLOROBENZENE	1U						1U	1U	
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	1U						1U	1U	
1,4-DICHLOROBENZENE	1U						1U	1U	
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)	1U							1U	
2,3,4,5-TETRACHLOROPHENOL		0.25U	0.25U	0.25U	0.25U	0.25U			0.25U
2,3,4,6-TETRACHLOROPHENOL				0.25U		0.25U			
2,3,4-TRICHLOROPHENOL		0.25U	0.25U	0.25U	0.25U	0.25U			0.25U
2,3,5,6-TETRACHLOROPHENOL		0.25U	0.25U		0.25U				0.25U
2,3,6-TRICHLOROPHENOL		0.25U	0.25U	0.25U	0.25U	0.25U			0.25U
2,4,5-TRICHLOROPHENOL	5U	0.25U	0.25U	0.25U	0.25U	0.25U		5U	0.25U
2,4,6-TRICHLOROPHENOL	5U	0.25U	0.25U	0.25U	0.25U	0.25U		5U	0.25U
2,4-DICHLOROPHENOL	3U							3U	
2,4-DIMETHYLPHENOL	3U							3U	
2,4-DINITROPHENOL	10U							10U	
2,4-DINITROTOLUENE	5U							5U	
2,6-DINITROTOLUENE	5U							5U	
2-CHLORONAPHTHALENE	1U							1U	
2-CHLOROPHENOL	1U							1U	
2-METHYLNAPHTHALENE	1U							1U	
2-METHYLPHENOL	2U							1U	
2-NITROANILINE	5U							5U	
2-NITROPHENOL	5U							5U	
3,3'-DICHLOROBENZIDINE	5U							5U	
3-NITROANILINE	6U							6U	
4,6-DINITRO-2-METHYLPHENOL	10U							10U	
4-BROMOPHENYL-PHENYLETHER	1U							1U	
4-CHLORO-3-METHYLPHENOL	2U							2U	
4-CHLOROANILINE	3U							3U	
4-CHLOROPHENYL-PHENYLETHER								1U	
4-METHYLPHENOL	1U							1U	
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE	5U							5U	
4-NITROPHENOL	5U							5U	
ACENAPHTHENE	1U							1U	
ACENAPHTHYLENE	1U							1U	
ANILINE									
ANTHRACENE	1U							1U	
AZOBENZENE									
BENZIDINE									
BENZO(A)ANTHRACENE	1U							1U	
BENZO(A)PYRENE	1U							1U	
BENZO(B)FLUORANTHENE	1U							1U	
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	1U							1U	
BENZO(K)FLUORANTHENE	1U							1U	
BENZOIC ACID	10U							10U	
BENZYL ALCOHOL	5U							5U	
BIS(2-CHLOROETHOXY)METHANE	1U							1U	
BIS(2-CHLOROETHYL)ETHER	2U							2U	
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE	1U							1U	
BUTYL BENZYL PHTHALATE	1U							1U	
CARBAZOLE	1U							1U	
CHRYSENE	1U							1U	
DIBENZ(A,H)ANTHRACENE	1U							1U	
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN	1U							1U	
DIETHYL PHTHALATE	1U							1U	
DIMETHYL PHTHALATE	1U							1U	
DI-N-BUTYL PHTHALATE	1U							1U	
DI-N-OCTYL PHTHALATE	1U							1U	
FLUORANTHENE	1U							1U	
FLUORENE	1U							1U	
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE	1U							1U	
HEXACHLOROBUTADIENE	2U						5U	2U	
HEXACHLOROCYCLOPENTADIENE	5U							5U	
HEXACHLOROETHANE	2U							2U	
INDENO(1,2,3-CD)PYRENE	1U							1U	
ISOPHORONE	1U							1U	
NITROBENZENE	1U							1U	
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE	2U							2U	
N-NITROSODIPHENYLAMINE	1U							1U	
N-PROPYLBENZENE							1U		
PHENANTHRENE	1U							1U	
PHENOL	2U							2U	
P-ISOPROPYLTOLUENE									
PYRENE	1U							1U	
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	KPT-11	KPT-12	KPT-12	KPT-12	KPT-12	KPT-12	KPT-13	KPT-13	KPT-14
SAMPLE	KPT-11	KPT-12	KPT-120 DUP	KPT-12	KPT-12	KPT-12	KPT-13	KPT-13	KPT-14
DATE	8/22/1997	9/12/1996	12/17/1996	12/17/1996	8/22/1997	7/9/2001	12/20/1996	8/23/1997	12/20/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE						1U			
1,2-DICHLOROBENZENE						1U			
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE						1U			
1,4-DICHLOROBENZENE						1U			
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)						1U			
2,3,4,5-TETRACHLOROPHENOL	0.25U	0.25U	0.25U	0.25U	0.25U		0.25U	0.25U	**0.42Y**
2,3,4,6-TETRACHLOROPHENOL	0.25U				0.25U			0.25U	
2,3,4-TRICHLOROPHENOL	0.25U	0.25U	0.25U	0.25U	0.25U		0.25U	0.25U	**0.16J**
2,3,5,6-TETRACHLOROPHENOL		0.25U	**0.18J**	**0.16J**			0.25U		**1.5**
2,3,6-TRICHLOROPHENOL	0.25U	0.25U	0.25U	0.25U	0.25U		0.25U	0.25U	0.25U
2,4,5-TRICHLOROPHENOL	0.25U	0.25U	0.25U	0.25U	0.25U	5U	0.25U	0.25U	0.25U
2,4,6-TRICHLOROPHENOL	0.25U	0.25U	0.25U	0.25U	0.25U	5U	0.25U	0.25U	0.25U
2,4-DICHLOROPHENOL						3U			
2,4-DIMETHYLPHENOL						3U			
2,4-DINITROPHENOL						10U			
2,4-DINITROTOLUENE						5U			
2,6-DINITROTOLUENE						5U			
2-CHLORONAPHTHALENE						1U			
2-CHLOROPHENOL						1U			
2-METHYLNAPHTHALENE						1U			
2-METHYLPHENOL						1U			
2-NITROANILINE						5U			
2-NITROPHENOL						5U			
3,3'-DICHLOROBENZIDINE						5U			
3-NITROANILINE						6U			
4,6-DINITRO-2-METHYLPHENOL						10U			
4-BROMOPHENYL-PHENYLETHER						1U			
4-CHLORO-3-METHYLPHENOL						2U			
4-CHLOROANILINE						3U			
4-CHLOROPHENYL-PHENYLETHER						1U			
4-METHYLPHENOL						1U			
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE						5U			
4-NITROPHENOL						5U			
ACENAPHTHENE						1U			
ACENAPHTHYLENE						1U			
ANILINE									
ANTHRACENE						1U			
AZOBENZENE									
BENZIDINE									
BENZO(A)ANTHRACENE						1U			
BENZO(A)PYRENE						1U			
BENZO(B)FLUORANTHENE						1U			
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE						1U			
BENZO(K)FLUORANTHENE						1U			
BENZOIC ACID						10U			
BENZYL ALCOHOL						5U			
BIS(2-CHLOROETHOXY)METHANE						1U			
BIS(2-CHLOROETHYL)ETHER						2U			
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE						1U			
BUTYL BENZYL PHTHALATE						1U			
CARBAZOLE						1U			
CHRYSENE						1U			
DIBENZ(A,H)ANTHRACENE									
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN						1U			
DIETHYL PHTHALATE						1U			
DIMETHYL PHTHALATE						1U			
DI-N-BUTYL PHTHALATE						1U			
DI-N-OCTYL PHTHALATE						1U			
FLUORANTHENE						1U			
FLUORENE						1U			
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE						1U			
HEXACHLOROBUTADIENE						2U			
HEXACHLOROCYCLOPENTADIENE						5U			
HEXACHLOROETHANE						2U			
INDENO(1,2,3-CD)PYRENE						1U			
ISOPHORONE						1U			
NITROBENZENE						1U			
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE						2U			
N-NITROSODIPHENYLAMINE						1U			
N-PROPYLBENZENE									
PHENANTHRENE						1U			
PHENOL						2U			
P-ISOPROPYLTOLUENE									
PYRENE						1U			
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	KPT-14	KPT-14	KPT-15	KPT-15	KPT-15	KPT-16	KPT-16	KPT-2	KPT-2
SAMPLE	KPT-14	KPT-14	KPT-15	KPT-15	KPT-150 DUP	KPT-16	KPT-16 DUP	KPT-2	KPT-2
DATE	8/21/1997	8/21/1997	12/21/1996	8/20/1997	8/20/1997	7/9/2001	7/9/2001	11/16/1994	11/16/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		5U				1U	1U	5U	200U
1,2-DICHLOROBENZENE		1U				1U	1U	1U	200U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE		1U				1U	1U	1U	200U
1,4-DICHLOROBENZENE		1U				1U	1U	1U	200U
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)						1U	1U		200U
2,3,4,5-TETRACHLOROPHENOL	**2.3**		0.25U	0.25U	0.25U				
2,3,4,6-TETRACHLOROPHENOL	**1.7**			0.25U	0.25U				
2,3,4-TRICHLOROPHENOL	0.25U		0.25U	0.25U	0.25U				
2,3,5,6-TETRACHLOROPHENOL			0.25U						
2,3,6-TRICHLOROPHENOL	0.25U		0.25U	0.25U	0.25U				
2,4,5-TRICHLOROPHENOL	0.25U		0.25U	0.25U	0.25U	5U	5U		1000U
2,4,6-TRICHLOROPHENOL	0.25U		0.25U	0.25U	0.25U	5U	5U		1000U
2,4-DICHLOROPHENOL						3U	3U		600U
2,4-DIMETHYLPHENOL						3U	3U		600U
2,4-DINITROPHENOL						10U	10U		2000U
2,4-DINITROTOLUENE						5U	5U		**4000Y**
2,6-DINITROTOLUENE						5U	5U		1000U
2-CHLORONAPHTHALENE						1U	1U		200U
2-CHLOROPHENOL						1U	1U		200U
2-METHYLNAPHTHALENE						1U	1U		**86000**
2-METHYLPHENOL						1U	1U		400U
2-NITROANILINE						5U	5U		1000U
2-NITROPHENOL						5U	5U		1000U
3,3'-DICHLOROBENZIDINE						5U	5U		1000U
3-NITROANILINE						6U	6U		1200U
4,6-DINITRO-2-METHYLPHENOL						10U	10U		2000U
4-BROMOPHENYL-PHENYLETHER						1U	1U		200U
4-CHLORO-3-METHYLPHENOL						2U	2U		400U
4-CHLOROANILINE						3U	3U		600U
4-CHLOROPHENYL-PHENYLETHER						1U	1U		
4-METHYLPHENOL						1U	1U		200U
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE						5U	5U		1000U
4-NITROPHENOL						5U	5U		1000U
ACENAPHTHENE						1U	1U		**960Y**
ACENAPHTHYLENE						1U	1U		
ANILINE									
ANTHRACENE						1U	1U		**3700**
AZOBENZENE									
BENZIDINE									
BENZO(A)ANTHRACENE						1U	1U		**370**
BENZO(A)PYRENE						1U	1U		200U
BENZO(B)FLUORANTHENE						1U	1U		200U
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE						1U	1U		200U
BENZO(K)FLUORANTHENE						1U	1U		200U
BENZOIC ACID						10U	10U		2000U
BENZYL ALCOHOL						5U	5U		1000U
BIS(2-CHLOROETHOXY)METHANE						1U	1U		200U
BIS(2-CHLOROETHYL)ETHER						2U	2U		400U
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE						1U	1U		**680**
BUTYL BENZYL PHTHALATE						1U	1U		200U
CARBAZOLE						1U	1U		200U
CHRYSENE						1U	1U		**710**
DIBENZ(A,H)ANTHRACENE									200U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN						1U	1U		**9100M**
DIETHYL PHTHALATE						1U	1U		200U
DIMETHYL PHTHALATE						1U	1U		200U
DI-N-BUTYL PHTHALATE						1U	1U		200U
DI-N-OCTYL PHTHALATE						1U	1U		200U
FLUORANTHENE						1U	1U		**890M**
FLUORENE						1U	1U		**28000**
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE						1U	1U		200U
HEXACHLOROBUTADIENE		5U				2U	2U	5U	400U
HEXACHLOROCYCLOPENTADIENE						5U	5U		1000U
HEXACHLOROETHANE						2U	2U		400U
INDENO(1,2,3-CD)PYRENE						1U	1U		200U
ISOPHORONE						1U	1U		200U
NITROBENZENE						1U	1U		200U
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE						2U	2U		400U
N-NITROSODIPHENYLAMINE						1U	1U		**7800M**
N-PROPYLBENZENE		1U						**1.2**	
PHENANTHRENE						1U	1U		**53000**
PHENOL						2U	2U		400U
P-ISOPROPYLTOLUENE									
PYRENE						1U	1U		**3300**
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	KPT-2	KPT-3	KPT-3	KPT-3	KPT-4	KPT-4	KPT-4	KPT-4
SAMPLE	KPT-20	KPT-3	KPT-3	KPT-3 REEXTRACTION	KPT-4	KPT-4	KPT-4	KPT-4
DATE	11/6/1996	11/16/1994	11/16/1994	11/16/1994	11/16/1994	11/16/1994	9/12/1996	12/20/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		5U	20U	40U	5U	4000U		
1,2-DICHLOROBENZENE		1U	20U	40U	1U	4000U		
1,2-DIPHENYLHYDRAZINE								
1,3-DICHLOROBENZENE		1U	20U	40U	1U	4000U		
1,4-DICHLOROBENZENE		1U	20U	40U	1U	4000U		
1-METHYLNAPHTHALENE								
2,2'-OXYBIS(1-CHLOROPROPANE)			20U	40U		4000U		
2,3,4,5-TETRACHLOROPHENOL	**0.69**						**0.48**	**1**
2,3,4,6-TETRACHLOROPHENOL								
2,3,4-TRICHLOROPHENOL	0.25U						0.25U	0.25U
2,3,5,6-TETRACHLOROPHENOL	**30**						**7.1**	**5.9**
2,3,6-TRICHLOROPHENOL							**0.31Y**	0.25U
2,4,5-TRICHLOROPHENOL	0.25U		100U	200U		20000U	**0.52Y**	0.25U
2,4,6-TRICHLOROPHENOL	0.25U		100U	200U		20000U	0.25U	0.25U
2,4-DICHLOROPHENOL			60U	120U		12000U		
2,4-DIMETHYLPHENOL			60U	120U		12000U		
2,4-DINITROPHENOL			200U	400U		40000U		
2,4-DINITROTOLUENE			100U	200U		20000U		
2,6-DINITROTOLUENE			100U	200U		20000U		
2-CHLORONAPHTHALENE			20U	40U		4000U		
2-CHLOROPHENOL			20U	40U		4000U		
2-METHYLNAPHTHALENE			**2600**	**7700**		**120000**		
2-METHYLPHENOL			40U	80U		8000U		
2-NITROANILINE			100U	200U		20000U		
2-NITROPHENOL			100U	200U		20000U		
3,3'-DICHLOROBENZIDINE			100U	200U		20000U		
3-NITROANILINE			120U	240U		24000U		
4,6-DINITRO-2-METHYLPHENOL			200U	400U		40000U		
4-BROMOPHENYL-PHENYLETHER			20U	40U		4000U		
4-CHLORO-3-METHYLPHENOL			40U	80U		8000U		
4-CHLOROANILINE			60U	120U		12000U		
4-CHLOROPHENYL-PHENYLETHER								
4-METHYLPHENOL			20U	40U		4000U		
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE			100U	200U		20000U		
4-NITROPHENOL			**250Y**	**500Y**		20000U		
ACENAPHTHENE			**320M**	**320Y**		4000U		
ACENAPHTHYLENE						**14000**		
ANILINE								
ANTHRACENE			**120**	**340**		**4500**		
AZOBENZENE								
BENZIDINE								
BENZO(A)ANTHRACENE			20U	40U		4000U		
BENZO(A)PYRENE			20U	40U		4000U		
BENZO(B)FLUORANTHENE			20U	40U		4000U		
BENZO(B,K)FLUORANTHENE								
BENZO(E)PYRENE								
BENZO(G,H,I)PERYLENE			20U	40U		4000U		
BENZO(K)FLUORANTHENE			20U	40U		4000U		
BENZOIC ACID			200U	400U		40000U		
BENZYL ALCOHOL			100U	200U		20000U		
BIS(2-CHLOROETHOXY)METHANE			20U	40U		4000U		
BIS(2-CHLOROETHYL)ETHER			40U	80U		8000U		
BIS(2-CHLOROISOPROPYL)ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE			**170**	**310**		4000U		
BUTYL BENZYL PHTHALATE			20U	40U		4000U		
CARBAZOLE			20U	40U		4000U		
CHRYSENE			**20**	**67**		4000U		
DIBENZ(A,H)ANTHRACENE			20U	40U		4000U		
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)								
DIBENZOFURAN			**130M**	**400M**		**10000**		
DIETHYL PHTHALATE			20U	40U		4000U		
DIMETHYL PHTHALATE			20U	40U		4000U		
DI-N-BUTYL PHTHALATE			20U	40U		4000U		
DI-N-OCTYL PHTHALATE			**22**	**68**		4000U		
FLUORANTHENE			**37**	**97**		4000U		
FLUORENE			**480**	**1700**		**32000**		
HEXACHLORO-1,3-BUTADIENE								
HEXACHLOROBENZENE			20U	40U		4000U		
HEXACHLOROBUTADIENE		5U	40U	80U	5U	8000U		
HEXACHLOROCYCLOPENTADIENE			100U	200U		20000U		
HEXACHLOROETHANE			40U	80U		8000U		
INDENO(1,2,3-CD)PYRENE			20U	40U		4000U		
ISOPHORONE			20U	40U		4000U		
NITROBENZENE			20U	40U		4000U		
N-NITROSODIMETHYLAMINE								
N-NITROSODI-N-PROPYLAMINE			40U	80U		8000U		
N-NITROSODIPHENYLAMINE			**20M**	**1100M**		4000U		
N-PROPYLBENZENE		1U			1U			
PHENANTHRENE			**1200**	**2500**		**48000**		
PHENOL			40U	80U		8000U		
P-ISOPROPYLTOLUENE								
PYRENE			**170**	**350**		**4900**		
PYRIDINE								

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

STATION	KPT-4
SAMPLE	KPT-4
DATE	8/23/1997
UNITS	UG/L
1,2,4-TRICHLOROBENZENE	
1,2-DICHLOROBENZENE	
1,2-DIPHENYLHYDRAZINE	
1,3-DICHLOROBENZENE	
1,4-DICHLOROBENZENE	
1-METHYLNAPHTHALENE	
2,2'-OXYBIS(1-CHLOROPROPANE)	
2,3,4,5-TETRACHLOROPHENOL	**0.82**
2,3,4,6-TETRACHLOROPHENOL	**22Y**
2,3,4-TRICHLOROPHENOL	0.25U
2,3,5,6-TETRACHLOROPHENOL	
2,3,6-TRICHLOROPHENOL	0.25U
2,4,5-TRICHLOROPHENOL	0.25U
2,4,6-TRICHLOROPHENOL	0.25U
2,4-DICHLOROPHENOL	
2,4-DIMETHYLPHENOL	
2,4-DINITROPHENOL	
2,4-DINITROTOLUENE	
2,6-DINITROTOLUENE	
2-CHLORONAPHTHALENE	
2-CHLOROPHENOL	
2-METHYLNAPHTHALENE	
2-METHYLPHENOL	
2-NITROANILINE	
2-NITROPHENOL	
3,3'-DICHLOROBENZIDINE	
3-NITROANILINE	
4,6-DINITRO-2-METHYLPHENOL	
4-BROMOPHENYL-PHENYLETHER	
4-CHLORO-3-METHYLPHENOL	
4-CHLOROANILINE	
4-CHLOROPHENYL-PHENYLETHER	
4-METHYLPHENOL	
4-METHYLPHENOL/3-METHYLPHENOL	
4-NITROANILINE	
4-NITROPHENOL	
ACENAPHTHENE	
ACENAPHTHYLENE	
ANILINE	
ANTHRACENE	
AZOBENZENE	
BENZIDINE	
BENZO(A)ANTHRACENE	
BENZO(A)PYRENE	
BENZO(B)FLUORANTHENE	
BENZO(B,K)FLUORANTHENE	
BENZO(E)PYRENE	
BENZO(G,H,I)PERYLENE	
BENZO(K)FLUORANTHENE	
BENZOIC ACID	
BENZYL ALCOHOL	
BIS(2-CHLOROETHOXY)METHANE	
BIS(2-CHLOROETHYL)ETHER	
BIS(2-CHLOROISOPROPYL)ETHER	
BIS(2-ETHYLHEXYL)PHTHALATE	
BUTYL BENZYL PHTHALATE	
CARBAZOLE	
CHRYSENE	
DIBENZ(A,H)ANTHRACENE	
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)	
DIBENZOFURAN	
DIETHYL PHTHALATE	
DIMETHYL PHTHALATE	
DI-N-BUTYL PHTHALATE	
DI-N-OCTYL PHTHALATE	
FLUORANTHENE	
FLUORENE	
HEXACHLORO-1,3-BUTADIENE	
HEXACHLOROBENZENE	
HEXACHLOROBUTADIENE	
HEXACHLOROCYCLOPENTADIENE	
HEXACHLOROETHANE	
INDENO(1,2,3-CD)PYRENE	
ISOPHORONE	
NITROBENZENE	
N-NITROSODIMETHYLAMINE	
N-NITROSODI-N-PROPYLAMINE	
N-NITROSODIPHENYLAMINE	
N-PROPYLBENZENE	
PHENANTHRENE	
PHENOL	
P-ISOPROPYLTOLUENE	
PYRENE	
PYRIDINE	

Appendix D - Groundwater Data
Semi-Volatile Organic Compound1

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L	Micrograms per liter
NP	Samples collected using a no-purge method
B	Compound detected in method blank
D	Sample dilution
J	Estimated concentration
M	Low or poor spectral match; value should be considered estimated
U	Analyte analyzed for but not detected; reported with detection limit value
Y	Indicates a raised detection limit due to matrix interference

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	KPT-5	KPT-5	KPT-5	KPT-5	KPT-5	KPT-5	KPT-5	KPT-6	KPT-6	KPT-6
SAMPLE	KPT-20	KPT-5	KPT-5	KPT-5	KPT-5	KPT-5	KPT-5	KPT-6	KPT-6	KPT-6
DATE	7/9/2001	11/16/1994	11/16/1994	9/12/1996	12/17/1996	8/22/1997	7/9/2001	11/16/1994	11/16/1994	4/2/2003
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	1U	5U	1U				1U	5U	100U	
1,2-DICHLOROBENZENE	1U	1U	1U				1U	1U	100U	
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE	1U	1U	1U				1U	1U	100U	
1,4-DICHLOROBENZENE	1U	1U	1U				1U	1U	100U	
1-METHYLNAPHTHALENE										**12**
2,2'-OXYBIS(1-CHLOROPROPANE)	1U		1U				1U		100U	
2,3,4,5-TETRACHLOROPHENOL				**0.37**	0.28U	**0.27**				
2,3,4,6-TETRACHLOROPHENOL						**1.7**				
2,3,4-TRICHLOROPHENOL				0.25U	0.28U	0.25U				
2,3,5,6-TETRACHLOROPHENOL				**2.4**	0.28U					
2,3,6-TRICHLOROPHENOL				0.25U	0.28U					
2,4,5-TRICHLOROPHENOL	5U		5U	0.25U	0.28U	0.25U	5U		500U	
2,4,6-TRICHLOROPHENOL	5U		5U	0.25U	0.28U	0.25U	5U		500U	
2,4-DICHLOROPHENOL	3U		3U				3U		300U	
2,4-DIMETHYLPHENOL	3U		3U				3U		300U	
2,4-DINITROPHENOL	10U		10U				10U		1000U	
2,4-DINITROTOLUENE	5U		5U				5U		500U	
2,6-DINITROTOLUENE	5U		5U				5U		500U	
2-CHLORONAPHTHALENE	1U		1U				1U		100U	**1.5**
2-CHLOROPHENOL	1U		1U				1U		100U	
2-METHYLNAPHTHALENE	1U		1U				1U		**28000**	**4.6**
2-METHYLPHENOL	1U		2U				1U		200U	
2-NITROANILINE	5U		5U				5U		500U	
2-NITROPHENOL	5U		5U				5U		500U	
3,3'-DICHLOROBENZIDINE	5U		5U				5U		500U	
3-NITROANILINE	6U		6U				6U		600U	
4,6-DINITRO-2-METHYLPHENOL	10U		10U				10U		1000U	
4-BROMOPHENYL-PHENYLETHER	1U		1U				1U		100U	
4-CHLORO-3-METHYLPHENOL	2U		2U				2U		200U	
4-CHLOROANILINE	3U		3U				3U		300U	
4-CHLOROPHENOL										
4-CHLOROPHENYL-PHENYLETHER							1U			
4-METHYLPHENOL	1U		1U				1U		100U	
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE	5U		5U				5U		500U	
4-NITROPHENOL	5U		5U				5U		500U	
ACENAPHTHENE	1U		1U				1U		**4200**	**5**
ACENAPHTHYLENE			1U				1U		**1400Y**	
ANILINE										
ANILINE/BENZANAMINE										
ANTHRACENE	1U		1U				1U		**1400**	**1.3**
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE										
BENZIDINE										
BENZO(A)ANTHRACENE	1U		1U				1U		100U	**0.25**
BENZO(A)PYRENE	1U		1U				1U		100U	0.041U
BENZO(B)FLUORANTHENE	1U		1U				1U		100U	**0.19**
BENZO(E)PYRENE										**0.085**
BENZO(G,H,I)PERYLENE	1U		1U				1U		100U	0.041U
BENZO(K)FLUORANTHENE	1U		1U				1U		100U	**0.043**
BENZOIC ACID	10U		10U				10U		1000U	
BENZYL ALCOHOL	5U		5U				5U		500U	
BIS(2-CHLOROETHOXY)METHANE	1U		1U				1U		100U	
BIS(2-CHLOROETHYL)ETHER	2U		2U				2U		200U	
BIS(2-CHLOROISOPROPYL)ETHER										
BIS(2-ETHYLHEXYL)ADIPATE										
BIS(2-ETHYLHEXYL)PHTHALATE	1U		1U				1U		**140**	
BUTYL BENZYL PHTHALATE	1U		1U				1U		100U	
CARBAZOLE	1U		1U				1U		100U	**0.87**
CHRYSENE	1U		1U				1U		**160**	**0.27**
DIBENZ(A,H)ANTHRACENE	1U		1U				1U		100U	0.041U
DIBENZOFURAN	1U		1U				1U		**2900M**	**4.1**
DIETHYL PHTHALATE	1U		1U				1U		100U	
DIMETHYL PHTHALATE	1U		1U				1U		100U	
DI-N-BUTYL PHTHALATE	1U		1U				1U		100U	
DI-N-OCTYL PHTHALATE	1U		1U				1U		**130**	
FLUORANTHENE	1U		1U				1U		**310**	**0.81**
FLUORENE	1U		1U				1U		**8000**	**6.4**
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE	1U		1U				1U		100U	
HEXACHLOROBUTADIENE	2U	5U	2U				2U	5U	200U	
HEXACHLOROCYCLOPENTADIENE	5U		5U				5U		500U	
HEXACHLOROETHANE	2U		2U				2U		200U	
INDENO(1,2,3-CD)PYRENE	1U		1U				1U		100U	0.041U
ISOPHORONE	1U		1U				1U		100U	
NITROBENZENE	1U		1U				1U		100U	
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE	2U		2U				2U		200U	
N-NITROSODIPHENYLAMINE	1U		1U				1U		**3900M**	
N-PROPYLBENZENE		1U						1U		
PERYLENE-D12										
PHENANTHRENE	1U		1U				1U		**17000**	**15**
PHENOL	2U		2U				2U		200U	
P-ISOPROPYLTOLUENE										
PYRENE	1U		1U				1U		**1000**	**2.4**
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	KPT-6	KPT-6	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
SAMPLE	KPT-10 DUP	KPT-10 DUP	KPT-20	KPT-20	KPT-20	KPT-20	KPT-20	KPT-20	KPT-20	KPT-20
DATE	11/16/1994	11/16/1994	8/6/2002	8/6/2002	4/2/2003	10/1/2003	10/1/2003	4/7/2004	4/7/2004	10/19/2004
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	5U	200U	10U			10U		10U		10.2U
1,2-DICHLOROBENZENE	1U	200U	10U			10U		10U		10.2U
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE	1U	200U	10U			10U		10U		10.2U
1,4-DICHLOROBENZENE	1U	200U	10U			10U		10U		10.2U
1-METHYLNAPHTHALENE				**2.5**	**0.36**		0.042U		**0.51B**	
2,2'-OXYBIS(1-CHLOROPROPANE)		200U								
2,3,4,5-TETRACHLOROPHENOL										
2,3,4,6-TETRACHLOROPHENOL										
2,3,4-TRICHLOROPHENOL										
2,3,5,6-TETRACHLOROPHENOL										
2,3,6-TRICHLOROPHENOL										
2,4,5-TRICHLOROPHENOL		1000U	51U			51U		52U		51U
2,4,6-TRICHLOROPHENOL		1000U	10U			10U		10U		10.2U
2,4-DICHLOROPHENOL		600U	10U			10U		10U		10.2U
2,4-DIMETHYLPHENOL		600U	10U			10U		10U		10.2UJ
2,4-DINITROPHENOL		2000U	51U			51U		52U		51U
2,4-DINITROTOLUENE		**3000Y**	10U			10U		10U		10.2U
2,6-DINITROTOLUENE		1000U	10U			10U		10U		10.2U
2-CHLORONAPHTHALENE		200U	10U	0.041U	**0.29**	10U	**0.12**	10U	**0.27**	10.2U
2-CHLOROPHENOL		200U	10U			10U		10U		10.2U
2-METHYLNAPHTHALENE		**60000**		**0.11**	**0.18**	10U	0.042U	10U	**0.058B**	10.2U
2-METHYLPHENOL		400U	10U			10U		10U		10.2U
2-NITROANILINE		1000U	51U			51U		52U		51U
2-NITROPHENOL		1000U	10U			10U		10U		10.2U
3,3'-DICHLOROBENZIDINE		1000U	20U			20U		21U		
3-NITROANILINE		1200U	51U			51U		52U		51U
4,6-DINITRO-2-METHYLPHENOL		2000U	51U			51U		52U		51U
4-BROMOPHENYL-PHENYLETHER		200U	10U			10U		10U		10.2U
4-CHLORO-3-METHYLPHENOL		400U	10U			10U		10U		10.2U
4-CHLOROANILINE		600U	51U			51U		52U		51U
4-CHLOROPHENOL										
4-CHLOROPHENYL-PHENYLETHER										
4-METHYLPHENOL		200U	10U			10U		10U		
4-METHYLPHENOL/3-METHYLPHENOL										20.4U
4-NITROANILINE		**4400Y**	51U			51U		52U		51U
4-NITROPHENOL		1000U	51U			51U		52U		51U
ACENAPHTHENE		**9800**		**1.1**	**0.35**	10U	0.042U	10U	**0.56**	10.2U
ACENAPHTHYLENE		**790Y**								10.2U
ANILINE										
ANILINE/BENZANAMINE										
ANTHRACENE		**3200**		0.041U	**0.57**	10U	0.042U	10U	0.041U	10.2U
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE										
BENZIDINE										
BENZO(A)ANTHRACENE		200U		**0.058**	**0.24**	10U	0.042U	10U	**0.2**	10.2U
BENZO(A)PYRENE		200U		0.041U	0.043U	10U	0.042U	10U	0.041U	10.2U
BENZO(B)FLUORANTHENE		200U		0.041U	**0.19**	10U	0.042U	10U	**0.052**	10.2U
BENZO(E)PYRENE				0.041U	**0.11**		0.042U		**0.08**	
BENZO(G,H,I)PERYLENE		200U		0.041U	0.043U	10U	0.042U	10U	0.041U	10.2U
BENZO(K)FLUORANTHENE		200U		0.041U	0.043U	10U	0.042U	10U	0.041U	10.2U
BENZOIC ACID		2000U	51U			51U		52U		51U
BENZYL ALCOHOL		1000U	10U			10U		10U		10.2U
BIS(2-CHLOROETHOXY)METHANE		200U	10U			10U		10U		10.2U
BIS(2-CHLOROETHYL)ETHER		400U	10U			10U		10U		10.2U
BIS(2-CHLOROISOPROPYL)ETHER			10U			10U		10U		10.2U
BIS(2-ETHYLHEXYL)ADIPATE										
BIS(2-ETHYLHEXYL)PHTHALATE		**300**	10U			10U		10U		10.2U
BUTYL BENZYL PHTHALATE		200U	10U			10U		10U		10.2U
CARBAZOLE		200U		0.041U	**0.24**		0.042U		0.041U	
CHRYSENE		**360**		**0.17**	**0.25**	10U	0.042U	10U	**0.47**	10.2U
DIBENZ(A,H)ANTHRACENE		200U		0.041U	0.043U	10U	0.042U	10U	0.041U	10.2U
DIBENZOFURAN		**9800**	10U	**1.6**	**0.34**	10U	0.042U	10U	**0.27B**	10.2U
DIETHYL PHTHALATE		200U	10U			10U		10U		10.2U
DIMETHYL PHTHALATE		200U	10U			10U		10U		10.2U
DI-N-BUTYL PHTHALATE		200U	10U			10U		10U		10.2U
DI-N-OCTYL PHTHALATE		200U	10U			10U		10U		10.2U
FLUORANTHENE		**690M**		**0.39**	**1.2**	10U	**0.043**	10U	**0.8**	10.2U
FLUORENE		**19000**		**1.4**	**0.74**	10U	0.042U	10U	**0.77B**	10.2U
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE			10U			10U		10U		10.2U
HEXACHLOROBENZENE		200U	10U			10U		10U		10.2U
HEXACHLOROBUTADIENE	5U	400U								
HEXACHLOROCYCLOPENTADIENE		1000U	51U			51U		52U		
HEXACHLOROETHANE		400U	10U			10U		10U		10.2U
INDENO(1,2,3-CD)PYRENE		200U		0.041U	0.043U	10U	0.042U	10U	0.041U	10.2U
ISOPHORONE		200U	10U			10U		10U		10.2U
NITROBENZENE		200U	10U			10U		10U		10.2U
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE		400U	10U			10U		10U		10.2U
N-NITROSODIPHENYLAMINE		200U	10U			10U		10U		10.2U
N-PROPYLBENZENE	1U									
PERYLENE-D12										
PHENANTHRENE		**39000**		0.041U	**0.78**	10U	0.042U	10U	0.041U	10.2U
PHENOL		400U	10U			10U		10U		10.2U
P-ISOPROPYLTOLUENE										
PYRENE		**2100**		**1.6**	**2.3**	10U	**0.23**	10U	**2.9**	10.2U
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
SAMPLE	KPT-20	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
DATE	10/19/2004	11/16/1994	11/16/1994	9/12/1996	11/6/1996	12/18/1996	1/17/1997	2/20/1997	3/18/1997	8/20/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE		5U	1U							
1,2-DICHLOROBENZENE		1U	1U							
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE		1U	1U							
1,4-DICHLOROBENZENE		1U	1U							
1-METHYLNAPHTHALENE	**4.3**									
2,2'-OXYBIS(1-CHLOROPROPANE)			1U							
2,3,4,5-TETRACHLOROPHENOL				**1.6**	**0.66**	120U	**0.46**	**0.67**		**0.69**
2,3,4,6-TETRACHLOROPHENOL									**2.5**	**12E**
2,3,4-TRICHLOROPHENOL				0.25U	0.25U	120U	0.25U	0.25U	0.25U	0.25U
2,3,5,6-TETRACHLOROPHENOL				**9.4**	**26**	120U	**4.8**	**5.2**		
2,3,6-TRICHLOROPHENOL				0.25U	0.25U	120U	0.25U	0.25U		0.25U
2,4,5-TRICHLOROPHENOL			5U	0.25U	0.25U	120U	0.25U	0.25U	0.25U	**0.31Y**
2,4,6-TRICHLOROPHENOL			5U	0.25U	**0.14J**	120U	0.25U	0.25U	0.25U	0.25U
2,4-DICHLOROPHENOL			3U							
2,4-DIMETHYLPHENOL			3U							
2,4-DINITROPHENOL			10U							
2,4-DINITROTOLUENE			5U							
2,6-DINITROTOLUENE			5U							
2-CHLORONAPHTHALENE	0.041U		1U							
2-CHLOROPHENOL			1U							
2-METHYLNAPHTHALENE	0.041U		**2.3**							
2-METHYLPHENOL			2U							
2-NITROANILINE			5U							
2-NITROPHENOL			5U							
3,3'-DICHLOROBENZIDINE			5U							
3-NITROANILINE			6U							
4,6-DINITRO-2-METHYLPHENOL			10U							
4-BROMOPHENYL-PHENYLETHER			1U							
4-CHLORO-3-METHYLPHENOL			2U							
4-CHLOROANILINE			3U							
4-CHLOROPHENOL										
4-CHLOROPHENYL-PHENYLETHER										
4-METHYLPHENOL			1U							
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE			5U							
4-NITROPHENOL			5U							
ACENAPHTHENE	**1.6**		1U							
ACENAPHTHYLENE	0.041U		**7.5**							
ANILINE										
ANILINE/BENZANAMINE										
ANTHRACENE	0.041U		**1.2**							
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE										
BENZIDINE										
BENZO(A)ANTHRACENE	0.041U		1U							
BENZO(A)PYRENE	0.041U		1U							
BENZO(B)FLUORANTHENE	0.041U		1U							
BENZO(E)PYRENE	0.041U									
BENZO(G,H,I)PERYLENE	0.041U		1U							
BENZO(K)FLUORANTHENE	0.041U		1U							
BENZOIC ACID			10U							
BENZYL ALCOHOL			5U							
BIS(2-CHLOROETHOXY)METHANE			1U							
BIS(2-CHLOROETHYL)ETHER			2U							
BIS(2-CHLOROISOPROPYL)ETHER										
BIS(2-ETHYLHEXYL)ADIPATE										
BIS(2-ETHYLHEXYL)PHTHALATE			1U							
BUTYL BENZYL PHTHALATE			1U							
CARBAZOLE			1U							
CHRYSENE	0.041U		1U							
DIBENZ(A,H)ANTHRACENE	0.041U		1U							
DIBENZOFURAN	**1.7**		**6.3**							
DIETHYL PHTHALATE			1U							
DIMETHYL PHTHALATE			1U							
DI-N-BUTYL PHTHALATE			1U							
DI-N-OCTYL PHTHALATE			1U							
FLUORANTHENE	**0.11**		1U							
FLUORENE	**3.8**		**13**							
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE			1U							
HEXACHLOROBUTADIENE		5U	2U							
HEXACHLOROCYCLOPENTADIENE			5U							
HEXACHLOROETHANE			2U							
INDENO(1,2,3-CD)PYRENE	0.041U		1U							
ISOPHORONE			1U							
NITROBENZENE			1U							
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE			2U							
N-NITROSODIPHENYLAMINE			1U							
N-PROPYLBENZENE		1U								
PERYLENE-D12										
PHENANTHRENE	**1.5**		**10**							
PHENOL			2U							
P-ISOPROPYLTOLUENE										
PYRENE	**0.43J**		1U							
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-8
SAMPLE	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-8
DATE	8/6/2002	8/6/2002	4/2/2003	10/1/2003	10/1/2003	4/7/2004	4/7/2004	10/19/2004	10/19/2004	7/9/2001	11/16/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	10U			10U		10U		10.3U		1U	5U
1,2-DICHLOROBENZENE	10U			10U		10U		10.3U		1U	1U
1,2-DIPHENYLHYDRAZINE											
1,3-DICHLOROBENZENE	10U			10U		10U		10.3U		1U	1U
1,4-DICHLOROBENZENE	10U			10U		10U		10.3U		1U	1U
1-METHYLNAPHTHALENE		**2.5**	**0.38**		0.04U		**0.37B**		**4.1**		
2,2'-OXYBIS(1-CHLOROPROPANE)										1U	
2,3,4,5-TETRACHLOROPHENOL											
2,3,4,6-TETRACHLOROPHENOL											
2,3,4-TRICHLOROPHENOL											
2,3,5,6-TETRACHLOROPHENOL											
2,3,6-TRICHLOROPHENOL											
2,4,5-TRICHLOROPHENOL	52U			51U		52U		51.5UJ		5U	
2,4,6-TRICHLOROPHENOL	10U			10U		10U		10.3UJ		5U	
2,4-DICHLOROPHENOL	10U			10U		10U		10.3UJ		1U	
2,4-DIMETHYLPHENOL	10U			10U		10U		10.3UJ		3U	
2,4-DINITROPHENOL	52U			51U		52U		51.5UJ		10U	
2,4-DINITROTOLUENE	10U			10U		10U		10.3U		5U	
2,6-DINITROTOLUENE	10U			10U		10U		10.3U		5U	
2-CHLORONAPHTHALENE	10U	0.041U	**0.34**	10U	**0.13**	10U	**0.23**	10.3U	0.041U	1U	
2-CHLOROPHENOL	10U			10U		10U		10.3UJ		1U	
2-METHYLNAPHTHALENE		**0.14**	**0.14**	10U	0.04U	10U	**0.056B**	10.3U	0.041U	1U	
2-METHYLPHENOL	10U			10U		10U		10.3UJ		1U	
2-NITROANILINE	52U			51U		52U		51.5U		5U	
2-NITROPHENOL	10U			10U		10U		10.3UJ		5U	
3,3'-DICHLOROBENZIDINE	21U			20U		21U				5U	
3-NITROANILINE	52U			51U		52U		51.5U		6U	
4,6-DINITRO-2-METHYLPHENOL	52U			51U		52U		51.5UJ		10U	
4-BROMOPHENYL-PHENYLETHER	10U			10U		10U		10.3U		1U	
4-CHLORO-3-METHYLPHENOL	10U			10U		10U		10.3UJ		2U	
4-CHLOROANILINE	52U			51U		52U		51.5U		3U	
4-CHLOROPHENOL											
4-CHLOROPHENYL-PHENYLETHER	10U									1U	
4-METHYLPHENOL	10U			10U		10U				1U	
4-METHYLPHENOL/3-METHYLPHENOL								20.6UJ			
4-NITROANILINE	52U			51U		52U		51.5U		5U	
4-NITROPHENOL	52U			51U		52U		51.5UJ		5U	
ACENAPHTHENE		**1.4**	**1.4**	10U	0.04U	10U	**0.47**	10.3U	**1.5**	**2.1**	
ACENAPHTHYLENE			**0.17**				**0.11B**	10.3U	0.041U	1U	
ANILINE											
ANILINE/BENZANAMINE											
ANTHRACENE		0.041U	0.041U	10U	0.04U	10U	0.04U	10.3U	0.041U	1U	
AZOBENZENE											
AZOBENZINE/DIPHENYL DIAZINE											
BENZIDINE											
BENZO(A)ANTHRACENE		**0.076**	**0.25**	10U	0.04U	10U	**0.13**	10.3U	0.041U	1U	
BENZO(A)PYRENE		0.041U	0.041U	10U	0.04U	10U	0.04U	10.3U	0.041U	1U	
BENZO(B)FLUORANTHENE		0.041U	**0.18**	10U	0.04U	10U	**0.042**	10.3U	0.041U	1U	
BENZO(E)PYRENE		0.041U	**0.097**		0.04U		**0.066**		0.041U		
BENZO(G,H,I)PERYLENE		0.041U	0.041U	10U	0.04U	10U	0.04U	10.3U	0.041U	1U	
BENZO(K)FLUORANTHENE		0.041U	0.041U	10U	0.04U	10U	0.04U	10.3U	0.041U	1U	
BENZOIC ACID	52U			51U		52U		51.5UJ		10U	
BENZYL ALCOHOL	10U			10U		10U		10.3UJ		5U	
BIS(2-CHLOROETHOXY)METHANE	10U			10U		10U		10.3U		1U	
BIS(2-CHLOROETHYL)ETHER	10U			10U		10U		10.3U		2U	
BIS(2-CHLOROISOPROPYL)ETHER	10U			10U		10U		10.3U			
BIS(2-ETHYLHEXYL)ADIPATE											
BIS(2-ETHYLHEXYL)PHTHALATE	10U			10U		10U		10.3U		1U	
BUTYL BENZYL PHTHALATE	10U			10U		10U		10.3U		1U	
CARBAZOLE		0.041U	**0.15**		0.04U		0.04U			1U	
CHRYSENE		**0.22**	**0.27**	10U	**0.044**	10U	**0.4**	10.3U	0.041U	1U	
DIBENZ(A,H)ANTHRACENE		0.041U	0.041U	10U	0.04U	10U	0.04U	10.3U	0.041U		
DIBENZOFURAN	10U	**1.7**	**0.4**	10U	0.04U	10U	**0.21B**	10.3U	**1.6**	**2.4**	
DIETHYL PHTHALATE	10U			10U		10U		10.3U		1U	
DIMETHYL PHTHALATE	10U			10U		10U		10.3U		1U	
DI-N-BUTYL PHTHALATE	10U			10U		10U		10.3U		1U	
DI-N-OCTYL PHTHALATE	10U			10U		10U		10.3U		1U	
FLUORANTHENE		**0.55**	**0.65**	10U	**0.074**	10U	**0.67**	10.3U	**0.08**	**3.6**	
FLUORENE		**1.5**	**0.83**	10U	**0.042**	10U	**0.62B**	10.3U	**3.4**	1U	
FLUOROBENZENE											
HEXACHLORO-1,3-BUTADIENE	10U			10U		10U		10.3U			
HEXACHLOROBENZENE	10U			10U		10U		10.3U		1U	
HEXACHLOROBUTADIENE										2U	5U
HEXACHLOROCYCLOPENTADIENE	52U			51U		52U				5U	
HEXACHLOROETHANE	10U			10U		10U		10.3U		2U	
INDENO(1,2,3-CD)PYRENE		0.041U	0.041U	10U	0.04U	10U	0.04U	10.3U	0.041U	1U	
ISOPHORONE	10U			10U		10U		10.3U		1U	
NITROBENZENE	10U			10U		10U		10.3U		1U	
N-NITROSODIMETHYLAMINE											
N-NITROSODI-N-PROPYLAMINE	10U			10U		10U		10.3U		2U	
N-NITROSODIPHENYLAMINE	10U			10U		10U		10.3U		1U	
N-PROPYLBENZENE											1U
PERYLENE-D12											
PHENANTHRENE		0.041U	**1**	10U	0.04U	10U	0.04U	10.3U	**1.7**	**2**	
PHENOL	10U			10U		10U		10.3UJ		2U	
P-ISOPROPYLTOLUENE											
PYRENE		**2.1**	**2.8**	10U	**0.37**	10U	**2.6**	10.3U	**0.31J**	1U	
PYRIDINE											

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	KPT-8	KPT-8	KPT-8	KPT-8	KPT-9	KPT-9	KPT-9	KPT-9	KPT-9	KPT-9
SAMPLE	KPT-8	KPT-8	KPT-8	KPT-8	KPT-9	KPT-9	KPT-90 DUP	KPT-9	KPT-9	KPT-9
DATE	11/16/1994	9/15/1996	12/20/1996	8/23/1997	9/18/1996	11/6/1996	12/18/1996	12/18/1996	1/14/1997	2/20/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	1U									
1,2-DICHLOROBENZENE	1U									
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE	1U									
1,4-DICHLOROBENZENE	1U									
1-METHYLNAPHTHALENE										
2,2'-OXYBIS(1-CHLOROPROPANE)	1U									
2,3,4,5-TETRACHLOROPHENOL		0.25U	0.25U	**0.15J**	**0.9**	**1.4**	**1.6**	**1.6**	**1.5**	**1.3**
2,3,4,6-TETRACHLOROPHENOL				**0.53**						
2,3,4-TRICHLOROPHENOL		0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	**0.13J**	0.25U
2,3,5,6-TETRACHLOROPHENOL		**1**	**0.6**		**3.1**	**3.9**	**2.5**	**2.9**	**2.3**	**2.4**
2,3,6-TRICHLOROPHENOL		0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
2,4,5-TRICHLOROPHENOL	5U	0.25U	0.25U	0.25U	**0.29Y**	**0.41Y**	**0.39Y**	**0.48Y**	**0.25Y**	**0.24J**
2,4,6-TRICHLOROPHENOL	5U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U	0.25U
2,4-DICHLOROPHENOL	3U									
2,4-DIMETHYLPHENOL	3U									
2,4-DINITROPHENOL	10U									
2,4-DINITROTOLUENE	5U									
2,6-DINITROTOLUENE	5U									
2-CHLORONAPHTHALENE	1U									
2-CHLOROPHENOL	1U									
2-METHYLNAPHTHALENE	1U									
2-METHYLPHENOL	2U									
2-NITROANILINE	5U									
2-NITROPHENOL	5U									
3,3'-DICHLOROBENZIDINE	5U									
3-NITROANILINE	6U									
4,6-DINITRO-2-METHYLPHENOL	10U									
4-BROMOPHENYL-PHENYLETHER	1U									
4-CHLORO-3-METHYLPHENOL	2U									
4-CHLOROANILINE	3U									
4-CHLOROPHENOL										
4-CHLOROPHENYL-PHENYLETHER										
4-METHYLPHENOL	1U									
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE	5U									
4-NITROPHENOL	5U									
ACENAPHTHENE	1U									
ACENAPHTHYLENE	1U									
ANILINE										
ANILINE/BENZANAMINE										
ANTHRACENE	1U									
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE										
BENZIDINE										
BENZO(A)ANTHRACENE	1U									
BENZO(A)PYRENE	1U									
BENZO(B)FLUORANTHENE	1U									
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE	1U									
BENZO(K)FLUORANTHENE	1U									
BENZOIC ACID	10U									
BENZYL ALCOHOL	5U									
BIS(2-CHLOROETHOXY)METHANE	1U									
BIS(2-CHLOROETHYL)ETHER	2U									
BIS(2-CHLOROISOPROPYL)ETHER										
BIS(2-ETHYLHEXYL)ADIPATE										
BIS(2-ETHYLHEXYL)PHTHALATE	1U									
BUTYL BENZYL PHTHALATE	1U									
CARBAZOLE	1U									
CHRYSENE	1U									
DIBENZ(A,H)ANTHRACENE	1U									
DIBENZOFURAN	1U									
DIETHYL PHTHALATE	1U									
DIMETHYL PHTHALATE	1U									
DI-N-BUTYL PHTHALATE	1U									
DI-N-OCTYL PHTHALATE	1U									
FLUORANTHENE	1U									
FLUORENE	1U									
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE	1U									
HEXACHLOROBUTADIENE	2U									
HEXACHLOROCYCLOPENTADIENE	5U									
HEXACHLOROETHANE	2U									
INDENO(1,2,3-CD)PYRENE	1U									
ISOPHORONE	1U									
NITROBENZENE	1U									
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE	2U									
N-NITROSODIPHENYLAMINE	1U									
N-PROPYLBENZENE										
PERYLENE-D12										
PHENANTHRENE	1U									
PHENOL	2U									
P-ISOPROPYLTOLUENE										
PYRENE	1U									
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	KPT-9	KPT-9	KPT-9	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1
SAMPLE	KPT-9	KPT-9	KPT-9	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1	OSW-1
DATE	8/21/1997	4/2/2003	7/9/2001	9/12/1996	11/6/1996	12/18/1996	1/17/1997	2/20/1997	3/18/1997	8/20/1997	1/17/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE			1000U								
1,2-DICHLOROBENZENE			1000U								
1,2-DIPHENYLHYDRAZINE											
1,3-DICHLOROBENZENE			1U								
1,4-DICHLOROBENZENE			1000U								
1-METHYLNAPHTHALENE		0.042U									
2,2'-OXYBIS(1-CHLOROPROPANE)			1000U								
2,3,4,5-TETRACHLOROPHENOL	**1.4**			**1.8**	**1.7**	12000U	**1.8**	**1.8**	**1.4**	**0.83Y**	
2,3,4,6-TETRACHLOROPHENOL	**3.6**								**130**	**170**	
2,3,4-TRICHLOROPHENOL	0.25U			**0.3Y**	0.25U	12000U	0.25U	0.25U	0.25U	0.25U	0.25U
2,3,5,6-TETRACHLOROPHENOL				120U	**120**	12000U	**270**	**260**			
2,3,6-TRICHLOROPHENOL	0.25U			0.25U	0.25U	12000U	0.25U	0.25U	0.25U	0.25U	
2,4,5-TRICHLOROPHENOL	0.25U		5000U	**0.28Y**	0.25U	12000U	0.25U	**0.25Y**	0.25U	**0.34Y**	0.25U
2,4,6-TRICHLOROPHENOL	0.25U		5000U	**0.42**	**0.48**	12000U	**0.99**	**0.86**	**0.41**	**0.45Y**	**0.99**
2,4-DICHLOROPHENOL			3000U								
2,4-DIMETHYLPHENOL			3000U								
2,4-DINITROPHENOL			10000U								
2,4-DINITROTOLUENE			5000U								
2,6-DINITROTOLUENE			5000U								
2-CHLORONAPHTHALENE		**0.055**	1000U								
2-CHLOROPHENOL			1000U								
2-METHYLNAPHTHALENE		**0.045**	1000U								
2-METHYLPHENOL			1000U								
2-NITROANILINE			5000U								
2-NITROPHENOL			5000U								
3,3'-DICHLOROBENZIDINE			5000U								
3-NITROANILINE			6000U								
4,6-DINITRO-2-METHYLPHENOL			10000U								
4-BROMOPHENYL-PHENYLETHER			1000U								
4-CHLORO-3-METHYLPHENOL			2000U								
4-CHLOROANILINE			3000U								
4-CHLOROPHENOL											
4-CHLOROPHENYL-PHENYLETHER			1000U								
4-METHYLPHENOL			1000U								
4-METHYLPHENOL/3-METHYLPHENOL											
4-NITROANILINE			5000U								
4-NITROPHENOL			5000U								
ACENAPHTHENE		0.042U	1000U								
ACENAPHTHYLENE			1000U								
ANILINE											
ANILINE/BENZANAMINE											
ANTHRACENE		0.042U	1000U								
AZOBENZENE											
AZOBENZINE/DIPHENYL DIAZINE											
BENZIDINE											
BENZO(A)ANTHRACENE		0.042U	1000U								
BENZO(A)PYRENE		0.042U	1000U								
BENZO(B)FLUORANTHENE		0.042U	1000U								
BENZO(E)PYRENE		0.042U									
BENZO(G,H,I)PERYLENE		0.042U	1000U								
BENZO(K)FLUORANTHENE		0.042U	1000U								
BENZOIC ACID			10000U								
BENZYL ALCOHOL			5000U								
BIS(2-CHLOROETHOXY)METHANE			1000U								
BIS(2-CHLOROETHYL)ETHER			2000U								
BIS(2-CHLOROISOPROPYL)ETHER											
BIS(2-ETHYLHEXYL)ADIPATE											
BIS(2-ETHYLHEXYL)PHTHALATE			1000U								
BUTYL BENZYL PHTHALATE			1000U								
CARBAZOLE		0.042U	1000U								
CHRYSENE		0.042U	1000U								
DIBENZ(A,H)ANTHRACENE		0.042U									
DIBENZOFURAN		0.042U	1000U								
DIETHYL PHTHALATE			1000U								
DIMETHYL PHTHALATE			1000U								
DI-N-BUTYL PHTHALATE			1000U								
DI-N-OCTYL PHTHALATE			1000U								
FLUORANTHENE		0.042U	1000U								
FLUORENE		0.042U	1000U								
FLUOROBENZENE											
HEXACHLORO-1,3-BUTADIENE											
HEXACHLOROBENZENE			1000U								
HEXACHLOROBUTADIENE			2000U								
HEXACHLOROCYCLOPENTADIENE			5000U								
HEXACHLOROETHANE			2000U								
INDENO(1,2,3-CD)PYRENE		0.042U	1000U								
ISOPHORONE			1000U								
NITROBENZENE			1000U								
N-NITROSODIMETHYLAMINE											
N-NITROSODI-N-PROPYLAMINE			2000U								
N-NITROSODIPHENYLAMINE			1000U								
N-PROPYLBENZENE											
PERYLENE-D12											
PHENANTHRENE		**0.16B**	1000U								
PHENOL			2000U								
P-ISOPROPYLTOLUENE											
PYRENE		0.042U	1000U								
PYRIDINE											

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2
SAMPLE	KPT-20	KPT-20	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-2	OSW-200
DATE	1/17/1997	2/20/1997	9/12/1996	11/6/1996	12/18/1996	1/17/1997	2/20/1997	3/18/1997	8/20/1997	8/21/1997
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE										
1,2-DICHLOROBENZENE										
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE										
1,4-DICHLOROBENZENE										
1-METHYLNAPHTHALENE										
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL	**0.8**	**0.77**	**1.5**	**1.8**	250U	**0.77**	**0.75**	**1.6**	**1.6**	**3.7**
2,3,4,6-TETRACHLOROPHENOL								**1.8**	**160**	**160**
2,3,4-TRICHLOROPHENOL	0.25U	0.25U	0.25U	0.25U	250U	0.25U	0.25U	0.25U	0.25U	0.25U
2,3,5,6-TETRACHLOROPHENOL	**32**	**21**	120U	**200**	250U	**34**	**21**			
2,3,6-TRICHLOROPHENOL	0.25U	0.25U	0.25U	0.25U	250U	0.25U	0.25U	0.25U	0.25U	
2,4,5-TRICHLOROPHENOL	0.25U	0.25U	**0.67Y**	**0.31Y**	250U	0.25U	0.25U	0.25U	0.25U	**0.29Y**
2,4,6-TRICHLOROPHENOL	0.25U	0.25U	**0.65**	**0.81**	250U	0.25U	0.25U	0.25U	**0.34Y**	**0.52Y**
2,4-DICHLOROPHENOL										
2,4-DIMETHYLPHENOL										
2,4-DINITROPHENOL										
2,4-DINITROTOLUENE										
2,6-DINITROTOLUENE										
2-CHLORONAPHTHALENE										
2-CHLOROPHENOL										
2-METHYLNAPHTHALENE										
2-METHYLPHENOL										
2-NITROANILINE										
2-NITROPHENOL										
3,3'-DICHLOROBENZIDINE										
3-NITROANILINE										
4,6-DINITRO-2-METHYLPHENOL										
4-BROMOPHENYL-PHENYLETHER										
4-CHLORO-3-METHYLPHENOL										
4-CHLOROANILINE										
4-CHLOROPHENOL										
4-CHLOROPHENYL-PHENYLETHER										
4-METHYLPHENOL										
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE										
4-NITROPHENOL										
ACENAPHTHENE										
ACENAPHTHYLENE										
ANILINE										
ANILINE/BENZANAMINE										
ANTHRACENE										
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE										
BENZIDINE										
BENZO(A)ANTHRACENE										
BENZO(A)PYRENE										
BENZO(B)FLUORANTHENE										
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE										
BENZO(K)FLUORANTHENE										
BENZOIC ACID										
BENZYL ALCOHOL										
BIS(2-CHLOROETHOXY)METHANE										
BIS(2-CHLOROETHYL)ETHER										
BIS(2-CHLOROISOPROPYL)ETHER										
BIS(2-ETHYLHEXYL)ADIPATE										
BIS(2-ETHYLHEXYL)PHTHALATE										
BUTYL BENZYL PHTHALATE										
CARBAZOLE										
CHRYSENE										
DIBENZ(A,H)ANTHRACENE										
DIBENZOFURAN										
DIETHYL PHTHALATE										
DIMETHYL PHTHALATE										
DI-N-BUTYL PHTHALATE										
DI-N-OCTYL PHTHALATE										
FLUORANTHENE										
FLUORENE										
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE										
HEXACHLOROBUTADIENE										
HEXACHLOROCYCLOPENTADIENE										
HEXACHLOROETHANE										
INDENO(1,2,3-CD)PYRENE										
ISOPHORONE										
NITROBENZENE										
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE										
N-NITROSODIPHENYLAMINE										
N-PROPYLBENZENE										
PERYLENE-D12										
PHENANTHRENE										
PHENOL										
P-ISOPROPYLTOLUENE										
PYRENE										
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	PWS-1	PWS-1	PWS-2	PWS-2	RW-1	RW-1	RW-1	RW-1	RW-1
SAMPLE	KPT-EW-1	RR-GW-2	SW4987	SW4987	KPT-RW-1	BENSON-VOC	BENSON-BNA	SW4852	93W 106882
DATE	6/20/1991	3/1/1986	8/26/1992	8/26/1992	6/20/1991	1/26/1995	1/26/1995	1/31/1992	12/16/1993
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE			10U	0.5U			10U	10	10U
1,2-DICHLOROBENZENE			20U	0.5U		1U	10U	20	20U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE			10U	0.5U		1U	10U	10	10U
1,4-DICHLOROBENZENE			10U	0.5U		1U	10U	40	10U
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4,6-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL	0.5U		10U		0.5U			50	10U
2,4,6-TRICHLOROPHENOL	0.5U		10U		0.5U		10U	10	10U
2,4-DICHLOROPHENOL	0.5U		10U		0.5U		50U	10	10U
2,4-DIMETHYLPHENOL			50U				10U	50	50U
2,4-DINITROPHENOL			50U				10U	10	50U
2,4-DINITROTOLUENE			10U				10U	50	10U
2,6-DINITROTOLUENE			10U				10U	10	10U
2-CHLORONAPHTHALENE			10U				10U	10	10U
2-CHLOROPHENOL	0.5U		10U		0.5U		10U	10	10U
2-METHYLNAPHTHALENE			10U					10	10U
2-METHYLPHENOL			10U					10	10U
2-NITROANILINE			50U					50	50U
2-NITROPHENOL			10U				10U	10	10U
3,3'-DICHLOROBENZIDINE			20U				20U	20	20U
3-NITROANILINE			50U					50	50U
4,6-DINITRO-2-METHYLPHENOL			50U				50U	50	50U
4-BROMOPHENYL-PHENYLETHER			10U				10U	10	10U
4-CHLORO-3-METHYLPHENOL	1.5U		20U		1.5U		20U	20	20U
4-CHLOROANILINE			20U					20	20U
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER			10U				10U	10	10U
4-METHYLPHENOL			10U					10	10U
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE			50U					50	50U
4-NITROPHENOL			50U				50U	50	50U
ACENAPHTHENE	1.26U		10U		1.26U		10U	40	10U
ACENAPHTHYLENE	0.1U		10U		0.1U		10U	10	10U
ANILINE									
ANILINE/BENZANAMINE			10U						10U
ANTHRACENE	0.01U		10U		0.01U		10U	10	10U
AZOBENZENE									
AZOBENZINE/DIPHENYL DIAZINE			10U						10U
BENZIDINE									
BENZO(A)ANTHRACENE	0.02U		10U		0.02U		10U	10	10U
BENZO(A)PYRENE	0.02U		10U		0.02U		10U	10	10U
BENZO(B)FLUORANTHENE	0.06U		10U		0.06U		10U	10	10U
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	0.07U		10U		0.07U		10U	10	10U
BENZO(K)FLUORANTHENE	0.02U		10U		0.02U		10U	10	10U
BENZOIC ACID			50U					50	50U
BENZYL ALCOHOL			10U					10	10U
BIS(2-CHLOROETHOXY)METHANE			10U				10U	10	10U
BIS(2-CHLOROETHYL)ETHER			10U				10U	10	10U
BIS(2-CHLOROISOPROPYL)ETHER			10U				10U	10	10U
BIS(2-ETHYLHEXYL)ADIPATE									
BIS(2-ETHYLHEXYL)PHTHALATE		**78B**	**10B**				10U	10	**3.24J,B**
BUTYL BENZYL PHTHALATE			10U				**11**	10	10U
CARBAZOLE									
CHRYSENE	0.03U		10U		0.03U		10U	40	10U
DIBENZ(A,H)ANTHRACENE	0.07U		10U		0.07U		10U	10	10U
DIBENZOFURAN			10U					10	10U
DIETHYL PHTHALATE			10U				10U	10	10U
DIMETHYL PHTHALATE			10U				10U	10	10U
DI-N-BUTYL PHTHALATE			10U				10U	10	10U
DI-N-OCTYL PHTHALATE		**6.9JB**	10U				10U	10	10U
FLUORANTHENE	0.05U		10U		0.05U		10U	10	10U
FLUORENE	0.22U		10U		0.22U		10U	10	10U
FLUOROBENZENE									
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE			10U				10U	10	10U
HEXACHLOROBUTADIENE			10U	0.5U				10	10U
HEXACHLOROCYCLOPENTADIENE			10U				10U	10	10U
HEXACHLOROETHANE			10U				10U	10	10U
INDENO(1,2,3-CD)PYRENE	0.07U		10U		0.07U		10U	10	10U
ISOPHORONE			10U				10U	10	10U
NITROBENZENE			10U				10U	10	10U
N-NITROSODIMETHYLAMINE							20U		
N-NITROSODI-N-PROPYLAMINE			10U				10U	10	10U
N-NITROSODIPHENYLAMINE			10U				10U	10	10U
N-PROPYLBENZENE				0.5U					
PERYLENE-D12								40	
PHENANTHRENE	0.01U		10U		0.01U		10U	40	10U
PHENOL	1.5U		10U		1.5U		10U	10	10U
P-ISOPROPYLTOLUENE									
PYRENE	0.02U		10U		0.02U		10U	10	10U
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1	RW-10
SAMPLE	93W 106882 Dup	96-36705	SW4988	SW4988	SW5052	RR-GW-1	SW4988 DUP	95-45765	93W 106884
DATE	12/16/1993	6/4/1996	8/26/1992	8/26/1992	2/9/1993	3/1/1986	8/26/1992	7/26/1995	12/16/1993
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	10U	0.5U	10U	0.5U			0.5U	0.5U	10U
1,2-DICHLOROBENZENE	20U	0.5U	20U	0.5U			0.5U	0.5U	20U
1,2-DIPHENYLHYDRAZINE									
1,3-DICHLOROBENZENE	10U	0.5U	10U	0.5U			0.5U	0.5U	10U
1,4-DICHLOROBENZENE	10U	0.5U	10U	0.5U			0.5U	0.5U	10U
1-METHYLNAPHTHALENE									
2,2'-OXYBIS(1-CHLOROPROPANE)									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4,6-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL	10U		10U						10U
2,4,6-TRICHLOROPHENOL	10U		10U						10U
2,4-DICHLOROPHENOL	10U		10U						10U
2,4-DIMETHYLPHENOL	50U		50U						50U
2,4-DINITROPHENOL	50U		50U						50U
2,4-DINITROTOLUENE	10U		10U						10U
2,6-DINITROTOLUENE	10U		10U						10U
2-CHLORONAPHTHALENE	10U		10U						10U
2-CHLOROPHENOL	10U		10U						10U
2-METHYLNAPHTHALENE	10U		10U						10U
2-METHYLPHENOL	10U		10U						10U
2-NITROANILINE	50U		50U						50U
2-NITROPHENOL	10U		10U						10U
3,3'-DICHLOROBENZIDINE	20U		20U						20U
3-NITROANILINE	50U		50U						50U
4,6-DINITRO-2-METHYLPHENOL	50U		50U						50U
4-BROMOPHENYL-PHENYLETHER	10U		10U						10U
4-CHLORO-3-METHYLPHENOL	20U		20U						20U
4-CHLOROANILINE	20U		20U						20U
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER	10U		10U						10U
4-METHYLPHENOL	10U		10U						10U
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE	50U		50U						50U
4-NITROPHENOL	50U		50U						50U
ACENAPHTHENE	10U		10U						10U
ACENAPHTHYLENE	10U		10U						10U
ANILINE									
ANILINE/BENZANAMINE	10U		10U						10U
ANTHRACENE	10U		10U						10U
AZOBENZENE									
AZOBENZINE/DIPHENYL DIAZINE	10U		10U						10U
BENZIDINE									
BENZO(A)ANTHRACENE	10U		10U						10U
BENZO(A)PYRENE	10U		10U		0.2U				10U
BENZO(B)FLUORANTHENE	10U		10U						10U
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	10U		10U						10U
BENZO(K)FLUORANTHENE	10U		10U						10U
BENZOIC ACID	50U		50U						50U
BENZYL ALCOHOL	10U		10U						10U
BIS(2-CHLOROETHOXY)METHANE	10U		10U						10U
BIS(2-CHLOROETHYL)ETHER	10U		10U						10U
BIS(2-CHLOROISOPROPYL)ETHER	10U		10U						10U
BIS(2-ETHYLHEXYL)ADIPATE					**2.15**				
BIS(2-ETHYLHEXYL)PHTHALATE	**6.35J,B**		**10.9B**		**1.22**	**560B**			**2.92J,B**
BUTYL BENZYL PHTHALATE	10U		10U						10U
CARBAZOLE									
CHRYSENE	10U		10U						10U
DIBENZ(A,H)ANTHRACENE	10U		10U						10U
DIBENZOFURAN	10U		10U						10U
DIETHYL PHTHALATE	10U		10U						10U
DIMETHYL PHTHALATE	10U		10U						10U
DI-N-BUTYL PHTHALATE	10U		10U						10U
DI-N-OCTYL PHTHALATE	10U		10U			**180B**			10U
FLUORANTHENE	10U		10U						10U
FLUORENE	10U		10U						10U
FLUOROBENZENE									
HEXACHLORO-1,3-BUTADIENE									
HEXACHLOROBENZENE	10U		10U		0.2U				10U
HEXACHLOROBUTADIENE	10U	0.5U	10U	0.5U			0.5U	0.5U	10U
HEXACHLOROCYCLOPENTADIENE	10U		10U		5U				10U
HEXACHLOROETHANE	10U		10U						10U
INDENO(1,2,3-CD)PYRENE	10U		10U						10U
ISOPHORONE	10U		10U						10U
NITROBENZENE	10U		10U						10U
N-NITROSODIMETHYLAMINE									
N-NITROSODI-N-PROPYLAMINE	10U		10U						10U
N-NITROSODIPHENYLAMINE	10U		10U						10U
N-PROPYLBENZENE		0.5U		0.5U			0.5U	0.5U	
PERYLENE-D12									
PHENANTHRENE	10U		10U						10U
PHENOL	10U		10U						10U
P-ISOPROPYLTOLUENE		0.5U						0.5U	
PYRENE	10U		10U						10U
PYRIDINE									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	RW-10	RW-10	RW-10	RW-10	RW-10	RW-10	RW-11	RW-11	RW-11	RW-11
SAMPLE	94-58392	94-58392	SW4989	SW5051	SW4989	95-45764	SW4985	SW4985 DUP	SW5053	SW4985
DATE	11/22/1994	11/22/1994	8/26/1992	2/8/1993	8/26/1992	7/26/1995	8/26/1992	8/26/1992	2/9/1993	8/26/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	10U	0.5U	10U		0.5U	0.5U	10U	10U		0.5U
1,2-DICHLOROBENZENE	10U	0.5U	20U		0.5U	0.5U	20U	20U		0.5U
1,2-DIPHENYLHYDRAZINE	10U									
1,3-DICHLOROBENZENE	10U	0.5U	10U		0.5U	0.5U	10U	10U		0.5U
1,4-DICHLOROBENZENE	10U	0.5U	10U		0.5U	0.5U	10U	10U		0.5U
1-METHYLNAPHTHALENE	10U									
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL										
2,3,4,6-TETRACHLOROPHENOL										
2,3,4-TRICHLOROPHENOL										
2,3,5,6-TETRACHLOROPHENOL										
2,3,6-TRICHLOROPHENOL										
2,4,5-TRICHLOROPHENOL	10U		10U				10U	10U		
2,4,6-TRICHLOROPHENOL	10U		10U				10U	10U		
2,4-DICHLOROPHENOL	10U		10U				10U	10U		
2,4-DIMETHYLPHENOL	10U		50U				50U	50U		
2,4-DINITROPHENOL	50U		50U				50U	50U		
2,4-DINITROTOLUENE	10U		10U				10U	10U		
2,6-DINITROTOLUENE	10U		10U				10U	10U		
2-CHLORONAPHTHALENE	10U		10U				10U	10U		
2-CHLOROPHENOL	10U		10U				10U	10U		
2-METHYLNAPHTHALENE	10U		10U				10U	10U		
2-METHYLPHENOL	10U		10U				10U	10U		
2-NITROANILINE			50U				50U	50U		
2-NITROPHENOL	10U		10U				10U	10U		
3,3'-DICHLOROBENZIDINE	20U		20U				20U	20U		
3-NITROANILINE			50U				50U	50U		
4,6-DINITRO-2-METHYLPHENOL	50U		50U				50U	50U		
4-BROMOPHENYL-PHENYLETHER	10U		10U				10U	10U		
4-CHLORO-3-METHYLPHENOL	10U		20U				20U	20U		
4-CHLOROANILINE			20U				10U	20U		
4-CHLOROPHENOL	10U									
4-CHLOROPHENYL-PHENYLETHER	10U		10U				20U	10U		
4-METHYLPHENOL			10U				10U	10U		
4-METHYLPHENOL/3-METHYLPHENOL	10U									
4-NITROANILINE			50U				50U	50U		
4-NITROPHENOL	50U		50U				50U	50U		
ACENAPHTHENE	10U		10U				10U	10U		
ACENAPHTHYLENE	10U		10U				10U	10U		
ANILINE										
ANILINE/BENZANAMINE			10U				10U	10U		
ANTHRACENE	10U		10U				10U	10U		
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE			10U				10U	10U		
BENZIDINE	20U									
BENZO(A)ANTHRACENE	10U		10U				10U	10U		
BENZO(A)PYRENE	10U		10U	0.2U			10U	10U	0.2U	
BENZO(B)FLUORANTHENE	10U		10U				10U	10U		
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE	10U		10U				10U	10U		
BENZO(K)FLUORANTHENE	10U		10U				10U	10U		
BENZOIC ACID			50U				50U	50U		
BENZYL ALCOHOL			10U				10U	10U		
BIS(2-CHLOROETHOXY)METHANE	10U		10U				10U	10U		
BIS(2-CHLOROETHYL)ETHER	10U		10U				10U	10U		
BIS(2-CHLOROISOPROPYL)ETHER	10U		10U				10U	10U		
BIS(2-ETHYLHEXYL)ADIPATE				**1.35**					**0.7**	
BIS(2-ETHYLHEXYL)PHTHALATE	10U		**28.6B**	**1.09**			**13.2B**	**52.4B**	**2.23**	
BUTYL BENZYL PHTHALATE	10U		10U				10U	10U		
CARBAZOLE										
CHRYSENE	10U		10U				10U	10U		
DIBENZ(A,H)ANTHRACENE	10U		10U				10U	10U		
DIBENZOFURAN			10U				10U	10U		
DIETHYL PHTHALATE	10U		10U				10U	10U		
DIMETHYL PHTHALATE	10U		10U				10U	10U		
DI-N-BUTYL PHTHALATE	**0.56JB**		10U				10U	10U		
DI-N-OCTYL PHTHALATE	10U		10U				10U	10U		
FLUORANTHENE	10U		10U				10U	10U		
FLUORENE	10U		10U				10U	10U		
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE	10U		10U	0.2U			10U	10U	0.2U	
HEXACHLOROBUTADIENE	10U	0.5U	10U		0.5U	0.5U	10U	10U		0.5U
HEXACHLOROCYCLOPENTADIENE	10U		10U	5U			10U	10U	5U	
HEXACHLOROETHANE	10U		10U				10U	10U		
INDENO(1,2,3-CD)PYRENE	10U		10U				10U	10U		
ISOPHORONE	10U		10U				10U	10U		
NITROBENZENE	10U		10U				10U	10U		
N-NITROSODIMETHYLAMINE	10U									
N-NITROSODI-N-PROPYLAMINE	10U		10U				10U	10U		
N-NITROSODIPHENYLAMINE	10U		10U				10U	10U		
N-PROPYLBENZENE		0.5U			0.5U	0.5U				0.5U
PERYLENE-D12										
PHENANTHRENE	10U		10U				10U	10U		
PHENOL	10U		10U				10U	10U		
P-ISOPROPYLTOLUENE		0.5U				0.5U				
PYRENE	10U		10U				10U	10U		
PYRIDINE	20U									

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	RW-2	RW-2	RW-2	RW-2	RW-2	RW-3	RW-4	RW-4	RW-4	RW-4
SAMPLE	Rask Well	Rask Well	KPT-RW-2	SW4856	96-31882	KPT-RW-3	KPT-RW-4	SW4854	93W 106883	SW4986
DATE	9/12/1996	12/18/1996	6/20/1991	1/31/1992	5/10/1996	6/20/1991	6/20/1991	1/31/1992	12/16/1993	8/26/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE				10	0.5U			10	10U	10U
1,2-DICHLOROBENZENE				20	0.5U			20	20U	20U
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE				10	0.5U			10	10U	10U
1,4-DICHLOROBENZENE				40	0.5U			40	10U	10U
1-METHYLNAPHTHALENE										
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL	0.25U	0.25U								
2,3,4,6-TETRACHLOROPHENOL										
2,3,4-TRICHLOROPHENOL	0.25U	0.25U								
2,3,5,6-TETRACHLOROPHENOL	0.25U	0.25U								
2,3,6-TRICHLOROPHENOL	0.25U	0.25U								
2,4,5-TRICHLOROPHENOL	0.25U	0.25U	0.5U	50		0.5U	0.5U	50	10U	10U
2,4,6-TRICHLOROPHENOL	0.25U	0.25U	0.5U	10		0.5U	0.5U	10	10U	10U
2,4-DICHLOROPHENOL			0.5U	10		0.5U	0.5U	10	10U	10U
2,4-DIMETHYLPHENOL				50				50	50U	50U
2,4-DINITROPHENOL				10				10	50U	50U
2,4-DINITROTOLUENE				50				50	10U	10U
2,6-DINITROTOLUENE				10				10	10U	10U
2-CHLORONAPHTHALENE				10				10	10U	10U
2-CHLOROPHENOL			0.5U	10		0.5U	0.5U	10	10U	10U
2-METHYLNAPHTHALENE				10				10	10U	10U
2-METHYLPHENOL				10				10	10U	10U
2-NITROANILINE				50				50	50U	50U
2-NITROPHENOL				10				10	10U	10U
3,3'-DICHLOROBENZIDINE				20				20	20U	20U
3-NITROANILINE				50				50	50U	50U
4,6-DINITRO-2-METHYLPHENOL				50				50	50U	50U
4-BROMOPHENYL-PHENYLETHER				10				10	10U	10U
4-CHLORO-3-METHYLPHENOL			1.5U	20		1.5U	1.5U	20	20U	20U
4-CHLOROANILINE				20				20	20U	20U
4-CHLOROPHENOL										
4-CHLOROPHENYL-PHENYLETHER				10				10	10U	10U
4-METHYLPHENOL				10				10	10U	10U
4-METHYLPHENOL/3-METHYLPHENOL										
4-NITROANILINE				50				50	50U	50U
4-NITROPHENOL				50				50	50U	50U
ACENAPHTHENE			1.26U	40		1.26U	1.26U	40	10U	10U
ACENAPHTHYLENE			0.1U	10		0.1U	0.1U	10	10U	10U
ANILINE										
ANILINE/BENZANAMINE									10U	10U
ANTHRACENE			0.01U	10		0.01U	0.01U	10	10U	10U
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE									10U	10U
BENZIDINE										
BENZO(A)ANTHRACENE			0.02U	10		0.02U	0.02U	10	10U	10U
BENZO(A)PYRENE			0.02U	10		0.02U	0.02U	10	10U	10U
BENZO(B)FLUORANTHENE			0.06U	10		0.06U	0.06U	10	10U	10U
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE			0.07U	10		0.07U	0.07U	10	10U	10U
BENZO(K)FLUORANTHENE			0.02U	10		0.02U	0.02U	10	10U	10U
BENZOIC ACID				50				50	50U	50U
BENZYL ALCOHOL				10				10	10U	10U
BIS(2-CHLOROETHOXY)METHANE				10				10	10U	10U
BIS(2-CHLOROETHYL)ETHER				10				10	10U	10U
BIS(2-CHLOROISOPROPYL)ETHER				10				10	10U	10U
BIS(2-ETHYLHEXYL)ADIPATE										
BIS(2-ETHYLHEXYL)PHTHALATE				10				10	2.52J,B	5.42B
BUTYL BENZYL PHTHALATE				10				10	10U	10U
CARBAZOLE										
CHRYSENE			0.03U	40		0.03U	0.03U	40	10U	10U
DIBENZ(A,H)ANTHRACENE			0.07U	10		0.07U	0.07U	10	10U	10U
DIBENZOFURAN				10				10	10U	10U
DIETHYL PHTHALATE				10				10	10U	10U
DIMETHYL PHTHALATE				10				10	10U	10U
DI-N-BUTYL PHTHALATE				10				10	10U	10U
DI-N-OCTYL PHTHALATE				10				10	10U	10U
FLUORANTHENE			0.05U	10		0.05U	0.05U	10	10U	10U
FLUORENE			0.22U	10		0.22U	0.22U	10	10U	10U
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE				10				10	10U	10U
HEXACHLOROBUTADIENE				10	0.5U			10	10U	10U
HEXACHLOROCYCLOPENTADIENE				10				10	10U	10U
HEXACHLOROETHANE				10				10	10U	10U
INDENO(1,2,3-CD)PYRENE			0.07U	10		0.07U	0.07U	10	10U	10U
ISOPHORONE				10				10	10U	10U
NITROBENZENE				10				10	10U	10U
N-NITROSODIMETHYLAMINE										
N-NITROSODI-N-PROPYLAMINE				10				10	10U	10U
N-NITROSODIPHENYLAMINE				10				10	10U	10U
N-PROPYLBENZENE					0.62					
PERYLENE-D12				40				40		
PHENANTHRENE			0.01U	40		0.01U	0.01U	40	10U	10U
PHENOL			1.5U	10		1.5U	1.5U	10	10U	10U
P-ISOPROPYLTOLUENE					0.14J					
PYRENE			0.02U	10		0.02U	0.02U	10	10U	10U
PYRIDINE										

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	RW-4	RW-5	RW-5	RW-5	RW-5	RW-6	RW-7	RW-7	RW-7	RW-7
SAMPLE	SW4986	KPT-RW-5	SW4853	SW4853	92-4154	KPT-RW-6	KPT-RW-7	SW4855	93W 106885	94-58395
DATE	8/26/1992	6/20/1991	1/31/1992	1/28/1992	1/20/1992	6/20/1991	6/20/1991	1/31/1992	12/16/1993	11/23/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	0.5U		10	0.5U	10U			10	10U	0.5U
1,2-DICHLOROBENZENE	0.5U		20	0.5U	10U			20	20U	0.5U
1,2-DIPHENYLHYDRAZINE										
1,3-DICHLOROBENZENE	0.5U		10	0.5U	10U			10	10U	0.5U
1,4-DICHLOROBENZENE	0.5U		40	0.5U	10U			40	10U	0.5U
1-METHYLNAPHTHALENE					10U					
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL										
2,3,4,6-TETRACHLOROPHENOL										
2,3,4-TRICHLOROPHENOL										
2,3,5,6-TETRACHLOROPHENOL										
2,3,6-TRICHLOROPHENOL										
2,4,5-TRICHLOROPHENOL		0.94	50		10U	0.5U	0.5U	50	10U	
2,4,6-TRICHLOROPHENOL		0.5U	10		10U	0.5U	0.5U	10	10U	
2,4-DICHLOROPHENOL		0.5U	10		10U	0.5U	0.5U	10	10U	
2,4-DIMETHYLPHENOL			50		10U			50	50U	
2,4-DINITROPHENOL			10					10	50U	
2,4-DINITROTOLUENE			50		10U			50	10U	
2,6-DINITROTOLUENE			10		10U			10	10U	
2-CHLORONAPHTHALENE			10		10U			10	10U	
2-CHLOROPHENOL		0.5U	10		10U	0.5U	0.5U	10	10U	
2-METHYLNAPHTHALENE			10		10U			10	10U	
2-METHYLPHENOL			10		10U			10	10U	
2-NITROANILINE			50					50	50U	
2-NITROPHENOL			10		10U			10	10U	
3,3'-DICHLOROBENZIDINE			20		20U			20	20U	
3-NITROANILINE			50					50	50U	
4,6-DINITRO-2-METHYLPHENOL			50		50U			50	50U	
4-BROMOPHENYL-PHENYLETHER			10		10U			10	10U	
4-CHLORO-3-METHYLPHENOL		1.5U	20		10U	1.5U	1.5U	20	20U	
4-CHLOROANILINE			20					20	20U	
4-CHLOROPHENOL										
4-CHLOROPHENYL-PHENYLETHER			10		10U			10	10U	
4-METHYLPHENOL			10					10	10U	
4-METHYLPHENOL/3-METHYLPHENOL					10U					
4-NITROANILINE			50					50	50U	
4-NITROPHENOL			50		50U			50	50U	
ACENAPHTHENE		1.26U	40		10U	1.26U	1.26U	40	10U	
ACENAPHTHYLENE		0.1U	10		10U	0.1U	0.1U	10	10U	
ANILINE										
ANILINE/BENZANAMINE									10U	
ANTHRACENE		0.01U	10		10U	0.01U	0.01U	10	10U	
AZOBENZENE					10U					
AZOBENZINE/DIPHENYL DIAZINE									10U	
BENZIDINE					20U					
BENZO(A)ANTHRACENE		0.02U	10		10U	0.02U	0.02U	10	10U	
BENZO(A)PYRENE		0.02U	10		10U	0.02U	0.02U	10	10U	
BENZO(B)FLUORANTHENE		0.06U	10		10U	0.06U	0.06U	10	10U	
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE		0.07U	10		10U	0.07U	0.07U	10	10U	
BENZO(K)FLUORANTHENE		0.02U	10		10U	0.02U	0.02U	10	10U	
BENZOIC ACID			50					50	50U	
BENZYL ALCOHOL			10					10	10U	
BIS(2-CHLOROETHOXY)METHANE			10		10U			10	10U	
BIS(2-CHLOROETHYL)ETHER			10		10U			10	10U	
BIS(2-CHLOROISOPROPYL)ETHER			10		10U			10	10U	
BIS(2-ETHYLHEXYL)ADIPATE										
BIS(2-ETHYLHEXYL)PHTHALATE			10		2JB			10	3.93J,B	
BUTYL BENZYL PHTHALATE			10		10U			10	10U	
CARBAZOLE										
CHRYSENE		0.03U	40		10U	0.03U	0.03U	40	10U	
DIBENZ(A,H)ANTHRACENE		0.07U	10		10U	0.07U	0.07U	10	10U	
DIBENZOFURAN			10					10	10U	
DIETHYL PHTHALATE			10		10U			10	10U	
DIMETHYL PHTHALATE			10		10U			10	10U	
DI-N-BUTYL PHTHALATE			10		10U			10	10U	
DI-N-OCTYL PHTHALATE			10		10U			10	10U	
FLUORANTHENE		0.05U	10		10U	0.05U	0.05U	10	10U	
FLUORENE		0.22U	10		10U	0.22U	0.22U	10	10U	
FLUOROBENZENE				5						
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE			10		10U			10	10U	
HEXACHLOROBUTADIENE	0.5U		10	0.5U	10U			10	10U	0.5U
HEXACHLOROCYCLOPENTADIENE			10		10U			10	10U	
HEXACHLOROETHANE			10		10U			10	10U	
INDENO(1,2,3-CD)PYRENE		0.07U	10		10U	0.07U	0.07U	10	10U	
ISOPHORONE			10		10U			10	10U	
NITROBENZENE			10		10U			10	10U	
N-NITROSODIMETHYLAMINE					10U					
N-NITROSODI-N-PROPYLAMINE			10		10U			10	10U	
N-NITROSODIPHENYLAMINE			10		10U			10	10U	
N-PROPYLBENZENE	0.5U			0.5U						0.5U
PERYLENE-D12			40					40		
PHENANTHRENE		0.01U	40		10U	0.01U	0.01U	40	10U	
PHENOL		1.5U	10		10U	1.5U	1.5U	10	10U	
P-ISOPROPYLTOLUENE										0.5U
PYRENE		0.02U	10		10U	0.02U	0.02U	10	10U	
PYRIDINE					20U					

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	RW-7	RW-7	RW-7	RW-7	RW-7	RW-7	RW-7	RW-8	RW-9	SW-5
SAMPLE	96-36704	SW4990	SW5050	SW5050 DUP	SW4990	94-58395	95-45763	KPT-RW-8	KPT-RW-9	SW-5-A
DATE	6/4/1996	8/26/1992	2/8/1993	2/8/1993	8/26/1992	11/23/1994	7/26/1995	6/20/1991	6/20/1991	6/24/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	0.5U	10U			0.5U	10U	0.5U			1U
1,2-DICHLOROBENZENE	0.5U	20U			0.5U	10U	0.5U			1U
1,2-DIPHENYLHYDRAZINE						10U				3U
1,3-DICHLOROBENZENE	0.5U	10U			0.5U	10U	0.5U			1U
1,4-DICHLOROBENZENE	0.5U	10U			0.5U	10U	0.5U			1U
1-METHYLNAPHTHALENE						10U				
2,2'-OXYBIS(1-CHLOROPROPANE)										
2,3,4,5-TETRACHLOROPHENOL										
2,3,4,6-TETRACHLOROPHENOL										
2,3,4-TRICHLOROPHENOL										
2,3,5,6-TETRACHLOROPHENOL										
2,3,6-TRICHLOROPHENOL										
2,4,5-TRICHLOROPHENOL		10U				10U		0.5U	0.5U	3U
2,4,6-TRICHLOROPHENOL		10U				10U		0.5U	0.5U	3U
2,4-DICHLOROPHENOL		10U				10U		0.5U	0.5U	3U
2,4-DIMETHYLPHENOL		50U				10U				**2**
2,4-DINITROPHENOL		50U				50U				13U
2,4-DINITROTOLUENE		10U				10U				3U
2,6-DINITROTOLUENE		10U				10U				3U
2-CHLORONAPHTHALENE		10U				10U				1U
2-CHLOROPHENOL		10U				10U		0.5U	0.5U	1U
2-METHYLNAPHTHALENE		10U				10U				1U
2-METHYLPHENOL		10U				10U				**1**
2-NITROANILINE		50U								3U
2-NITROPHENOL		10U				10U				3U
3,3'-DICHLOROBENZIDINE		20U				20U				13U
3-NITROANILINE		50U								7U
4,6-DINITRO-2-METHYLPHENOL		50U				50U				13U
4-BROMOPHENYL-PHENYLETHER		10U				10U				3U
4-CHLORO-3-METHYLPHENOL		20U				10U		1.5U	1.5U	3U
4-CHLOROANILINE		20U								1U
4-CHLOROPHENOL						10U				
4-CHLOROPHENYL-PHENYLETHER		10U				10U				1U
4-METHYLPHENOL		10U								**1**
4-METHYLPHENOL/3-METHYLPHENOL						10U				
4-NITROANILINE		50U								3U
4-NITROPHENOL		50U				50U				13U
ACENAPHTHENE		10U				10U		1.26U	1.26U	1U
ACENAPHTHYLENE		10U				10U		0.1U	0.1U	1U
ANILINE										7U
ANILINE/BENZANAMINE		10U								
ANTHRACENE		10U				10U		0.01U	0.01U	1U
AZOBENZENE										
AZOBENZINE/DIPHENYL DIAZINE		10U								
BENZIDINE						20U				33U
BENZO(A)ANTHRACENE		10U				10U		0.02U	0.02U	1U
BENZO(A)PYRENE		10U	0.2U	0.2U		10U		0.02U	0.02U	1U
BENZO(B)FLUORANTHENE		10U				10U		0.06U	0.06U	1U
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE		10U				10U		0.07U	0.07U	1U
BENZO(K)FLUORANTHENE		10U				10U		0.02U	0.02U	1U
BENZOIC ACID		50U								**430D**
BENZYL ALCOHOL		10U								**2**
BIS(2-CHLOROETHOXY)METHANE		10U				10U				1U
BIS(2-CHLOROETHYL)ETHER		10U				10U				1U
BIS(2-CHLOROISOPROPYL)ETHER		10U				10U				1U
BIS(2-ETHYLHEXYL)ADIPATE			**1.13**	**1.95**						
BIS(2-ETHYLHEXYL)PHTHALATE		**26.8B**	**0.87**	**0.93**		10U				**1B**
BUTYL BENZYL PHTHALATE		10U				10U				1U
CARBAZOLE										1U
CHRYSENE		10U				10U		0.03U	0.03U	1U
DIBENZ(A,H)ANTHRACENE		10U				10U		0.07U	0.07U	1U
DIBENZOFURAN		10U								1U
DIETHYL PHTHALATE		10U				10U				1U
DIMETHYL PHTHALATE		10U				10U				1U
DI-N-BUTYL PHTHALATE		10U				10U				**1B**
DI-N-OCTYL PHTHALATE		10U				10U				1U
FLUORANTHENE		10U				10U		0.05U	0.05U	1U
FLUORENE		10U				10U		0.22U	0.22U	1U
FLUOROBENZENE										
HEXACHLORO-1,3-BUTADIENE										
HEXACHLOROBENZENE		10U	0.2U	0.2U		10U				3U
HEXACHLOROBUTADIENE	0.5U	10U			0.5U	10U	0.5U			1U
HEXACHLOROCYCLOPENTADIENE		10U	5U	5U		10U				3U
HEXACHLOROETHANE		10U				10U				3U
INDENO(1,2,3-CD)PYRENE		10U				10U		0.07U	0.07U	1U
ISOPHORONE		10U				10U				1U
NITROBENZENE		10U				10U				1U
N-NITROSODIMETHYLAMINE						10U				
N-NITROSODI-N-PROPYLAMINE		10U				10U				1U
N-NITROSODIPHENYLAMINE		10U				10U				1U
N-PROPYLBENZENE	0.5U				0.5U		0.5U			
PERYLENE-D12										
PHENANTHRENE		10U				10U		0.01U	0.01U	1U
PHENOL		10U				10U		1.5U	1.5U	**29**
P-ISOPROPYLTOLUENE	0.5U						0.5U			
PYRENE		10U				10U		0.02U	0.02U	1U
PYRIDINE						20U				

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

STATION	SW-6	SW-7	UNKNOWN	UNKNOWN
SAMPLE	SW-6-A	SW-7-A	STRUNK	CAMERON
DATE	6/24/1992	6/24/1992	1/27/1995	1/27/1995
UNITS	UG/L	UG/L	UG/L	UG/L
1,2,4-TRICHLOROBENZENE	1U	1U	10U	10U
1,2-DICHLOROBENZENE	1U	1U	10U	10U
1,2-DIPHENYLHYDRAZINE	2U	2U		
1,3-DICHLOROBENZENE	1U	1U	10U	10U
1,4-DICHLOROBENZENE	1U	1U	10U	10U
1-METHYLNAPHTHALENE				
2,2'-OXYBIS(1-CHLOROPROPANE)				
2,3,4,5-TETRACHLOROPHENOL				
2,3,4,6-TETRACHLOROPHENOL				
2,3,4-TRICHLOROPHENOL				
2,3,5,6-TETRACHLOROPHENOL				
2,3,6-TRICHLOROPHENOL				
2,4,5-TRICHLOROPHENOL	2U	2U		
2,4,6-TRICHLOROPHENOL	2U	2U	10U	10U
2,4-DICHLOROPHENOL	2U	2U	10U	10U
2,4-DIMETHYLPHENOL	1U	1U	10U	10U
2,4-DINITROPHENOL	10U	10U	50U	50U
2,4-DINITROTOLUENE	2U	2U	10U	10U
2,6-DINITROTOLUENE	2U	2U	10U	10U
2-CHLORONAPHTHALENE	1U	1U	10U	10U
2-CHLOROPHENOL	1U	1U	10U	10U
2-METHYLNAPHTHALENE	1U	1U		
2-METHYLPHENOL	1U	1U		
2-NITROANILINE	2U	2U		
2-NITROPHENOL	2U	2U	10U	10U
3,3'-DICHLOROBENZIDINE	10U	10U	20U	20U
3-NITROANILINE	5U	5U		
4,6-DINITRO-2-METHYLPHENOL	10U	10U	50U	50U
4-BROMOPHENYL-PHENYLETHER	2U	2U	10U	10U
4-CHLORO-3-METHYLPHENOL	2U	2U	20U	20U
4-CHLOROANILINE	1U	1U		
4-CHLOROPHENOL				
4-CHLOROPHENYL-PHENYLETHER	1U	1U		
4-METHYLPHENOL	1U	1U		
4-METHYLPHENOL/3-METHYLPHENOL				
4-NITROANILINE	2U	2U		
4-NITROPHENOL	10U	10U	50U	50U
ACENAPHTHENE	1U	1U	10U	10U
ACENAPHTHYLENE	1U	1U		
ANILINE	5U	5U		
ANILINE/BENZANAMINE				
ANTHRACENE	1U	1U	10U	10U
AZOBENZENE				
AZOBENZINE/DIPHENYL DIAZINE				
BENZIDINE	25U	25U		
BENZO(A)ANTHRACENE	1U	1U	10U	10U
BENZO(A)PYRENE	1U	1U	10U	10U
BENZO(B)FLUORANTHENE	1U	1U	10U	10U
BENZO(E)PYRENE				
BENZO(G,H,I)PERYLENE	1U	1U	10U	10U
BENZO(K)FLUORANTHENE	1U	1U	10U	10U
BENZOIC ACID	**1J**	25U		
BENZYL ALCOHOL	1U	1U		
BIS(2-CHLOROETHOXY)METHANE	1U	1U	10U	10U
BIS(2-CHLOROETHYL)ETHER	1U	1U	10U	10U
BIS(2-CHLOROISOPROPYL)ETHER	1U	1U	10U	10U
BIS(2-ETHYLHEXYL)ADIPATE				
BIS(2-ETHYLHEXYL)PHTHALATE	**2B**	**1B**	10U	10U
BUTYL BENZYL PHTHALATE	1U	1U	10U	10U
CARBAZOLE	1U	1U		
CHRYSENE	1U	1U	10U	10U
DIBENZ(A,H)ANTHRACENE	1U	1U	10U	10U
DIBENZOFURAN	1U	1U		
DIETHYL PHTHALATE	**1**	1U	10U	10U
DIMETHYL PHTHALATE	1U	1U	10U	10U
DI-N-BUTYL PHTHALATE	**1B**	**2B**	10U	10U
DI-N-OCTYL PHTHALATE	1U	1U	10U	10U
FLUORANTHENE	1U	1U	10U	10U
FLUORENE	1U	1U	10U	10U
FLUOROBENZENE				
HEXACHLORO-1,3-BUTADIENE				
HEXACHLOROBENZENE	2U	2U	10U	10U
HEXACHLOROBUTADIENE	1U	1U		
HEXACHLOROCYCLOPENTADIENE	2U	2U	10U	10U
HEXACHLOROETHANE	2U	2U	10U	10U
INDENO(1,2,3-CD)PYRENE	1U	1U	10U	10U
ISOPHORONE	1U	1U	10U	10U
NITROBENZENE	1U	1U	10U	10U
N-NITROSODIMETHYLAMINE			20U	20U
N-NITROSODI-N-PROPYLAMINE	1U	1U	10U	10U
N-NITROSODIPHENYLAMINE	1U	1U	10U	10U
N-PROPYLBENZENE				
PERYLENE-D12				
PHENANTHRENE	1U	1U	10U	10U
PHENOL	1U	1U	10U	10U
P-ISOPROPYLTOLUENE				
PYRENE	1U	1U	10U	10U
PYRIDINE				

Appendix D - Groundwater Data
Semi-Volatile Organic Compound2

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L	Micrograms per liter
NP	Samples collected using a no-purge method
B	Compound detected in method blank
D	Sample dilution
E	Indicates a value above the linear range of the detector. Sample dilution required.
J	Estimated concentration
M	Low or poor spectral match; value should be considered estimated
U	Analyte analyzed for but not detected; reported with detection limit value
Y	Indicates a raised detection limit due to matrix interference

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	CLCW-1	CLCW-1	CLCW-1	EH-1	EH-1	EH-2	EH-3	GW-1
SAMPLE	CLCW-1	CLCW-1	CLCW-1	92-4151	EH-1-A	92-4152	92-4153	KPP-GW-1
DATE	10/23/1995	8/7/1995	8/6/1993	1/20/1992	6/24/1992	1/20/1992	1/20/1992	11/15/1988
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL				50U		50U	50U	
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	40U	0.5U	5U					
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	40U	**2.5**	**8.8**					
ETHYLENE DIBROMIDE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
METHYLENE CHLORIDE								
NAPHTHALENE		20U		**62**	**32**	10U	10U	10U
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	40U	**0.97**	5U					
TOTAL XYLENES	40U	**6.2**	**46**					
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GW-1	GW-1	GW-1	GW-1	GW-2	GW-2	GW-2
SAMPLE	GW-1	GW-1	KPP-GW-1	GW-1	KPP-GW-2	KPP-GW-4 DUP	GW-2
DATE	8/20/1991	11/16/1994	11/15/1988	8/20/1991	11/15/1988	11/17/1988	8/20/1991
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE			5U	5U			
1,1,2,2-TETRACHLOROETHANE			5U	5U			
1,1,2-TRICHLOROETHANE			5U	5U			
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE			5U	5U			
1,1-DICHLOROETHENE			5U	5U			
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROETHANE			5U	5U			
1,2-DICHLOROETHENE			5U	5U			
1,2-DICHLOROPROPANE			5U	5U			
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROPROPANE							
2,2-DICHLOROPROPANE							
2,4-DINITROPHENOL							
2-BUTANONE			10U				
2-CHLOROETHYL VINYL ETHER							
2-CHLOROTOLUENE							
2-HEXANONE			10U	10U			
4-CHLOROTOLUENE							
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE			10U				
ACETONE			10U	10U			
ACROLEIN							
ACRYLONITRILE							
BENZENE			5U	5U			
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE			5U				
BROMOFORM			5U	5U			
BROMOMETHANE			10U				
CARBON DISULFIDE			5U	10U			
CARBON TETRACHLORIDE			5U	5U			
CHLOROBENZENE			5U	5U			
CHLOROETHANE			10U	10U			
CHLOROFORM			5U	10U			
CHLOROMETHANE (METHYL CHLORIDE)			10U	10U			
CIS-1,2-DICHLOROETHENE							
CIS-1,3-DICHLOROPROPENE			5U	5U			
DIBROMOCHLOROMETHANE			5U	5U			
DIBROMOMETHANE							
DICHLOROBROMOMETHANE				5U			
DICHLORODIFLUOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)			5U	5U			
ETHYLBENZENE			5U	5U			
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE							
M,P-XYLENES							
METHYL BROMIDE				10U			
METHYL ETHYL KETONE				10U			
METHYL IODIDE							
METHYL ISOBUTYL KETONE				10U			
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE							
NAPHTHALENE	10U	1U			**10J**	**10J**	10U
N-BUTYLBENZENE							
O-XYLENE							
SEC-BUTYLBENZENE							
STYRENE			5U	5U			
TERT-BUTYLBENZENE							
TETRACHLOROETHENE			5U	5U			
TOLUENE			5U	5U			
TOTAL XYLENES							
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE			5U	5U			
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE			5U	5U			
TRICHLOROFLUOROMETHANE							
VINYL ACETATE			10U	10U			
VINYL CHLORIDE			10U	10U			
XYLENE			5U	5U			

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GW-2	GW-2	GW-2	GW-3	GW-3	GW-3	GW-3
SAMPLE	KPP-GW-2	KPP-GW-4 DUP	GW-2	KPP-GW-3	KPT-GW-3	GW-3	KPP-GW-3
DATE	11/15/1988	11/15/1988	8/20/1991	11/16/1988	6/19/1991	8/20/1991	11/15/1988
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	5U	5U	5U				25U
1,1,2,2-TETRACHLOROETHANE	5U	5U	5U				25U
1,1,2-TRICHLOROETHANE	5U	5U	5U				25U
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE	5U	5U	5U				25U
1,1-DICHLOROETHENE	5U	5U	5U				25U
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROETHANE	5U	5U	5U				25U
1,2-DICHLOROETHENE		5U	5U				
1,2-DICHLOROPROPANE	5U	5U	5U				25U
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROPROPANE							
2,2-DICHLOROPROPANE							
2,4-DINITROPHENOL							
2-BUTANONE	10U	10U					50U
2-CHLOROETHYL VINYL ETHER							
2-CHLOROTOLUENE							
2-HEXANONE	10U	10U	10U				50U
4-CHLOROTOLUENE							
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE	10U	10U					50U
ACETONE	10U	10U	10U				50U
ACROLEIN							
ACRYLONITRILE							
BENZENE	5U	5U	5U				25U
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	5U	5U					25U
BROMOFORM	5U	5U	5U				25U
BROMOMETHANE	10U	10U					50U
CARBON DISULFIDE	5U	5U	10U				25U
CARBON TETRACHLORIDE	5U	5U	5U				25U
CHLOROBENZENE	5U	5U	5U				25U
CHLOROETHANE	10U	10U	10U				50U
CHLOROFORM	5U	5U	10U				25U
CHLOROMETHANE (METHYL CHLORIDE)		10U	10U				
CIS-1,2-DICHLOROETHENE							
CIS-1,3-DICHLOROPROPENE	5U	5U	5U				25U
DIBROMOCHLOROMETHANE	5U	5U	5U				25U
DIBROMOMETHANE							
DICHLOROBROMOMETHANE			5U				
DICHLORODIFLUOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)	5U	5U	5U				25U
ETHYLBENZENE	5U	5U	5U				**39**
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE							
M,P-XYLENES							
METHYL BROMIDE			10U				
METHYL ETHYL KETONE			10U				
METHYL IODIDE							
METHYL ISOBUTYL KETONE			10U				
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE							
NAPHTHALENE				**430J**	200U	**87**	
N-BUTYLBENZENE							
O-XYLENE							
SEC-BUTYLBENZENE							
STYRENE	5U	5U	5U				25U
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	5U	5U	5U				25U
TOLUENE	5U	5U	5U				**12J**
TOTAL XYLENES							
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	5U	5U	5U				25U
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE	5U	5U	5U				25U
TRICHLOROFLUOROMETHANE							
VINYL ACETATE	10U	10U	10U				50U
VINYL CHLORIDE	10U	10U	10U				50U
XYLENE		5U	5U				

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GW-4	GW-4	GW-4	GW-4	GW-4	GW-5	GW-5
SAMPLE	KPP-GW-11	KPT-GW-4	KPT-GW-4A DUP	GW-4	GW-4	GW-5	GW-5
DATE	12/18/1989	6/19/1991	6/19/1991	8/20/1991	8/20/1991	8/6/2002	4/2/2003
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE	5U				5U		
1,1,2,2-TETRACHLOROETHANE	5U				5U		
1,1,2-TRICHLOROETHANE	5U				5U		
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE	5U				5U		
1,1-DICHLOROETHENE	5U				5U		
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROETHANE	5U				5U		
1,2-DICHLOROETHENE	5U				5U		
1,2-DICHLOROPROPANE	5U				5U		
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROPROPANE							
2,2-DICHLOROPROPANE							
2,4-DINITROPHENOL							
2-BUTANONE	10U						
2-CHLOROETHYL VINYL ETHER							
2-CHLOROTOLUENE							
2-HEXANONE	10U				10U		
4-CHLOROTOLUENE							
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE	10U						
ACETONE	10U				10U		
ACROLEIN							
ACRYLONITRILE							
BENZENE	5U				5U		
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE	5U						
BROMOFORM	5U				5U		
BROMOMETHANE	10U						
CARBON DISULFIDE	5U				10U		
CARBON TETRACHLORIDE	5U				5U		
CHLOROBENZENE	5U				5U		
CHLOROETHANE	10U				10U		
CHLOROFORM	5U				10U		
CHLOROMETHANE (METHYL CHLORIDE)	10U				10U		
CIS-1,2-DICHLOROETHENE							
CIS-1,3-DICHLOROPROPENE	5U				5U		
DIBROMOCHLOROMETHANE	5U				5U		
DIBROMOMETHANE							
DICHLOROBROMOMETHANE					5U		
DICHLORODIFLUOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)	5U				5U		
ETHYLBENZENE	5U				5U		
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE							
M,P-XYLENES							
METHYL BROMIDE					10U		
METHYL ETHYL KETONE					10U		
METHYL IODIDE							
METHYL ISOBUTYL KETONE					10U		
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE							
NAPHTHALENE	10U	0.1U	0.2U	11U		**0.24**	0.041U
N-BUTYLBENZENE							
O-XYLENE							
SEC-BUTYLBENZENE							
STYRENE	5U				5U		
TERT-BUTYLBENZENE							
TETRACHLOROETHENE	5U				5U		
TOLUENE	5U				5U		
TOTAL XYLENES							
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE	5U				5U		
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE	5U				5U		
TRICHLOROFLUOROMETHANE							
VINYL ACETATE	10U				10U		
VINYL CHLORIDE	10U				10U		
XYLENE	5U				5U		

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5
SAMPLE	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	KPP-GW-10
DATE	10/1/2003	10/1/2003	4/7/2004	4/7/2004	10/19/2004	10/19/2004	7/9/2001	12/18/1989
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								5U
1,1,2,2-TETRACHLOROETHANE								5U
1,1,2-TRICHLOROETHANE								5U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								5U
1,1-DICHLOROETHENE								5U
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DICHLOROETHANE								5U
1,2-DICHLOROETHENE								5U
1,2-DICHLOROPROPANE								5U
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								10U
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								10U
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								10U
ACETONE								10U
ACROLEIN								
ACRYLONITRILE								
BENZENE								5U
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								5U
BROMOFORM								5U
BROMOMETHANE								10U
CARBON DISULFIDE								5U
CARBON TETRACHLORIDE								5U
CHLOROBENZENE								5U
CHLOROETHANE								10U
CHLOROFORM								5U
CHLOROMETHANE (METHYL CHLORIDE)								10U
CIS-1,2-DICHLOROETHENE								
CIS-1,3-DICHLOROPROPENE								5U
DIBROMOCHLOROMETHANE								5U
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								**3J**
ETHYLBENZENE								5U
ETHYLENE DIBROMIDE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
METHYLENE CHLORIDE								
NAPHTHALENE	10U	0.041U	10U	**0.12**	10.2U	0.041U	1U	**7J**
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								5U
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								5U
TOLUENE								5U
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								5U
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								5U
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								10U
VINYL CHLORIDE								10U
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GWRR-1	GWRR-1
SAMPLE	KPT-GW-5	GW-5	GW-5 DUP	GW-5	KPT-GW-5	GW-5	GWRR-1	GWRR-1
DATE	6/19/1991	8/20/1991	8/20/1991	4/11/1996	4/10/1996	8/20/1991	8/21/1997	2/25/1986
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE					1U		5U	
1,1,1-TRICHLOROETHANE					1U	5U	5U	
1,1,2,2-TETRACHLOROETHANE					1U	5U	5U	
1,1,2-TRICHLOROETHANE					1U	5U	5U	
1,1,2-TRICHLOROTRIFLUOROETHANE							10U	
1,1-DICHLOROETHANE					1U	5U	5U	
1,1-DICHLOROETHENE					1U	5U	5U	
1,1-DICHLOROPROPENE					1U		5U	
1,2,3-TRICHLOROBENZENE							25U	
1,2,3-TRICHLOROPROPANE					1U		5U	
1,2,4-TRIMETHYLBENZENE							**41**	
1,2-DIBROMO-3-CHLOROPROPANE							25U	
1,2-DIBROMOETHANE					1U			
1,2-DICHLOROETHANE					1U	5U	5U	
1,2-DICHLOROETHENE						5U		
1,2-DICHLOROPROPANE					1UJ	5U	5U	
1,3,5-TRIMETHYLBENZENE							**9.5**	
1,3-DICHLOROPROPANE					1UJ		5U	
2,2-DICHLOROPROPANE					1UJ		5U	
2,4-DINITROPHENOL								
2-BUTANONE							25U	
2-CHLOROETHYL VINYL ETHER					1U		25U	
2-CHLOROTOLUENE					1U		5U	
2-HEXANONE						10U	25U	
4-CHLOROTOLUENE					1U		5U	
4-ISOPROPYLTOLUENE							5U	
4-METHYL-2-PENTANONE							25U	
ACETONE						**58**	25U	
ACROLEIN							250U	
ACRYLONITRILE							25U	
BENZENE					1U	5U	5U	
BROMOBENZENE					1U		5U	
BROMOCHLOROMETHANE					1U		5U	
BROMODICHLOROMETHANE					1U		5U	
BROMOFORM					1U	5U	5U	
BROMOMETHANE					1UJ		10U	
CARBON DISULFIDE						10U	5U	
CARBON TETRACHLORIDE					1U	5U	5U	
CHLOROBENZENE					1U	5U	5U	
CHLOROETHANE					1U	10U	10U	
CHLOROFORM					1U	10U	5U	
CHLOROMETHANE (METHYL CHLORIDE)						10U		
CIS-1,2-DICHLOROETHENE					1U		5U	
CIS-1,3-DICHLOROPROPENE					1U	5U	5U	
DIBROMOCHLOROMETHANE					1U	5U	5U	
DIBROMOMETHANE					1U		5U	
DICHLOROBROMOMETHANE						5U		
DICHLORODIFLUOROMETHANE					1U			
DICHLOROMETHANE (METHYLENE CHLORIDE)						**3J**	10U	
ETHYLBENZENE					1U	5U	5U	
ETHYLENE DIBROMIDE							5U	
ISOPROPYLBENZENE							**6**	
M,P-XYLENES					**0.18J**		**32**	
METHYL BROMIDE						10U		
METHYL ETHYL KETONE					20UJ	10U		
METHYL IODIDE							5U	
METHYL ISOBUTYL KETONE						10U		
METHYL TERT-BUTYL ETHER								
METHYLENE CHLORIDE					1U			
NAPHTHALENE	1U	10U	10U	1U	10U		25U	**34J**
N-BUTYLBENZENE							5U	
O-XYLENE					**0.27J**		5U	
SEC-BUTYLBENZENE							5U	
STYRENE					1U	5U	5U	
TERT-BUTYLBENZENE							5U	
TETRACHLOROETHENE					1U	5U	5U	
TOLUENE					1U	5U	5U	
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE					1U		5U	
TRANS-1,3-DICHLOROPROPENE					1U	5U	5U	
TRANS-1,4-DICHLORO-2-BUTENE							25U	
TRICHLOROETHENE					1U	5U	5U	
TRICHLOROFLUOROMETHANE					1U		10U	
VINYL ACETATE						10U	25U	
VINYL CHLORIDE					1U	10U	10U	
XYLENE						5U		

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWRR-1	GWRR-1	GWRR-1	GWRR-1	GWRR-1	GWRR-2	GWRR-2	GWRR-2
SAMPLE	KPP-GW-7	GWRR-1	GWRR-1	RR-MW-1	KPP-GW-7	GWRR-2	GWRR-2	GWRR-2
DATE	11/15/1988	8/20/1991	4/10/1996	3/5/1986	11/15/1988	4/2/2003	10/1/2003	10/1/2003
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE			1U					
1,1,1-TRICHLOROETHANE		5U	1U		5U			
1,1,2,2-TETRACHLOROETHANE		5U	1U		**4J**			
1,1,2-TRICHLOROETHANE		5U	1U		5U			
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE		5U	1U		5U			
1,1-DICHLOROETHENE		5U	1U		5U			
1,1-DICHLOROPROPENE			1U					
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE			1U					
1,2,4-TRIMETHYLBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE			1U					
1,2-DICHLOROETHANE		5U	1U		5U			
1,2-DICHLOROETHENE		5U						
1,2-DICHLOROPROPANE		5U	1UJ		5U			
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE			1UJ					
2,2-DICHLOROPROPANE			1UJ					
2,4-DINITROPHENOL								
2-BUTANONE					10U			
2-CHLOROETHYL VINYL ETHER			1U					
2-CHLOROTOLUENE			1U					
2-HEXANONE		10U		**18.9B**	10U			
4-CHLOROTOLUENE			1U					
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE					10U			
ACETONE		10U		27.3UB	10U			
ACROLEIN								
ACRYLONITRILE								
BENZENE		5U	**2**	**5.9B**	5U			
BROMOBENZENE			1U					
BROMOCHLOROMETHANE			1U					
BROMODICHLOROMETHANE			1U		5U			
BROMOFORM		5U	1U		5U			
BROMOMETHANE			1UJ		10U			
CARBON DISULFIDE		10U			5U			
CARBON TETRACHLORIDE		5U	1U		5U			
CHLOROBENZENE		5U	1U		5U			
CHLOROETHANE		10U	1U		10U			
CHLOROFORM		10U	1U		5U			
CHLOROMETHANE (METHYL CHLORIDE)		10U						
CIS-1,2-DICHLOROETHENE			1U					
CIS-1,3-DICHLOROPROPENE		5U	1U		5U			
DIBROMOCHLOROMETHANE		5U	1U		5U			
DIBROMOMETHANE			1U					
DICHLOROBROMOMETHANE		5U						
DICHLORODIFLUOROMETHANE			1U					
DICHLOROMETHANE (METHYLENE CHLORIDE)		**3J**		23.3UB	5U			
ETHYLBENZENE		5U	**0.54J**		5U			
ETHYLENE DIBROMIDE								
ISOPROPYLBENZENE								
M,P-XYLENES			**79D**					
METHYL BROMIDE		10U						
METHYL ETHYL KETONE		10U	20UJ					
METHYL IODIDE								
METHYL ISOBUTYL KETONE		10U						
METHYL TERT-BUTYL ETHER								
METHYLENE CHLORIDE			1U					
NAPHTHALENE	**10J**	10U	**4.7J**	**34J**		0.042U	10U	**0.92**
N-BUTYLBENZENE								
O-XYLENE			1U					
SEC-BUTYLBENZENE								
STYRENE		5U	1U		5U			
TERT-BUTYLBENZENE								
TETRACHLOROETHENE		5U	1U		5U			
TOLUENE		5U	1U		5U			
TOTAL XYLENES				**330.9**				
TRANS-1,2-DICHLOROETHENE			1U					
TRANS-1,3-DICHLOROPROPENE		5U	1U		5U			
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE		5U	1U		5U			
TRICHLOROFLUOROMETHANE			1U					
VINYL ACETATE		10U			10U			
VINYL CHLORIDE		10U	1U		10U			
XYLENE		5U						

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2
SAMPLE	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-2-DUP	KPP-GW-6	GWRR-2	GWRR-2
DATE	4/7/2004	4/7/2004	7/10/2001	2/25/1986	2/25/1986	11/15/1988	8/20/1991	4/10/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								1U
1,1,1-TRICHLOROETHANE								1U
1,1,2,2-TETRACHLOROETHANE								1U
1,1,2-TRICHLOROETHANE								1U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								1U
1,1-DICHLOROETHENE								1U
1,1-DICHLOROPROPENE								1U
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								1U
1,2,4-TRIMETHYLBENZENE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								1U
1,2-DICHLOROETHANE								1U
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								1UJ
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								1UJ
2,2-DICHLOROPROPANE								1UJ
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								1U
2-CHLOROTOLUENE								1U
2-HEXANONE								
4-CHLOROTOLUENE								1U
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE			1U					1U
BROMOBENZENE								1U
BROMOCHLOROMETHANE								1U
BROMODICHLOROMETHANE								1U
BROMOFORM								1U
BROMOMETHANE								1UJ
CARBON DISULFIDE								
CARBON TETRACHLORIDE								1U
CHLOROBENZENE								1U
CHLOROETHANE								1U
CHLOROFORM								1U
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								1U
CIS-1,3-DICHLOROPROPENE								1U
DIBROMOCHLOROMETHANE								1U
DIBROMOMETHANE								1U
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								1U
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE			**7.6**					
ETHYLENE DIBROMIDE								
ISOPROPYLBENZENE								
M,P-XYLENES			**9.5**					
METHYL BROMIDE								
METHYL ETHYL KETONE								20UJ
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER			1.5U					
METHYLENE CHLORIDE								1U
NAPHTHALENE	10U	**2.5**	**1.3**	**20**	**19**	250U	10U	10U
N-BUTYLBENZENE								
O-XYLENE			**3**					**0.42J**
SEC-BUTYLBENZENE								
STYRENE								1U
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								**0.13J**
TOLUENE			1U					1U
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								1U
TRANS-1,3-DICHLOROPROPENE								1U
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								1U
TRICHLOROFLUOROMETHANE								1U
VINYL ACETATE								
VINYL CHLORIDE								1U
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWRR-2	GWRR-2	GWRR-2	GWRR-2	GWRR-3	GWRR-3	GWRR-3	GWRR-3
SAMPLE	RR-MW-2	RR-MW-4	KPP-GW-6	GWRR-2	GWRR-3	GWRR-3	GWRR-3	RR-MW-3
DATE	3/5/1986	3/5/1986	11/15/1988	8/20/1991	8/21/1997	8/20/1991	4/10/1996	3/5/1986
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE					3U		1U	
1,1,1-TRICHLOROETHANE	**0.9J**		5U	25U	3U	25U	1U	
1,1,2,2-TETRACHLOROETHANE			5U	25U	3U	25U	1U	
1,1,2-TRICHLOROETHANE			5U	25U	3U	25U	1U	
1,1,2-TRICHLOROTRIFLUOROETHANE					6U			
1,1-DICHLOROETHANE			5U	25U	3U	25U	1U	
1,1-DICHLOROETHENE			5U	25U	3U	25U	1U	
1,1-DICHLOROPROPENE					3U		1U	
1,2,3-TRICHLOROBENZENE					15U			
1,2,3-TRICHLOROPROPANE					3U		1U	
1,2,4-TRIMETHYLBENZENE					3U			
1,2-DIBROMO-3-CHLOROPROPANE					15U			
1,2-DIBROMOETHANE							1U	
1,2-DICHLOROETHANE			5U	25U	3U	25U	1U	
1,2-DICHLOROETHENE						25U		
1,2-DICHLOROPROPANE			5U	25U	3U	25U	1UJ	
1,3,5-TRIMETHYLBENZENE					3U			
1,3-DICHLOROPROPANE					3U		1UJ	
2,2-DICHLOROPROPANE					3U		1UJ	
2,4-DINITROPHENOL								
2-BUTANONE			10U		15U			
2-CHLOROETHYL VINYL ETHER					15U		1U	
2-CHLOROTOLUENE					3U		1U	
2-HEXANONE			10U	50U	15U	50U		
4-CHLOROTOLUENE					3U		1U	
4-ISOPROPYLTOLUENE					3U			
4-METHYL-2-PENTANONE			10U		15U			
ACETONE	17UB	25UB	10U	50U	**15**	50U		12UB
ACROLEIN					150U			
ACRYLONITRILE					15U			
BENZENE	**1.6JB**	**1.6JB**	5U	25U	3U	25U	**0.64J**	**2.6JB**
BROMOBENZENE					3U		1U	
BROMOCHLOROMETHANE					3U		1U	
BROMODICHLOROMETHANE			5U		3U		1U	
BROMOFORM			5U	25U	3U	25U	1U	
BROMOMETHANE			10U		6U		1UJ	
CARBON DISULFIDE	**0.8J**		5U	50U	3U	50U		**0.9J**
CARBON TETRACHLORIDE			5U	25U	3U	25U	1U	
CHLOROBENZENE			5U	25U	3U	25U	1U	
CHLOROETHANE			10U	50U	6U	50U	1U	
CHLOROFORM			5U	50U	3U	50U	1U	**0.6J**
CHLOROMETHANE (METHYL CHLORIDE)					6U	50U		
CIS-1,2-DICHLOROETHENE					3U		1U	
CIS-1,3-DICHLOROPROPENE			5U	25U	3U	25U	1U	
DIBROMOCHLOROMETHANE			5U	25U	3U	25U	1U	
DIBROMOMETHANE					3U		1U	
DICHLOROBROMOMETHANE				25U		25U		
DICHLORODIFLUOROMETHANE							1U	
DICHLOROMETHANE (METHYLENE CHLORIDE)	9.9UB	7UB	5U	25U	6U	25U		5.9UB
ETHYLBENZENE	**27**	**28**	**11**	25U	3U	25U	1U	
ETHYLENE DIBROMIDE					3U			
ISOPROPYLBENZENE					3U			
M,P-XYLENES					3U		**0.19J**	
METHYL BROMIDE				50U		50U		
METHYL ETHYL KETONE				50U		50U	**4.4J**	
METHYL IODIDE					3U			
METHYL ISOBUTYL KETONE				50U		50U		
METHYL TERT-BUTYL ETHER								
METHYLENE CHLORIDE							1U	
NAPHTHALENE	**20**	**19**			15U	10U	10U	
N-BUTYLBENZENE					3U			
O-XYLENE					3U		**0.25J**	
SEC-BUTYLBENZENE					3U			
STYRENE			5U	25U	3U	25U	1U	
TERT-BUTYLBENZENE					3U			
TETRACHLOROETHENE			5U	25U	3U	25U	1U	
TOLUENE			5U	25U	3U	25U	**0.14J**	
TOTAL XYLENES	**192**	**180**						
TRANS-1,2-DICHLOROETHENE					3U		1U	
TRANS-1,3-DICHLOROPROPENE			5U	25U	3U	25U	1U	
TRANS-1,4-DICHLORO-2-BUTENE					15U			
TRICHLOROETHENE			5U	25U	3U	25U	1U	
TRICHLOROFLUOROMETHANE					6U		1U	
VINYL ACETATE			10U	50U	15U	50U		
VINYL CHLORIDE			10U	50U	6U	50U	1U	
XYLENE						25U		

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWRR-4	GWRR-4	GWRR-5	GWRR-6	GWRR-7	GWRR-7	GWRR-7
SAMPLE	GWRR-4	GWRR-4	GWRR-5	GWRR-6	GWRR-7	GWRR-7-DUP	GWRR-7
DATE	7/10/2001	4/10/1996	4/10/1996	4/10/1996	8/21/1997	4/10/1996	4/10/1996
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE		1U	1U	1U	3U		1U
1,1,1-TRICHLOROETHANE		1U	1U	1U	3U		1U
1,1,2,2-TETRACHLOROETHANE		1U	1U	1U	3U		1U
1,1,2-TRICHLOROETHANE		1U	1U	1U	3U		1U
1,1,2-TRICHLOROTRIFLUOROETHANE					6U		
1,1-DICHLOROETHANE		1U	1U	1U	3U		1U
1,1-DICHLOROETHENE		1U	1U	1U	3U		1U
1,1-DICHLOROPROPENE		1U	1U	1U	3U		1U
1,2,3-TRICHLOROBENZENE					15U		
1,2,3-TRICHLOROPROPANE		1U	1U	1U	3U		1U
1,2,4-TRIMETHYLBENZENE					**80**		
1,2-DIBROMO-3-CHLOROPROPANE					15U		
1,2-DIBROMOETHANE		1U	1U	1U			1U
1,2-DICHLOROETHANE		1U	1U	1U	3U		1U
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE		1UJ	1UJ	1UJ	3U		1UJ
1,3,5-TRIMETHYLBENZENE					**15**		
1,3-DICHLOROPROPANE		1UJ	1UJ	1UJ	3U		1UJ
2,2-DICHLOROPROPANE		1UJ	1UJ	1UJ	3U		1UJ
2,4-DINITROPHENOL							
2-BUTANONE					15U		
2-CHLOROETHYL VINYL ETHER		1U	1U	1U	15U		1U
2-CHLOROTOLUENE		1U	1U	1U	3U		1U
2-HEXANONE					15U		
4-CHLOROTOLUENE		1U	1U	1U	3U		1U
4-ISOPROPYLTOLUENE					**3.8**		
4-METHYL-2-PENTANONE					15U		
ACETONE					**24**		
ACROLEIN					150U		
ACRYLONITRILE					15U		
BENZENE		1U	**0.68J**	1U	3U	**0.58J**	**0.58J**
BROMOBENZENE		1U	1U	1U	3U		1U
BROMOCHLOROMETHANE		1U	1U	1U	3U		1U
BROMODICHLOROMETHANE		1U	1U	1U	3U		1U
BROMOFORM		1U	1U	1U	3U		1U
BROMOMETHANE		1UJ	1UJ	1UJ	6U		1UJ
CARBON DISULFIDE					3U		
CARBON TETRACHLORIDE		1U	1U	1U	3U		1U
CHLOROBENZENE		1U	1U	1U	3U		1U
CHLOROETHANE		1U	1U	1U	6U		1U
CHLOROFORM		1U	1U	1U	3U		1U
CHLOROMETHANE (METHYL CHLORIDE)					6U		
CIS-1,2-DICHLOROETHENE		1U	1U	1U	3U		1U
CIS-1,3-DICHLOROPROPENE		1U	1U	1U	3U		1U
DIBROMOCHLOROMETHANE		1U	1U	1U	3U		1U
DIBROMOMETHANE		1U	1U	1U	3U		1U
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE		1U	1U	1U			1U
DICHLOROMETHANE (METHYLENE CHLORIDE)					6U		
ETHYLBENZENE		1U	**2.1**	1U	**9.9**		**16**
ETHYLENE DIBROMIDE					3U		
ISOPROPYLBENZENE					**4.6**		
M,P-XYLENES		1U	**62D**	1U	**13**		**10**
METHYL BROMIDE							
METHYL ETHYL KETONE		20UJ	20UJ	20UJ		**9.3J**	**9.6J**
METHYL IODIDE					3U		
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE		1U	1U	1U		1U	1U
NAPHTHALENE	1U	10U	**12**	20U	15U	10U	10U
N-BUTYLBENZENE					**5.1**		
O-XYLENE		1U	**0.29J**	1U	3U		**2.1**
SEC-BUTYLBENZENE					3U		
STYRENE		1U	1U	1U	3U		1U
TERT-BUTYLBENZENE					3U		
TETRACHLOROETHENE		1U	1U	1U	3U	1U	1U
TOLUENE		1U	1U	1U	3U	**0.6J**	**0.58J**
TOTAL XYLENES							
TRANS-1,2-DICHLOROETHENE		1U	1U	1U	3U		1U
TRANS-1,3-DICHLOROPROPENE		1U	1U	1U	3U		1U
TRANS-1,4-DICHLORO-2-BUTENE					15U		
TRICHLOROETHENE		1U	1U	1U	3U		1U
TRICHLOROFLUOROMETHANE		1U	1U	1U	6U		1U
VINYL ACETATE					15U		
VINYL CHLORIDE		1U	1U	1U	6U		1U
XYLENE							

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWRR-8	GWRR-8	GWRR-9	GWRR-9	GWY-1	GWY-1	GWY-10
SAMPLE	MCW-0402-2	MCW-0402-3 DUP	MCW-0402-1	GWRR-9	MW-1	HB095	GWY-10
DATE	4/24/2002	4/24/2002	4/24/2002	4/10/1996	9/25/1985	3/5/1986	7/10/2001
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE				1U			
1,1,1-TRICHLOROETHANE				1U		5U	
1,1,2,2-TETRACHLOROETHANE				1U		5U	
1,1,2-TRICHLOROETHANE				1U		5U	
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE				1U		5U	
1,1-DICHLOROETHENE				1U		5U	
1,1-DICHLOROPROPENE				1U			
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE				1U			
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE				1U			
1,2-DICHLOROETHANE				1U		5U	
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE				1UJ		5U	
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROPROPANE				1UJ			
2,2-DICHLOROPROPANE				1UJ			
2,4-DINITROPHENOL							
2-BUTANONE						**10J**	
2-CHLOROETHYL VINYL ETHER				1U			
2-CHLOROTOLUENE				1U			
2-HEXANONE						10UJ	
4-CHLOROTOLUENE				1U			
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE						10UJ	
ACETONE						**27J**	
ACROLEIN							
ACRYLONITRILE							
BENZENE	0.5U	0.5U	1U	**0.58J**		5U	
BROMOBENZENE				1U			
BROMOCHLOROMETHANE				1U			
BROMODICHLOROMETHANE				1U		5U	
BROMOFORM				1U		5U	
BROMOMETHANE				1UJ		10U	
CARBON DISULFIDE						5U	
CARBON TETRACHLORIDE				1U		5U	
CHLOROBENZENE				1U		5U	
CHLOROETHANE				1U		10U	
CHLOROFORM				1U		5U	
CHLOROMETHANE (METHYL CHLORIDE)						10U	
CIS-1,2-DICHLOROETHENE				1U			
CIS-1,3-DICHLOROPROPENE				1U		5UJ	
DIBROMOCHLOROMETHANE				1U		5U	
DIBROMOMETHANE				1U			
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE				1U			
DICHLOROMETHANE (METHYLENE CHLORIDE)						5U	
ETHYLBENZENE	0.5U	0.5U	**14**	**16**		5U	
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE							
M,P-XYLENES	0.5U	0.5U	**68**	**11**			
METHYL BROMIDE							
METHYL ETHYL KETONE				**9.3J**			
METHYL IODIDE							
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER	1U	1U	2U				
METHYLENE CHLORIDE				1U			
NAPHTHALENE	1U	1U	**7.6**	10U	1U	100U	1U
N-BUTYLBENZENE							
O-XYLENE	0.5U	0.5U	**2.6**	**2.1**			
SEC-BUTYLBENZENE							
STYRENE				1U		5U	
TERT-BUTYLBENZENE							
TETRACHLOROETHENE				1U		5U	
TOLUENE	0.5U	0.5U	**1.4**	**0.6J**		**2J**	
TOTAL XYLENES	0.5U	0.5U	**71**			**23**	
TRANS-1,2-DICHLOROETHENE				1U		5U	
TRANS-1,3-DICHLOROPROPENE				1U		5U	
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE				1U		5U	
TRICHLOROFLUOROMETHANE				1U			
VINYL ACETATE							
VINYL CHLORIDE				1U		10U	
XYLENE							

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-10	GWY-10	GWY-10	GWY-10	GWY-10	GWY-11	GWY-11	GWY-11
SAMPLE	EXK-0502-102	MW-10	MW-10	MW-10	GWY-10	MW-11	MW-11	MW-11
DATE	5/8/2002	8/7/1995	10/23/1995	4/24/1995	8/20/1991	8/7/1995	10/23/1995	4/24/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE				1U				1U
1,1,1-TRICHLOROETHANE				1U	5U			1U
1,1,2,2-TETRACHLOROETHANE				1U	5U			1U
1,1,2-TRICHLOROETHANE				1U	5U			1U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE				1U	5U			1U
1,1-DICHLOROETHENE				1U	5U			1U
1,1-DICHLOROPROPENE				1U				1U
1,2,3-TRICHLOROBENZENE				1U				1U
1,2,3-TRICHLOROPROPANE				1U				1U
1,2,4-TRIMETHYLBENZENE				1U				1U
1,2-DIBROMO-3-CHLOROPROPANE				1U				1U
1,2-DIBROMOETHANE				1U				1U
1,2-DICHLOROETHANE				1U	5U			1U
1,2-DICHLOROETHENE					5U			
1,2-DICHLOROPROPANE				1U	5U			1U
1,3,5-TRIMETHYLBENZENE				1U				1U
1,3-DICHLOROPROPANE				1U				1U
2,2-DICHLOROPROPANE				1U				1U
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE				1U				1U
2-HEXANONE					10U			
4-CHLOROTOLUENE				1U				1U
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE					10U			
ACROLEIN								
ACRYLONITRILE								
BENZENE	1U	0.5U	0.5U	1U	5U	**0.84**	0.5U	1U
BROMOBENZENE				1U				1U
BROMOCHLOROMETHANE				1U				1U
BROMODICHLOROMETHANE				1U				1U
BROMOFORM				1U	5U			1U
BROMOMETHANE				1U				1U
CARBON DISULFIDE					10U			
CARBON TETRACHLORIDE				1U	5U			1U
CHLOROBENZENE				1U	5U			1U
CHLOROETHANE				1U	10U			1U
CHLOROFORM				1U	10U			1U
CHLOROMETHANE (METHYL CHLORIDE)				1U	10U			1U
CIS-1,2-DICHLOROETHENE				1U				1U
CIS-1,3-DICHLOROPROPENE					5U			
DIBROMOCHLOROMETHANE				1U	5U			1U
DIBROMOMETHANE				1U				1U
DICHLOROBROMOMETHANE					5U			
DICHLORODIFLUOROMETHANE				1U				1U
DICHLOROMETHANE (METHYLENE CHLORIDE)				5U	5U			5U
ETHYLBENZENE	1U	0.5U	0.5U	1U	5U	0.5U	0.5U	1U
ETHYLENE DIBROMIDE								
ISOPROPYLBENZENE				1U				1U
M,P-XYLENES	1U			1U				1U
METHYL BROMIDE					10U			
METHYL ETHYL KETONE					10U			
METHYL IODIDE								
METHYL ISOBUTYL KETONE					10U			
METHYL TERT-BUTYL ETHER	1U							
METHYLENE CHLORIDE								
NAPHTHALENE	66.7U	10U		1U	10U	10U		1U
N-BUTYLBENZENE				1U				1U
O-XYLENE	1U			1U				1U
SEC-BUTYLBENZENE				1U				1U
STYRENE				1U	5U			1U
TERT-BUTYLBENZENE				1U				1U
TETRACHLOROETHENE				1U	5U			1U
TOLUENE	1U	0.5U	0.5U	1U	5U	**2.2**	0.5U	1U
TOTAL XYLENES		1U	1U			**1.5**	1U	
TRANS-1,2-DICHLOROETHENE				1U				1U
TRANS-1,3-DICHLOROPROPENE					5U			
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE				1U	5U			1U
TRICHLOROFLUOROMETHANE				1U				1U
VINYL ACETATE					10U			
VINYL CHLORIDE				1U	10U			1U
XYLENE					5U			

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12
SAMPLE	GWY-12	EXK-0502-103	MW-12	MW-12	MW-12	GW-8	MW-12	HB078
DATE	7/10/2001	5/8/2002	8/7/1995	4/24/1995	10/23/1995	11/19/1988	9/25/1985	3/5/1986
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE				1U				
1,1,1-TRICHLOROETHANE						5U		5U
1,1,2,2-TETRACHLOROETHANE				1U		5U		5U
1,1,2-TRICHLOROETHANE						5U		5U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE				1U		5U		5U
1,1-DICHLOROETHENE				1U		5U		5U
1,1-DICHLOROPROPENE				1U				
1,2,3-TRICHLOROBENZENE				1U				
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE				1U				
1,2-DIBROMO-3-CHLOROPROPANE				1U				
1,2-DIBROMOETHANE				1U				
1,2-DICHLOROETHANE				1U		5U		5U
1,2-DICHLOROETHENE						5U		
1,2-DICHLOROPROPANE				1U		5U		5U
1,3,5-TRIMETHYLBENZENE				1U				
1,3-DICHLOROPROPANE				1U				
2,2-DICHLOROPROPANE				1U				
2,4-DINITROPHENOL								
2-BUTANONE						25U		
2-CHLOROETHYL VINYL ETHER						10U		
2-CHLOROTOLUENE				1U				
2-HEXANONE						10U		**2JB**
4-CHLOROTOLUENE				1U				
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE						10U		10U
ACETONE						25U		10UJ
ACROLEIN								
ACRYLONITRILE								
BENZENE		1U	0.5U	1U	0.5U	5U		5U
BROMOBENZENE				1U				
BROMOCHLOROMETHANE				1U				
BROMODICHLOROMETHANE				1U		5U		5U
BROMOFORM				1U		5U		5U
BROMOMETHANE				1U		10U		10U
CARBON DISULFIDE						5U		5U
CARBON TETRACHLORIDE				1U		5U		5U
CHLOROBENZENE				1U		5U		5U
CHLOROETHANE				1U		10U		10U
CHLOROFORM						5U		5U
CHLOROMETHANE (METHYL CHLORIDE)						10U		10U
CIS-1,2-DICHLOROETHENE				1U				
CIS-1,3-DICHLOROPROPENE						5U		5U
DIBROMOCHLOROMETHANE				1U		5U		5U
DIBROMOMETHANE				1U				
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE				1U				
DICHLOROMETHANE (METHYLENE CHLORIDE)				5U		25U		**3JB**
ETHYLBENZENE		1U	0.5U	1U	0.5U	5U		5U
ETHYLENE DIBROMIDE								
ISOPROPYLBENZENE				1U				
M,P-XYLENES		1U		1U				
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER		1U						
METHYLENE CHLORIDE								
NAPHTHALENE	1U	1U	10U	1U			1U	40U
N-BUTYLBENZENE				1U				
O-XYLENE		1U		1U				
SEC-BUTYLBENZENE				1U				
STYRENE				1U		5U		5U
TERT-BUTYLBENZENE				1U				
TETRACHLOROETHENE				1U		5U		5U
TOLUENE		1U	0.5U	1U	0.5U	5U		**9**
TOTAL XYLENES			1U		1U	5U		5U
TRANS-1,2-DICHLOROETHENE				1U				5U
TRANS-1,3-DICHLOROPROPENE						5U		5U
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE						5U		5U
TRICHLOROFLUOROMETHANE								
VINYL ACETATE						10U		
VINYL CHLORIDE				1U		10U		10U
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-12	GWY-12	GWY-12	GWY-12	GWY-12	GWY-13	GWY-13
SAMPLE	KPP-GW-8	KPP-GW-12	GWY-12	GWY-12	KPP-GW-8	EXK-0502-104	MW-13
DATE	11/16/1988	12/16/1989	8/20/1991	4/10/1996	11/15/1988	5/8/2002	7/14/1998
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE				1U			
1,1,1-TRICHLOROETHANE		5U	5U	1U	5U		
1,1,2,2-TETRACHLOROETHANE		5U	5U	1U	5U		
1,1,2-TRICHLOROETHANE		5U	5U	1U	5U		
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE		5U	5U	1U	5U		
1,1-DICHLOROETHENE		5U	5U	1U	5U		
1,1-DICHLOROPROPENE				1U			
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE				1U			
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE				1U			
1,2-DICHLOROETHANE		5U	5U	1U	5U		
1,2-DICHLOROETHENE		5U	5U				
1,2-DICHLOROPROPANE		5U	5U	1UJ	5U		
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROPROPANE				1UJ			
2,2-DICHLOROPROPANE				1UJ			
2,4-DINITROPHENOL							
2-BUTANONE		10U		20UJ	10U		
2-CHLOROETHYL VINYL ETHER				1U			
2-CHLOROTOLUENE				1U			
2-HEXANONE		10U	10U		10U		
4-CHLOROTOLUENE				1U			
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE		10U			10U		
ACETONE		10U	10U		10U		
ACROLEIN							
ACRYLONITRILE							
BENZENE		5U	5U	1U	5U	1U	2.5U
BROMOBENZENE				1U			
BROMOCHLOROMETHANE				1U			
BROMODICHLOROMETHANE		5U		1U	5U		
BROMOFORM		5U	5U	1U	5U		
BROMOMETHANE		10U		1UJ	10U		
CARBON DISULFIDE		5U	10U		5U		
CARBON TETRACHLORIDE		5U	5U	1U	5U		
CHLOROBENZENE		5U	5U	1U	5U		
CHLOROETHANE		10U	10U	1U	10U		
CHLOROFORM		5U	10U	1U	5U		
CHLOROMETHANE (METHYL CHLORIDE)		10U	10U				
CIS-1,2-DICHLOROETHENE				1U			
CIS-1,3-DICHLOROPROPENE		5U	5U	1U	5U		
DIBROMOCHLOROMETHANE		5U	5U	1U	5U		
DIBROMOMETHANE				1U			
DICHLOROBROMOMETHANE			5U				
DICHLORODIFLUOROMETHANE				1U			
DICHLOROMETHANE (METHYLENE CHLORIDE)		5U	5U		5U		
ETHYLBENZENE		5U	5U	1U	5U	1U	2.5U
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE							
M,P-XYLENES				1U		1U	
METHYL BROMIDE			10U				
METHYL ETHYL KETONE			10U	20UJ			
METHYL IODIDE							
METHYL ISOBUTYL KETONE			10U				
METHYL TERT-BUTYL ETHER						1U	
METHYLENE CHLORIDE				1U			
NAPHTHALENE	50U	10U	11U	10U		**9.7**	
N-BUTYLBENZENE							
O-XYLENE				1U		1U	
SEC-BUTYLBENZENE							
STYRENE		5U	5U	1U	5U		
TERT-BUTYLBENZENE							
TETRACHLOROETHENE		5U	5U	1U	5U		
TOLUENE		5U	5U	1U	5U	1U	2.5U
TOTAL XYLENES							5.5U
TRANS-1,2-DICHLOROETHENE				1U			
TRANS-1,3-DICHLOROPROPENE		5U	5U	1U	5U		
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE		5U	5U	1U	5U		
TRICHLOROFLUOROMETHANE				1U			
VINYL ACETATE		10U	10U		10U		
VINYL CHLORIDE		10U	10U	1U	10U		
XYLENE		5U	5U				

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-13	GWY-13	GWY-13	GWY-13	GWY-13	GWY-13	GWY-14
SAMPLE	MW-13	MW-13	MW-13	MW-13	KPP-GW-13	MW-13	GWY-14
DATE	8/7/1995	10/23/1995	9/25/1985	4/24/1995	12/16/1989	11/29/2000	7/10/2001
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE				1U			
1,1,1-TRICHLOROETHANE				1U	5U		
1,1,2,2-TETRACHLOROETHANE				1U	5U		
1,1,2-TRICHLOROETHANE				1U	5U		
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE				1U	5U		
1,1-DICHLOROETHENE				1U	5U		
1,1-DICHLOROPROPENE				1U			
1,2,3-TRICHLOROBENZENE				1U			
1,2,3-TRICHLOROPROPANE				1U			
1,2,4-TRIMETHYLBENZENE				5U			
1,2-DIBROMO-3-CHLOROPROPANE				1U			
1,2-DIBROMOETHANE				1U			
1,2-DICHLOROETHANE				1U	5U		
1,2-DICHLOROETHENE					5U		
1,2-DICHLOROPROPANE				1U	5U		
1,3,5-TRIMETHYLBENZENE				1U			
1,3-DICHLOROPROPANE				1U			
2,2-DICHLOROPROPANE				1U			
2,4-DINITROPHENOL							
2-BUTANONE					10U		
2-CHLOROETHYL VINYL ETHER							
2-CHLOROTOLUENE				1U			
2-HEXANONE					10U		
4-CHLOROTOLUENE				1U			
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE					10U		
ACETONE					**19**		
ACROLEIN							
ACRYLONITRILE							
BENZENE	0.5U	0.5U		1U	5U		1U
BROMOBENZENE				1U			
BROMOCHLOROMETHANE				1U			
BROMODICHLOROMETHANE				1U	5U		
BROMOFORM				1U	5U		
BROMOMETHANE				1U	10U		
CARBON DISULFIDE					5U		
CARBON TETRACHLORIDE				1U	5U		
CHLOROBENZENE				1U	5U		
CHLOROETHANE				1U	10U		
CHLOROFORM				1U	5U		
CHLOROMETHANE (METHYL CHLORIDE)				1U	10U		
CIS-1,2-DICHLOROETHENE				1U			
CIS-1,3-DICHLOROPROPENE					5U		
DIBROMOCHLOROMETHANE				1U	5U		
DIBROMOMETHANE				1U			
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE				1U			
DICHLOROMETHANE (METHYLENE CHLORIDE)				5U	**7**		
ETHYLBENZENE	**0.6**	0.5U		1U	5U	0.2U	1U
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE				1U			
M,P-XYLENES				1U			1U
METHYL BROMIDE							
METHYL ETHYL KETONE							
METHYL IODIDE							
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER							1.5U
METHYLENE CHLORIDE							
NAPHTHALENE	20U		**4**	1U	200U	4.1U	1U
N-BUTYLBENZENE				1U			
O-XYLENE				1U			1U
SEC-BUTYLBENZENE				1U			
STYRENE				1U	5U		
TERT-BUTYLBENZENE				1U			
TETRACHLOROETHENE				1U	5U		
TOLUENE	**0.66**	0.5U		1U	5U		1U
TOTAL XYLENES	**2.4**	1U				3.3U	
TRANS-1,2-DICHLOROETHENE				1U			
TRANS-1,3-DICHLOROPROPENE					5U		
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE				1U	5U		
TRICHLOROFLUOROMETHANE				1U			
VINYL ACETATE					10U		
VINYL CHLORIDE				1U	10U		
XYLENE							

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-14	GWY-14	GWY-14	GWY-14	GWY-14	GWY-14	GWY-14
SAMPLE	EXK-0502-101	MW-14	MW-14	MW-14	MW-14	MW-14	KPP-GW-14
DATE	5/8/2002	7/14/1998	8/7/1995	10/23/1995	9/25/1985	4/24/1995	12/16/1989
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE						1U	
1,1,1-TRICHLOROETHANE						1U	5U
1,1,2,2-TETRACHLOROETHANE						1U	5U
1,1,2-TRICHLOROETHANE						1U	5U
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE						1U	5U
1,1-DICHLOROETHENE						1U	5U
1,1-DICHLOROPROPENE						1U	
1,2,3-TRICHLOROBENZENE						1U	
1,2,3-TRICHLOROPROPANE						1U	
1,2,4-TRIMETHYLBENZENE						1U	
1,2-DIBROMO-3-CHLOROPROPANE						1U	
1,2-DIBROMOETHANE						1U	
1,2-DICHLOROETHANE						1U	5U
1,2-DICHLOROETHENE							5U
1,2-DICHLOROPROPANE						1U	5U
1,3,5-TRIMETHYLBENZENE						1U	
1,3-DICHLOROPROPANE						1U	
2,2-DICHLOROPROPANE						1U	
2,4-DINITROPHENOL							
2-BUTANONE							10U
2-CHLOROETHYL VINYL ETHER							
2-CHLOROTOLUENE						1U	
2-HEXANONE							10U
4-CHLOROTOLUENE						1U	
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE							10U
ACETONE							10U
ACROLEIN							
ACRYLONITRILE							
BENZENE	1U	0.5U	0.5U	0.5U		1U	5U
BROMOBENZENE						1U	
BROMOCHLOROMETHANE						1U	
BROMODICHLOROMETHANE						1U	5U
BROMOFORM						1U	5U
BROMOMETHANE						1U	10U
CARBON DISULFIDE							5U
CARBON TETRACHLORIDE						1U	5U
CHLOROBENZENE						1U	5U
CHLOROETHANE						1U	10U
CHLOROFORM						1U	5U
CHLOROMETHANE (METHYL CHLORIDE)						1U	10U
CIS-1,2-DICHLOROETHENE						1U	
CIS-1,3-DICHLOROPROPENE							5U
DIBROMOCHLOROMETHANE						1U	5U
DIBROMOMETHANE						1U	
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE						1U	
DICHLOROMETHANE (METHYLENE CHLORIDE)						5U	**26**
ETHYLBENZENE	1U	0.5U	0.5U	0.5U		1U	5U
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE						1U	
M,P-XYLENES	1U					1U	
METHYL BROMIDE							
METHYL ETHYL KETONE							
METHYL IODIDE							
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER	1U						
METHYLENE CHLORIDE							
NAPHTHALENE	1U		10U		1U	1U	10U
N-BUTYLBENZENE						1U	
O-XYLENE	1U					1U	
SEC-BUTYLBENZENE						1U	
STYRENE						1U	5U
TERT-BUTYLBENZENE						1U	
TETRACHLOROETHENE						1U	5U
TOLUENE	1U	0.5U	0.5U	0.5U		1U	5U
TOTAL XYLENES		1U	1U	1U			
TRANS-1,2-DICHLOROETHENE						1U	
TRANS-1,3-DICHLOROPROPENE							5U
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE						1U	5U
TRICHLOROFLUOROMETHANE						1U	
VINYL ACETATE							10U
VINYL CHLORIDE						1U	10U
XYLENE							5U

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-14	GWY-14	GWY-14	GWY-3	GWY-3	GWY-3	GWY-3	GWY-3
SAMPLE	GWY-14	MW-14-A	GWY-14	EXK-0502-100	MW-3	MW-3	MW-3	HB094
DATE	8/20/1991	6/24/1992	8/20/1991	5/8/2002	8/7/1995	10/23/1995	4/24/1995	3/5/1986
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE							1U	
1,1,1-TRICHLOROETHANE			5U				1U	5U
1,1,2,2-TETRACHLOROETHANE			5U				1U	5U
1,1,2-TRICHLOROETHANE			5U				1U	5U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE			5U				1U	5U
1,1-DICHLOROETHENE			5U				1U	5U
1,1-DICHLOROPROPENE							1U	
1,2,3-TRICHLOROBENZENE							1U	
1,2,3-TRICHLOROPROPANE							1U	
1,2,4-TRIMETHYLBENZENE							1U	
1,2-DIBROMO-3-CHLOROPROPANE							1U	
1,2-DIBROMOETHANE							1U	
1,2-DICHLOROETHANE			5U				1U	5U
1,2-DICHLOROETHENE			5U					
1,2-DICHLOROPROPANE			5U				1U	5U
1,3,5-TRIMETHYLBENZENE							1U	
1,3-DICHLOROPROPANE							1U	
2,2-DICHLOROPROPANE							1U	
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								10UJ
2-CHLOROTOLUENE							1U	
2-HEXANONE			10U					10UJ
4-CHLOROTOLUENE							1U	
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								10UJ
ACETONE			10U					10UJ
ACROLEIN								
ACRYLONITRILE								
BENZENE			5U	1U	0.5U	0.5U	1U	5U
BROMOBENZENE							1U	
BROMOCHLOROMETHANE							1U	
BROMODICHLOROMETHANE							1U	5U
BROMOFORM			5U				1U	5U
BROMOMETHANE							1U	10U
CARBON DISULFIDE			10U					5U
CARBON TETRACHLORIDE			5U				1U	5U
CHLOROBENZENE			5U				1U	5U
CHLOROETHANE			10U				1U	10U
CHLOROFORM			10U				1U	5U
CHLOROMETHANE (METHYL CHLORIDE)			10U				1U	10U
CIS-1,2-DICHLOROETHENE							1U	
CIS-1,3-DICHLOROPROPENE			5U					5UJ
DIBROMOCHLOROMETHANE			5U				1U	5U
DIBROMOMETHANE							1U	
DICHLOROBROMOMETHANE			5U					
DICHLORODIFLUOROMETHANE							1U	
DICHLOROMETHANE (METHYLENE CHLORIDE)			5U				5U	**2JB**
ETHYLBENZENE			5U	1U	0.5U	0.5U	1U	5U
ETHYLENE DIBROMIDE								
ISOPROPYLBENZENE							1U	
M,P-XYLENES				1U			1U	
METHYL BROMIDE			10U					
METHYL ETHYL KETONE			10U					
METHYL IODIDE								
METHYL ISOBUTYL KETONE			10U					
METHYL TERT-BUTYL ETHER				1U				
METHYLENE CHLORIDE								
NAPHTHALENE	11U	1U		1U	10U		10U	10U
N-BUTYLBENZENE							1U	
O-XYLENE				1U			1U	
SEC-BUTYLBENZENE							1U	
STYRENE			5U				1U	5U
TERT-BUTYLBENZENE							1U	
TETRACHLOROETHENE			5U				1U	5U
TOLUENE			5U	**1.2**	0.5U	0.5U	1U	**4J**
TOTAL XYLENES					1U	1U		5U
TRANS-1,2-DICHLOROETHENE							1U	5U
TRANS-1,3-DICHLOROPROPENE			5U					5U
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE			5U				1U	5U
TRICHLOROFLUOROMETHANE							1U	
VINYL ACETATE			10U					
VINYL CHLORIDE			10U				1U	10U
XYLENE			5U					

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4
SAMPLE	GWY-4	EXK-0502-105	EXK-0502-106	MW-4	MW-4	MW-4	MW-4
DATE	7/10/2001	5/8/2002	5/8/2002	7/14/1998	8/7/1995	10/23/1995	9/25/1985
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE							
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
1,1-DICHLOROPROPENE							
1,2,3-TRICHLOROBENZENE							
1,2,3-TRICHLOROPROPANE							
1,2,4-TRIMETHYLBENZENE							
1,2-DIBROMO-3-CHLOROPROPANE							
1,2-DIBROMOETHANE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE							
1,3,5-TRIMETHYLBENZENE							
1,3-DICHLOROPROPANE							
2,2-DICHLOROPROPANE							
2,4-DINITROPHENOL							
2-BUTANONE							
2-CHLOROETHYL VINYL ETHER							
2-CHLOROTOLUENE							
2-HEXANONE							
4-CHLOROTOLUENE							
4-ISOPROPYLTOLUENE							
4-METHYL-2-PENTANONE							
ACETONE							
ACROLEIN							
ACRYLONITRILE							
BENZENE	1U	1U	1U	500U	2U	0.5U	
BROMOBENZENE							
BROMOCHLOROMETHANE							
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE							
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE (METHYL CHLORIDE)							
CIS-1,2-DICHLOROETHENE							
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
DIBROMOMETHANE							
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)							
ETHYLBENZENE	1U	**1.2**	**1.2**	500U	2U	0.5U	
ETHYLENE DIBROMIDE							
ISOPROPYLBENZENE							
M,P-XYLENES	**8.8**	**1.8**	**1.9**				
METHYL BROMIDE							
METHYL ETHYL KETONE							
METHYL IODIDE							
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER	1.5U	1U	1U				
METHYLENE CHLORIDE							
NAPHTHALENE	**1.6**	**8.5**	**12.1**		10U		**5**
N-BUTYLBENZENE							
O-XYLENE	1U	1U	1U				
SEC-BUTYLBENZENE							
STYRENE							
TERT-BUTYLBENZENE							
TETRACHLOROETHENE							
TOLUENE	1U	1U	1U	500U	2U	**0.54**	
TOTAL XYLENES				**20100**	**9.1**	**1**	
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE							
TRICHLOROFLUOROMETHANE							
VINYL ACETATE							
VINYL CHLORIDE							
XYLENE							

Appendix D - Groundwater Data
Volatile Organic Compound 1

STATION	GWY-4	GWY-4	GWY-4	GWY-4	GWY-4
SAMPLE	MW-4	HC267	HC268 DUP	KPP-GW-15	MW-4
DATE	4/24/1995	3/7/1986	3/7/1986	12/16/1989	11/29/2000
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE	1U				
1,1,1-TRICHLOROETHANE	1U	50U	50U	5U	
1,1,2,2-TETRACHLOROETHANE	1U	50UJ	50U	5U	
1,1,2-TRICHLOROETHANE	1U	50U	50U	5U	
1,1,2-TRICHLOROTRIFLUOROETHANE					
1,1-DICHLOROETHANE	1U	50U	50U	5U	
1,1-DICHLOROETHENE	1U	50U	50U	5U	
1,1-DICHLOROPROPENE	1U				
1,2,3-TRICHLOROBENZENE	1U				
1,2,3-TRICHLOROPROPANE	1U				
1,2,4-TRIMETHYLBENZENE	**6.9**				
1,2-DIBROMO-3-CHLOROPROPANE	1U				
1,2-DIBROMOETHANE	1U				
1,2-DICHLOROETHANE	1U	50U	50U	5U	
1,2-DICHLOROETHENE				5U	
1,2-DICHLOROPROPANE	1U	50U	50U	5U	
1,3,5-TRIMETHYLBENZENE	**7.6**				
1,3-DICHLOROPROPANE	1U				
2,2-DICHLOROPROPANE	1U				
2,4-DINITROPHENOL					
2-BUTANONE				10U	
2-CHLOROETHYL VINYL ETHER					
2-CHLOROTOLUENE	1U				
2-HEXANONE		100UJ	100UJ	10U	
4-CHLOROTOLUENE	1U				
4-ISOPROPYLTOLUENE					
4-METHYL-2-PENTANONE		100UJ	100UJ	10U	
ACETONE		**300J**	100UJ	10U	
ACROLEIN					
ACRYLONITRILE					
BENZENE	1U	50U	50U	5U	
BROMOBENZENE	1U				
BROMOCHLOROMETHANE	1U				
BROMODICHLOROMETHANE	1U	50UJ	50UJ	5U	
BROMOFORM	1U	50U	50UJ	5U	
BROMOMETHANE	1U	100UJ	100UJ	10U	
CARBON DISULFIDE		50U	50U	5U	
CARBON TETRACHLORIDE	1U	50U	50U	5U	
CHLOROBENZENE	1U	50U	50U	5U	
CHLOROETHANE	1U	100U	100U	10U	
CHLOROFORM	1U	50U	50U	5U	
CHLOROMETHANE (METHYL CHLORIDE)	1U	100U	100U	10U	
CIS-1,2-DICHLOROETHENE	1U				
CIS-1,3-DICHLOROPROPENE		50U	50UJ	5U	
DIBROMOCHLOROMETHANE	1U	50U	50UJ	5U	
DIBROMOMETHANE	1U				
DICHLOROBROMOMETHANE					
DICHLORODIFLUOROMETHANE	1U				
DICHLOROMETHANE (METHYLENE CHLORIDE)	5U	**43JB**	**20JB**	5U	
ETHYLBENZENE	1U	50U	50U	5U	1.5U
ETHYLENE DIBROMIDE					
ISOPROPYLBENZENE	**1.7**				
M,P-XYLENES	**3.3**				
METHYL BROMIDE					
METHYL ETHYL KETONE					
METHYL IODIDE					
METHYL ISOBUTYL KETONE					
METHYL TERT-BUTYL ETHER					
METHYLENE CHLORIDE					
NAPHTHALENE	200U	100U	100U	**8J**	5.5U
N-BUTYLBENZENE	1U				
O-XYLENE	1U				
SEC-BUTYLBENZENE	**2.3**				
STYRENE	1U	50U	50U	5U	
TERT-BUTYLBENZENE	1U				
TETRACHLOROETHENE	1U	50U	50UJ	5U	
TOLUENE	1U	50U	50U	5U	
TOTAL XYLENES		**85**	**69**		5.2U
TRANS-1,2-DICHLOROETHENE	1U	50U	50U		
TRANS-1,3-DICHLOROPROPENE		50U	50U	5U	
TRANS-1,4-DICHLORO-2-BUTENE					
TRICHLOROETHENE	1U	50U	50U	5U	
TRICHLOROFLUOROMETHANE	1U				
VINYL ACETATE				10U	
VINYL CHLORIDE	1U	100U	100U	10U	
XYLENE				5U	

Appendix D - Groundwater Data
Volatile Organic Compound 1

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L	Micrograms per liter
NP	Samples collected using a no-purge method
B	Compound detected in method blank
D	Sample dilution
J	Estimated concentration
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	GWY-7	GWY-7	GWY-7	GWY-8	GWY-8	GWY-8	GWY-8	GWY-9
SAMPLE	MW-7	MW-7	MW-7	MW-8	MW-8	MW-8	GWY-8	MW-9
DATE	8/7/1995	10/23/1995	4/24/1995	8/7/1995	10/23/1995	4/24/1995	8/20/1991	8/7/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE			1U			1U		
1,1,1-TRICHLOROETHANE			1U			1U	5U	
1,1,2,2-TETRACHLOROETHANE			1U			1U	5U	
1,1,2-TRICHLOROETHANE			1U			1U	5U	
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE			1U			1U	5U	
1,1-DICHLOROETHENE			1U			1U	5U	
1,1-DICHLOROPROPENE			1U			1U		
1,2,3-TRICHLOROBENZENE			1U			1U		
1,2,3-TRICHLOROPROPANE			1U			1U		
1,2,4-TRIMETHYLBENZENE			**1.7**			1U		
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE			1U			1U		
1,2-DIBROMOETHANE			1U			1U		
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE			1U			1U	5U	
1,2-DICHLOROETHENE							5U	
1,2-DICHLOROPROPANE			1U			1U	5U	
1,3,5-TRIMETHYLBENZENE			1U			1U		
1,3-DICHLOROPROPANE			1U			1U		
2,2-DICHLOROPROPANE			1U			1U		
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE			1U			1U		
2-HEXANONE							10U	
4-CHLOROTOLUENE			1U			1U		
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE							10U	
ACROLEIN								
ACRYLONITRILE								
BENZENE	0.5U	0.5U	1U	0.5U	0.5U	1U	5U	0.5U
BROMOBENZENE			1U			1U		
BROMOCHLOROMETHANE			1U			1U		
BROMODICHLOROMETHANE			1U			1U		
BROMOFORM			1U			1U	5U	
BROMOMETHANE			1U			1U		
CARBON DISULFIDE							10U	
CARBON TETRACHLORIDE			1U			1U	5U	
CHLOROBENZENE			1U			1U	5U	
CHLORODIBROMOMETHANE								
CHLOROETHANE			1U			1U	10U	
CHLOROFORM			1U			1U	10U	
CHLOROMETHANE (METHYL CHLORIDE)			1U			1U	10U	
CIS-1,2-DICHLOROETHENE			1U			1U		
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE							5U	
DIBROMOCHLOROMETHANE			1U			1U	5U	
DIBROMOMETHANE			1U			1U		
DICHLOROBROMOMETHANE							5U	
DICHLORODIFLUOROMETHANE			1U			1U		
DICHLOROMETHANE (METHYLENE CHLORIDE)			5U			5U	5U	
ETHYLBENZENE	0.5U	0.5U	1U	0.5U	0.5U	1U	5U	0.5U
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE			1U			1U		
M,P-XYLENES			1U			1U		
METHYL BROMIDE							10U	
METHYL ETHYL KETONE							10U	
METHYL IODIDE								
METHYL ISOBUTYL KETONE							10U	
METHYL TERT-BUTYL ETHER								
NAPHTHALENE	20U		1U	10U		10U	10U	10U
N-BUTYLBENZENE			1U			1U		
O-XYLENE			1U			1U		
SEC-BUTYLBENZENE			1U			1U		
STYRENE			1U			1U	5U	
TERT-BUTYLBENZENE			1U			1U		
TETRACHLOROETHENE			1U			1U	5U	
TOLUENE	0.5U	0.5U	1U	0.5U	0.5U	1U	5U	0.5U
TOTAL XYLENES	1U	1U		1U	1U			1U
TRANS-1,2-DICHLOROETHENE			1U			1U		
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE							5U	
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE			1U			1U	5U	
TRICHLOROFLUOROMETHANE			1U			1U		
VINYL ACETATE							10U	
VINYL CHLORIDE			1U			1U	10U	
XYLENE							5U	

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	GWY-9	GWY-9	GWY-9	KPT-1	KPT-1	KPT-10	KPT-10	KPT-12
SAMPLE	MW-9	HB093	MW-9	KPT-1	KPT-1	KPT-100	KPT-10	KPT-12
DATE	10/23/1995	3/5/1986	4/24/1995	11/15/1994	11/15/1994	8/20/1997	7/8/2001	7/9/2001
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE			1U	1U		1U		
1,1,1-TRICHLOROETHANE		5U	1U	1U		1U		
1,1,2,2-TETRACHLOROETHANE		5U	1U	1U		1U		
1,1,2-TRICHLOROETHANE		5U	1U	1U		1U		
1,1,2-TRICHLOROTRIFLUOROETHANE				2U		2U		
1,1-DICHLOROETHANE		5U	1U	1U		1U		
1,1-DICHLOROETHENE		5U	1U	1U		1U		
1,1-DICHLOROPROPENE			1U	1U		1U		
1,2,3-TRICHLOROBENZENE			1U	5U		5U		
1,2,3-TRICHLOROPROPANE			1U	1U		1U		
1,2,4-TRIMETHYLBENZENE			1U	1U		1U		
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE			1U	5U		5U		
1,2-DIBROMOETHANE			1U					
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE		5U	1U	1U		1U		
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE		5U	1U	1U		1U		
1,3,5-TRIMETHYLBENZENE			1U	1U		1U		
1,3-DICHLOROPROPANE			1U	1U		1U		
2,2-DICHLOROPROPANE			1U	1U		1U		
2,4-DINITROPHENOL								
2-BUTANONE				5U		5U		
2-CHLOROETHYL VINYL ETHER				5U		5U		
2-CHLOROTOLUENE			1U	1U		1U		
2-HEXANONE		10UJ		5U		5U		
4-CHLOROTOLUENE			1U	1U		1U		
4-ISOPROPYLTOLUENE				1U		1U		
4-METHYL-2-PENTANONE		10UJ		5U		5U		
ACETONE		**22J**		**5.3B**		5U		
ACROLEIN				5U		50U		
ACRYLONITRILE				5U		5U		
BENZENE	0.5U	5U	1U	1U		1U		1U
BROMOBENZENE			1U	1U		1U		
BROMOCHLOROMETHANE			1U	1U		1U		
BROMODICHLOROMETHANE		5U	1U	1U		1U		
BROMOFORM		5U	1U	1U		1U		
BROMOMETHANE		10U	1U	2U		2U		
CARBON DISULFIDE		5U		1U		1U		
CARBON TETRACHLORIDE		5U	1U	1U		1U		
CHLOROBENZENE		5U	1U	1U		1U		
CHLORODIBROMOMETHANE								
CHLOROETHANE		10U	1U	2U		2U		
CHLOROFORM		5U	1U	1U		1U		
CHLOROMETHANE (METHYL CHLORIDE)		10U	1U	2U		2U		
CIS-1,2-DICHLOROETHENE			1U	1U		1U		
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE		5UJ		1U		1U		
DIBROMOCHLOROMETHANE		5U	1U	1U		1U		
DIBROMOMETHANE			1U	1U		1U		
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE			1U					
DICHLOROMETHANE (METHYLENE CHLORIDE)		**2JB**	5U	2U		2U		
ETHYLBENZENE	0.5U	5U	1U	1U		1U		1U
ETHYLENE DIBROMIDE				1U		1U		
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE			1U	1U		1U		
M,P-XYLENES			1U	1U		1U		1U
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE				1U		1U		
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								1.5U
NAPHTHALENE		20U	10U	5U	1U	5U	1U	1U
N-BUTYLBENZENE			1U	1U		1U		
O-XYLENE			1U	1U		1U		1U
SEC-BUTYLBENZENE			1U	1U		1U		
STYRENE		5U	1U	1U		1U		
TERT-BUTYLBENZENE			1U	1U		1U		
TETRACHLOROETHENE		5U	1U	1U		1U		
TOLUENE	0.5U	**8**	1U	1U		1U		1U
TOTAL XYLENES	1U	5U		2U				
TRANS-1,2-DICHLOROETHENE		5U	1U	1U		1U		
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE		5U		1U		1U		
TRANS-1,4-DICHLORO-2-BUTENE				5U		5U		
TRICHLOROETHENE		5U	1U	1U		1U		
TRICHLOROFLUOROMETHANE			1U	2U		2U		
VINYL ACETATE				5U		5U		
VINYL CHLORIDE		10U	1U	2U		2U		
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	KPT-14	KPT-16	KPT-16	KPT-2	KPT-2	KPT-3	KPT-3
SAMPLE	KPT-14	KPT-16	KPT-16 DUP	KPT-2	KPT-2	KPT-3	KPT-3
DATE	8/21/1997	7/9/2001	7/9/2001	11/16/1994	11/16/1994	11/16/1994	11/16/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE	1U			1U		1U	
1,1,1-TRICHLOROETHANE	1U			1U		1U	
1,1,2,2-TETRACHLOROETHANE	1U			1U		1U	
1,1,2-TRICHLOROETHANE	1U			1U		1U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2U			2U		2U	
1,1-DICHLOROETHANE	1U			1U		1U	
1,1-DICHLOROETHENE	1U			1U		1U	
1,1-DICHLOROPROPENE	1U			1U		1U	
1,2,3-TRICHLOROBENZENE	5U			5U		5U	
1,2,3-TRICHLOROPROPANE	1U			1U		1U	
1,2,4-TRIMETHYLBENZENE	1U			**17**		**7**	
1,2-BROMOMETHANE							
1,2-DIBROMO-3-CHLOROPROPANE	5U			5U		5U	
1,2-DIBROMOETHANE							
1,2-DIBROMOMETHANE							
1,2-DICHLOROETHANE	1U			1U		1U	
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE	1U			1U		1U	
1,3,5-TRIMETHYLBENZENE	1U			1U		**2.7**	
1,3-DICHLOROPROPANE	1U			1U		1U	
2,2-DICHLOROPROPANE	1U			1U		1U	
2,4-DINITROPHENOL							
2-BUTANONE	5U			5U		5U	
2-CHLOROETHYL VINYL ETHER	5U			5U		5U	
2-CHLOROTOLUENE	1U			1U		1U	
2-HEXANONE	5U			5U		5U	
4-CHLOROTOLUENE	1U			1U		1U	
4-ISOPROPYLTOLUENE	1U			**8.3**		**2.3**	
4-METHYL-2-PENTANONE	5U			5U		5U	
ACETONE	5U			**11B**		**8.8B**	
ACROLEIN	50U			5U			
ACRYLONITRILE	5U			5U		5U	
BENZENE	1U	1U	1U	1U		1U	
BROMOBENZENE	1U			1U		1U	
BROMOCHLOROMETHANE	1U			1U		1U	
BROMODICHLOROMETHANE	1U			1U		1U	
BROMOFORM	1U			1U		1U	
BROMOMETHANE	2U			2U		2U	
CARBON DISULFIDE	1U			1U		1U	
CARBON TETRACHLORIDE	1U			1U		1U	
CHLOROBENZENE	1U			1U		1U	
CHLORODIBROMOMETHANE							
CHLOROETHANE	2U			2U		2U	
CHLOROFORM	1U			1U		1U	
CHLOROMETHANE (METHYL CHLORIDE)	2U			2U		2U	
CIS-1,2-DICHLOROETHENE	1U			1U		1U	
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE	1U			1U		1U	
DIBROMOCHLOROMETHANE	1U			1U		1U	
DIBROMOMETHANE	1U			1U		1U	
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)	2U			2U		2U	
ETHYLBENZENE	1U	1U	1U	**1.4**		1U	
ETHYLENE DIBROMIDE	1U			1U		1U	
FLUOROTRICHLOROMETHANE							
ISOPROPYLBENZENE	1U			**1**		1U	
M,P-XYLENES	1U	1U	1U	**8.3**		**1.4**	
METHYL BROMIDE							
METHYL ETHYL KETONE							
METHYL IODIDE	1U			1U		1U	
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER		1.5U	1.5U				
NAPHTHALENE	5U	1U	1U	**39**	**4600**	**35**	**170M**
N-BUTYLBENZENE	1U			**3.7**		1U	
O-XYLENE	1U	1U	1U	**9**		**2.1**	
SEC-BUTYLBENZENE	1U			**1.6**		1U	
STYRENE	1U			1U		1U	
TERT-BUTYLBENZENE	1U			1U		1U	
TETRACHLOROETHENE	1U			1U		1U	
TOLUENE	1U	1U	1U	**2.9**		1U	
TOTAL XYLENES				**17**		**3.4**	
TRANS-1,2-DICHLOROETHENE	1U			1U		1U	
TRANS-1,2-DICHLOROPROPENE							
TRANS-1,3-DICHLOROPROPENE	1U			1U		1U	
TRANS-1,4-DICHLORO-2-BUTENE	5U			5U		5U	
TRICHLOROETHENE	1U			1U		1U	
TRICHLOROFLUOROMETHANE	2U			2U		2U	
VINYL ACETATE	5U			5U		5U	
VINYL CHLORIDE	2U			2U		2U	
XYLENE							

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	KPT-3	KPT-4	KPT-4	KPT-5	KPT-5	KPT-5	KPT-5
SAMPLE	KPT-3 REEXTRACTION	KPT-4	KPT-4	KPT-20	KPT-20	KPT-5	KPT-5
DATE	11/16/1994	11/16/1994	11/16/1994	7/9/2001	7/9/2001	11/16/1994	11/16/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE		1U				1U	
1,1,1-TRICHLOROETHANE		1U				1U	
1,1,2,2-TETRACHLOROETHANE		1U				1U	
1,1,2-TRICHLOROETHANE		1U				1U	
1,1,2-TRICHLOROTRIFLUOROETHANE		2U				2U	
1,1-DICHLOROETHANE		1U				1U	
1,1-DICHLOROETHENE		1U				1U	
1,1-DICHLOROPROPENE		1U				1U	
1,2,3-TRICHLOROBENZENE		5U				5U	
1,2,3-TRICHLOROPROPANE		1U				1U	
1,2,4-TRIMETHYLBENZENE		**7.4**				1U	
1,2-BROMOMETHANE							
1,2-DIBROMO-3-CHLOROPROPANE		5U				5U	
1,2-DIBROMOETHANE							
1,2-DIBROMOMETHANE							
1,2-DICHLOROETHANE		1U				1U	
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE		1U				1U	
1,3,5-TRIMETHYLBENZENE		**3.2**				1U	
1,3-DICHLOROPROPANE		1U				1U	
2,2-DICHLOROPROPANE		1U				1U	
2,4-DINITROPHENOL							
2-BUTANONE		5U				5U	
2-CHLOROETHYL VINYL ETHER		5U				5U	
2-CHLOROTOLUENE		1U				1U	
2-HEXANONE		5U				5U	
4-CHLOROTOLUENE		1U				1U	
4-ISOPROPYLTOLUENE		**1.2**				1U	
4-METHYL-2-PENTANONE		5U				5U	
ACETONE		**12B**				5U	
ACROLEIN		**39Y**				5U	
ACRYLONITRILE		5U				5U	
BENZENE		1U		1U		1U	
BROMOBENZENE		1U				1U	
BROMOCHLOROMETHANE		1U				1U	
BROMODICHLOROMETHANE		1U				1U	
BROMOFORM		1U				1U	
BROMOMETHANE		2U				2U	
CARBON DISULFIDE		1U				1U	
CARBON TETRACHLORIDE		1U				1U	
CHLOROBENZENE		1U				1U	
CHLORODIBROMOMETHANE							
CHLOROETHANE		2U				2U	
CHLOROFORM		1U				1U	
CHLOROMETHANE (METHYL CHLORIDE)		2U				2U	
CIS-1,2-DICHLOROETHENE		1U				1U	
CIS-1,2-DICHLOROPROPENE							
CIS-1,3-DICHLOROPROPENE		1U				1U	
DIBROMOCHLOROMETHANE		1U				1U	
DIBROMOMETHANE		1U				1U	
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)		2U				2U	
ETHYLBENZENE		1U		1U		1U	
ETHYLENE DIBROMIDE		1U				1U	
FLUOROTRICHLOROMETHANE							
ISOPROPYLBENZENE		1U				1U	
M,P-XYLENES		1U		1U		1U	
METHYL BROMIDE							
METHYL ETHYL KETONE							
METHYL IODIDE		1U				1U	
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER				1.5U			
NAPHTHALENE	**420M**	**30**	**7000**		1U	5U	1U
N-BUTYLBENZENE		1U				1U	
O-XYLENE		**1.1**		1U		1U	
SEC-BUTYLBENZENE		1U				1U	
STYRENE		1U				1U	
TERT-BUTYLBENZENE		1U				1U	
TETRACHLOROETHENE		1U				1U	
TOLUENE		1U		1U		1U	
TOTAL XYLENES		2U				2U	
TRANS-1,2-DICHLOROETHENE		1U				1U	
TRANS-1,2-DICHLOROPROPENE							
TRANS-1,3-DICHLOROPROPENE		1U				1U	
TRANS-1,4-DICHLORO-2-BUTENE		5U				5U	
TRICHLOROETHENE		1U				1U	
TRICHLOROFLUOROMETHANE		2U				2U	
VINYL ACETATE		5U				5U	
VINYL CHLORIDE		2U				2U	
XYLENE							

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	KPT-5	KPT-5	KPT-6	KPT-6	KPT-6	KPT-6	KPT-6	KPT-7
SAMPLE	KPT-5	KPT-5	KPT-6	KPT-6	KPT-6	KPT-10 DUP	KPT-10 DUP	KPT-20
DATE	7/9/2001	7/9/2001	11/16/1994	11/16/1994	4/2/2003	11/16/1994	11/16/1994	8/6/2002
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE			1U			1U		
1,1,1-TRICHLOROETHANE			1U			1U		
1,1,2,2-TETRACHLOROETHANE			1U			1U		
1,1,2-TRICHLOROETHANE			1U			1U		
1,1,2-TRICHLOROTRIFLUOROETHANE			2U			2U		
1,1-DICHLOROETHANE			1U			1U		
1,1-DICHLOROETHENE			1U			1U		
1,1-DICHLOROPROPENE			1U			1U		
1,2,3-TRICHLOROBENZENE			5U			5U		
1,2,3-TRICHLOROPROPANE			1U			1U		
1,2,4-TRIMETHYLBENZENE			**5.5**			**15**		
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE			5U			5U		
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE			1U			1U		
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE			1U			1U		
1,3,5-TRIMETHYLBENZENE			**7.3**			1U		
1,3-DICHLOROPROPANE			1U			1U		
2,2-DICHLOROPROPANE			1U			1U		
2,4-DINITROPHENOL								
2-BUTANONE			5U			5U		
2-CHLOROETHYL VINYL ETHER			5U			5U		
2-CHLOROTOLUENE			1U			1U		
2-HEXANONE			5U			5U		
4-CHLOROTOLUENE			1U			1U		
4-ISOPROPYLTOLUENE			**3.6**			**10**		
4-METHYL-2-PENTANONE			5U			5U		
ACETONE			**11B**			**14B**		
ACROLEIN			**29Y**			50U		
ACRYLONITRILE			5U			5U		
BENZENE	1U		1U			1U		
BROMOBENZENE			1U			1U		
BROMOCHLOROMETHANE			1U			1U		
BROMODICHLOROMETHANE			1U			1U		
BROMOFORM			1U			1U		
BROMOMETHANE			2U			2U		
CARBON DISULFIDE			1U			1U		
CARBON TETRACHLORIDE			1U			1U		
CHLOROBENZENE			1U			1U		
CHLORODIBROMOMETHANE								
CHLOROETHANE			2U			2U		
CHLOROFORM			1U			1U		
CHLOROMETHANE (METHYL CHLORIDE)			2U			2U		
CIS-1,2-DICHLOROETHENE			1U			1U		
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE			1U			1U		
DIBROMOCHLOROMETHANE			1U			1U		
DIBROMOMETHANE			1U			1U		
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)			2U			2U		
ETHYLBENZENE	1U		1U			1U		
ETHYLENE DIBROMIDE			1U			1U		
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE			1U			1U		
M,P-XYLENES	1U		**1.2**			**2.2**		
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE			1U			1U		
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER	1.5U							
NAPHTHALENE		1U	**14**	**1200**	**0.34**	**34**	**2800**	**0.82**
N-BUTYLBENZENE			**1.5Y**			**4.6Y**		
O-XYLENE	1U		**1.7**			**4**		
SEC-BUTYLBENZENE			1U			**1.3**		
STYRENE			1U			1U		
TERT-BUTYLBENZENE			1U			1U		
TETRACHLOROETHENE			1U			1U		
TOLUENE	1U		1U			1U		
TOTAL XYLENES			**2.9**			**6.2**		
TRANS-1,2-DICHLOROETHENE			1U			1U		
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE			1U			1U		
TRANS-1,4-DICHLORO-2-BUTENE			5U			5U		
TRICHLOROETHENE			1U			1U		
TRICHLOROFLUOROMETHANE			2U			2U		
VINYL ACETATE			5U			5U		
VINYL CHLORIDE			2U			2U		
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
SAMPLE	KPT-20	KPT-20	KPT-20	KPT-20	KPT-20	KPT-20	KPT-20	KPT-7
DATE	4/2/2003	10/1/2003	10/1/2003	4/7/2004	4/7/2004	10/19/2004	10/19/2004	11/16/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								1U
1,1,1-TRICHLOROETHANE								1U
1,1,2,2-TETRACHLOROETHANE								1U
1,1,2-TRICHLOROETHANE								1U
1,1,2-TRICHLOROTRIFLUOROETHANE								2U
1,1-DICHLOROETHANE								1U
1,1-DICHLOROETHENE								1U
1,1-DICHLOROPROPENE								1U
1,2,3-TRICHLOROBENZENE								5U
1,2,3-TRICHLOROPROPANE								1U
1,2,4-TRIMETHYLBENZENE								**7.1**
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								5U
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								1U
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								1U
1,3,5-TRIMETHYLBENZENE								**3.6**
1,3-DICHLOROPROPANE								1U
2,2-DICHLOROPROPANE								1U
2,4-DINITROPHENOL								
2-BUTANONE								5U
2-CHLOROETHYL VINYL ETHER								5U
2-CHLOROTOLUENE								1U
2-HEXANONE								5U
4-CHLOROTOLUENE								1U
4-ISOPROPYLTOLUENE								1U
4-METHYL-2-PENTANONE								5U
ACETONE								**9.5B**
ACROLEIN								5U
ACRYLONITRILE								5U
BENZENE								1U
BROMOBENZENE								1U
BROMOCHLOROMETHANE								1U
BROMODICHLOROMETHANE								1U
BROMOFORM								1U
BROMOMETHANE								2U
CARBON DISULFIDE								1U
CARBON TETRACHLORIDE								1U
CHLOROBENZENE								1U
CHLORODIBROMOMETHANE								
CHLOROETHANE								2U
CHLOROFORM								1U
CHLOROMETHANE (METHYL CHLORIDE)								2U
CIS-1,2-DICHLOROETHENE								1U
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								1U
DIBROMOCHLOROMETHANE								1U
DIBROMOMETHANE								1U
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								2U
ETHYLBENZENE								**1.1**
ETHYLENE DIBROMIDE								1U
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								1U
M,P-XYLENES								**3.5**
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								1U
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE	**0.19**	10U	0.042U	10U	**0.077**	10.2U	**1.1**	**13**
N-BUTYLBENZENE								1U
O-XYLENE								**3.5**
SEC-BUTYLBENZENE								1U
STYRENE								1U
TERT-BUTYLBENZENE								1U
TETRACHLOROETHENE								1U
TOLUENE								**1.1**
TOTAL XYLENES								**7**
TRANS-1,2-DICHLOROETHENE								1U
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								1U
TRANS-1,4-DICHLORO-2-BUTENE								5U
TRICHLOROETHENE								1U
TRICHLOROFLUOROMETHANE								2U
VINYL ACETATE								5U
VINYL CHLORIDE								2U
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
SAMPLE	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7	KPT-7
DATE	11/16/1994	8/6/2002	4/2/2003	10/1/2003	10/1/2003	4/7/2004	4/7/2004	10/19/2004
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE								
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE								
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE	**4.9**	**0.84**	**0.17**	10U	0.04U	10U	**0.077**	10.3U
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE								
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	KPT-7	KPT-7	KPT-8	KPT-8	KPT-9	KPT-9	NW-1	NW-1
SAMPLE	KPT-7	KPT-7	KPT-8	KPT-8	KPT-9	KPT-9	94-50792	95-14212
DATE	10/19/2004	7/9/2001	11/16/1994	11/16/1994	4/2/2003	7/9/2001	10/11/1994	1/19/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE			1U					
1,1,1-TRICHLOROETHANE			1U					
1,1,2,2-TETRACHLOROETHANE			1U					
1,1,2-TRICHLOROETHANE			1U					
1,1,2-TRICHLOROTRIFLUOROETHANE			2U					
1,1-DICHLOROETHANE			1U					
1,1-DICHLOROETHENE			1U					
1,1-DICHLOROPROPENE			1U					
1,2,3-TRICHLOROBENZENE			5U					
1,2,3-TRICHLOROPROPANE			1U					
1,2,4-TRIMETHYLBENZENE			1U					
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE			5U					
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE			1U					
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE			1U					
1,3,5-TRIMETHYLBENZENE			1U					
1,3-DICHLOROPROPANE			1U					
2,2-DICHLOROPROPANE			1U					
2,4-DINITROPHENOL								
2-BUTANONE			5U					
2-CHLOROETHYL VINYL ETHER			5U					
2-CHLOROTOLUENE			1U					
2-HEXANONE			5U					
4-CHLOROTOLUENE			1U					
4-ISOPROPYLTOLUENE			1U					
4-METHYL-2-PENTANONE			5U					
ACETONE			**8.7B**					
ACROLEIN			5U					
ACRYLONITRILE			5U					
BENZENE		1U	1U			1U	1U	0.5U
BROMOBENZENE			1U					
BROMOCHLOROMETHANE			1U					
BROMODICHLOROMETHANE			1U					
BROMOFORM			1U					
BROMOMETHANE			2U					
CARBON DISULFIDE			1U					
CARBON TETRACHLORIDE			1U					
CHLOROBENZENE			1U					
CHLORODIBROMOMETHANE								
CHLOROETHANE			2U					
CHLOROFORM			1U					
CHLOROMETHANE (METHYL CHLORIDE)			2U					
CIS-1,2-DICHLOROETHENE			1U					
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE			1U					
DIBROMOCHLOROMETHANE			1U					
DIBROMOMETHANE			1U					
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)			2U					
ETHYLBENZENE		1U	1U			1U	**3.4**	0.5U
ETHYLENE DIBROMIDE			1U					
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE			1U					
M,P-XYLENES		1U	1U			1U		
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE			1U					
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER		1.5U				1.5U		
NAPHTHALENE	**1.1**	**1.5**	5U	1U	**0.1**	1000U		
N-BUTYLBENZENE			1U					
O-XYLENE		1U	1U			1U		
SEC-BUTYLBENZENE			1U					
STYRENE			1U					
TERT-BUTYLBENZENE			1U					
TETRACHLOROETHENE			1U					
TOLUENE		1U	1U			1U	**1.1**	0.5U
TOTAL XYLENES			2U					
TRANS-1,2-DICHLOROETHENE			1U					
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE			1U					
TRANS-1,4-DICHLORO-2-BUTENE			5U					
TRICHLOROETHENE			1U					
TRICHLOROFLUOROMETHANE			2U					
VINYL ACETATE			5U					
VINYL CHLORIDE			2U					
XYLENE							**7.5**	1U

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	NW-1	NW-1	NW-1	NW-2	NW-2	NW-2	NW-2	NW-2
SAMPLE	95-25974	95-43537	95-67390	94-50794	95-14213	95-25975	95-43534	95-67396
DATE	4/14/1995	7/13/1995	10/26/1995	10/11/1994	1/19/1995	4/13/1995	7/12/1995	10/26/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	0.5U	0.5U	0.5U	**88**	**2**	**2.9**	0.5U	**3.9**
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.5U	0.5U	0.5U	**658**	**1.2**	**8.3**	0.5U	**10**
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE								
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	0.5U	0.5U	0.5U	**296**	**2.8**	**3.2**	0.5U	**4.5**
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE	**1J**	1U	1U	**3030**	**5.8**	**53**	1U	**103**

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	NW-2	NW-3	NW-3	NW-3	NW-3	NW-3	NW-3	NW-4
SAMPLE	96-43775	94-50789	95-14214	95-25976	95-43535	95-67395	96-43774	94-50791
DATE	7/17/1996	10/11/1994	1/19/1995	4/14/1995	7/13/1995	10/26/1995	7/17/1996	10/11/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	**7.9**	**2.2**	**2.7**	**2.3**	**2.3**	**2.1**	**3.5**	**42**
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	**7.8**	1U	**7.9**	**1.5**	**1.9**	**0.75**	**0.85**	**448**
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER	2U						2U	
NAPHTHALENE								
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	0.5U	1U	**1.4**	0.5U	**3**	**0.7**	**1.8**	**465**
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE	**11**	**1.3**	**6.9**	**2**	**2.3**	1U	**3.3**	**2970**

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	NW-4	OMW-2	OSW-2	PW-1	PW-1	PW-1	PW-2C	PW-2C
SAMPLE	96-43771	OMW-2	OSW-2	PW1-TPH	94-50796	96-43772	PW2C-TPH	94-50790
DATE	7/17/1996	7/9/2001	7/9/2001	3/23/1993	10/11/1994	7/17/1996	3/23/1993	10/11/1994
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	**50**	1U	1U	**140D**	**664**	**206**	**17**	5U
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	**355**	1U	1U	**210D**	**1750**	**796**	**14**	**7.6**
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES		1U	1U					
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER	20U	1.5U	1.5U			40U		
NAPHTHALENE								
N-BUTYLBENZENE								
O-XYLENE		1U	1U					
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	**1040**	1U	1U	**830D**	**4500**	**989**	**40**	5U
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE	**5990**			**1000D**	**7980**	**3880**	**53**	**11**

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	PW-2C	PW-2C	PW-2C	PW-2C	PW-2C	PW-2D	PW-2D	PW-2D
SAMPLE	95-14215	95-25972	95-43530	95-67389	96-43779	PW2D-TPH	95-14216	95-43531
DATE	1/19/1995	4/4/1995	7/12/1995	10/26/1995	7/17/1996	3/23/1993	1/19/1995	7/13/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	0.5U	0.5U	0.5U	0.5U	0.5U	**200D**	**102**	**717**
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.5U	0.5U	0.5U	0.5U	0.5U	**150D**	**92**	**910**
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER					2U			
NAPHTHALENE								
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	0.5U	0.5U	0.5U	0.5U	0.5U	**640D**	**350**	**2380**
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE	1U	1U	1U	1U	**1J**	**670D**	**680**	**4320**

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	PW-2D	PW-2D	PW-3	PW-3	PW-3	PW-3	PW-3	PW-3
SAMPLE	95-67397	96-43773	PW-3	PW3-TPH	94-50793	95-14217	95-25973	95-43536
DATE	10/26/1995	7/17/1996	8/6/1993	3/23/1993	10/11/1994	1/19/1995	4/13/1995	7/15/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	**258**	**1160**	**365**	**66D**	**260**	**12**	**15**	**17**
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	**151**	**685**	**1180**	**150D**	**904**	**68**	**105**	**55**
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER		40U						
NAPHTHALENE								
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	**774**	**582**	**2190**	**330D**	**1430**	**77**	**96**	**101**
TOTAL XYLENES			**8720**					
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE	**1030**	**2440**		**750D**	**4800**	**434**	**513**	**485**

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	PW-3	PW-3	PWS-1	PWS-1	PWS-2	PWS-2	RW-1	RW-1
SAMPLE	95-67391	96-43777	KPT-EW-1	RR-GW-2	SW4987	SW4987	KPT-RW-1	BENSON-VOC
DATE	10/26/1995	7/17/1996	6/20/1991	3/1/1986	8/26/1992	8/26/1992	6/20/1991	1/26/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE						0.5U		
1,1,1-TRICHLOROETHANE						0.5U		1U
1,1,2,2-TETRACHLOROETHANE						0.5U		1U
1,1,2-TRICHLOROETHANE						0.5U		1U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE						0.5U		1U
1,1-DICHLOROETHENE						0.5U		1U
1,1-DICHLOROPROPENE						0.5U		
1,2,3-TRICHLOROBENZENE						0.5U		
1,2,3-TRICHLOROPROPANE						0.5U		
1,2,4-TRIMETHYLBENZENE						0.5U		
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE						1U		
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE						0.5U		
1,2-DICHLOROETHANE						0.5U		1U
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE						0.5U		1U
1,3,5-TRIMETHYLBENZENE						0.5U		
1,3-DICHLOROPROPANE						0.5U		
2,2-DICHLOROPROPANE						0.5U		
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								10U
2-CHLOROTOLUENE						0.5U		
2-HEXANONE								
4-CHLOROTOLUENE						0.5U		
4-ISOPROPYLTOLUENE						0.5U		
4-METHYL-2-PENTANONE								
ACETONE				20UB				
ACROLEIN								
ACRYLONITRILE								
BENZENE	**9.5**	**18**		**0.6J**		0.5U		1U
BROMOBENZENE						0.5U		
BROMOCHLOROMETHANE						0.5U		
BROMODICHLOROMETHANE						0.5U		1U
BROMOFORM						0.5U		1U
BROMOMETHANE						0.5U		2U
CARBON DISULFIDE				**0.7JB**				
CARBON TETRACHLORIDE						0.5U		1U
CHLOROBENZENE						0.5U		1U
CHLORODIBROMOMETHANE								
CHLOROETHANE						0.5U		1U
CHLOROFORM						0.5U		1U
CHLOROMETHANE (METHYL CHLORIDE)						0.5U		1U
CIS-1,2-DICHLOROETHENE						0.5U		
CIS-1,2-DICHLOROPROPENE						0.5U		
CIS-1,3-DICHLOROPROPENE								1U
DIBROMOCHLOROMETHANE						0.5U		1U
DIBROMOMETHANE						0.5U		
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE						0.5U		
DICHLOROMETHANE (METHYLENE CHLORIDE)				5UB		0.5U		5U
ETHYLBENZENE	**51**	**237**				0.5U		1U
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE						0.5U		
M,P-XYLENES						0.5U		
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER		20U						
NAPHTHALENE			0.1U		10U	0.5U	0.1U	
N-BUTYLBENZENE						0.5U		
O-XYLENE						0.5U		
SEC-BUTYLBENZENE						0.5U		
STYRENE						0.5U		
TERT-BUTYLBENZENE						0.5U		
TETRACHLOROETHENE						0.5U		1U
TOLUENE	**63**	**92**		**0.9J**		0.5U		1U
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE						0.5U		1U
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE						0.5U		1U
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE						0.5U		1U
TRICHLOROFLUOROMETHANE						0.5U		1U
VINYL ACETATE								
VINYL CHLORIDE						0.5U		1U
XYLENE	**485**	**1010**						

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1	RW-1
SAMPLE	BENSON-BNA	SW4852	93W 106882	93W 106882 Dup	96-36705	SW4988	SW4988
DATE	1/26/1995	1/31/1992	12/16/1993	12/16/1993	6/4/1996	8/26/1992	8/26/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE					0.5U		0.5U
1,1,1-TRICHLOROETHANE					0.5U		0.5U
1,1,2,2-TETRACHLOROETHANE					0.5U		0.5U
1,1,2-TRICHLOROETHANE					0.5U		0.5U
1,1,2-TRICHLOROTRIFLUOROETHANE							
1,1-DICHLOROETHANE					0.5U		0.5U
1,1-DICHLOROETHENE					0.5U		0.5U
1,1-DICHLOROPROPENE					0.5U		0.5U
1,2,3-TRICHLOROBENZENE					0.5U		0.5U
1,2,3-TRICHLOROPROPANE					0.5U		0.5U
1,2,4-TRIMETHYLBENZENE					0.5U		0.5U
1,2-BROMOMETHANE							
1,2-DIBROMO-3-CHLOROPROPANE					0.5U		1U
1,2-DIBROMOETHANE					0.5U		
1,2-DIBROMOMETHANE							0.5U
1,2-DICHLOROETHANE					0.5U		0.5U
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE					0.5U		0.5U
1,3,5-TRIMETHYLBENZENE					0.5U		0.5U
1,3-DICHLOROPROPANE					0.5U		0.5U
2,2-DICHLOROPROPANE					0.5U		0.5U
2,4-DINITROPHENOL							
2-BUTANONE							
2-CHLOROETHYL VINYL ETHER							
2-CHLOROTOLUENE					0.5U		0.5U
2-HEXANONE							
4-CHLOROTOLUENE					0.5U		0.5U
4-ISOPROPYLTOLUENE							0.5U
4-METHYL-2-PENTANONE							
ACETONE							
ACROLEIN							
ACRYLONITRILE							
BENZENE					0.5U		0.5U
BROMOBENZENE					0.5U		0.5U
BROMOCHLOROMETHANE					0.5U		0.5U
BROMODICHLOROMETHANE					0.5U		0.5U
BROMOFORM					0.5U		0.5U
BROMOMETHANE					0.5U		0.5U
CARBON DISULFIDE							
CARBON TETRACHLORIDE					0.5U		0.5U
CHLOROBENZENE					0.5U		0.5U
CHLORODIBROMOMETHANE					0.5U		
CHLOROETHANE					0.5U		0.5U
CHLOROFORM					0.5U		0.5U
CHLOROMETHANE (METHYL CHLORIDE)					0.5U		0.5U
CIS-1,2-DICHLOROETHENE					0.5U		0.5U
CIS-1,2-DICHLOROPROPENE							0.5U
CIS-1,3-DICHLOROPROPENE					0.5U		
DIBROMOCHLOROMETHANE							0.5U
DIBROMOMETHANE					0.5U		0.5U
DICHLOROBROMOMETHANE							
DICHLORODIFLUOROMETHANE					0.5U		0.5U
DICHLOROMETHANE (METHYLENE CHLORIDE)					0.5U		0.5U
ETHYLBENZENE					0.5U		0.5U
ETHYLENE DIBROMIDE							
FLUOROTRICHLOROMETHANE					0.5U		
ISOPROPYLBENZENE					0.5U		0.5U
M,P-XYLENES					0.5U		0.5U
METHYL BROMIDE							
METHYL ETHYL KETONE							
METHYL IODIDE							
METHYL ISOBUTYL KETONE							
METHYL TERT-BUTYL ETHER							
NAPHTHALENE	10U	**40**	10U	10U	0.5U	10U	0.5U
N-BUTYLBENZENE					0.5U		0.5U
O-XYLENE					0.5U		0.5U
SEC-BUTYLBENZENE					0.5U		0.5U
STYRENE					0.5U		0.5U
TERT-BUTYLBENZENE					0.5U		0.5U
TETRACHLOROETHENE					0.5U		0.5U
TOLUENE					0.5U		0.5U
TOTAL XYLENES					0.5U		
TRANS-1,2-DICHLOROETHENE					0.5U		0.5U
TRANS-1,2-DICHLOROPROPENE							
TRANS-1,3-DICHLOROPROPENE					0.5U		0.5U
TRANS-1,4-DICHLORO-2-BUTENE							
TRICHLOROETHENE					0.5U		0.5U
TRICHLOROFLUOROMETHANE							0.5U
VINYL ACETATE							
VINYL CHLORIDE					0.5U		0.5U
XYLENE							

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	RW-1	RW-1	RW-1	RW-10	RW-10	RW-10	RW-10	RW-10
SAMPLE	RR-GW-1	SW4988 DUP	95-45765	93W 106884	94-58392	94-58392	SW4989	SW4989
DATE	3/1/1986	8/26/1992	7/26/1995	12/16/1993	11/22/1994	11/22/1994	8/26/1992	8/26/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE		0.5U	0.5U			0.5U		0.5U
1,1,1-TRICHLOROETHANE		0.5U	0.5U			0.5U		0.5U
1,1,2,2-TETRACHLOROETHANE		0.5U	0.5U			0.5U		0.5U
1,1,2-TRICHLOROETHANE		0.5U	0.5U			0.5U		0.5U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE		0.5U	0.5U			0.5U		0.5U
1,1-DICHLOROETHENE		0.5U	0.5U			0.5U		0.5U
1,1-DICHLOROPROPENE		0.5U	0.5U			0.5U		0.5U
1,2,3-TRICHLOROBENZENE		0.5U	0.5U			0.5U		0.5U
1,2,3-TRICHLOROPROPANE		0.5U	0.5U			0.5U		0.5U
1,2,4-TRIMETHYLBENZENE		0.5U	0.5U			0.5U		0.5U
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE		1U	0.5U			0.5U		1U
1,2-DIBROMOETHANE			0.5U			0.5U		
1,2-DIBROMOMETHANE		0.5U						0.5U
1,2-DICHLOROETHANE		0.5U	0.5U			0.5U		0.5U
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE		0.5U	0.5U			0.5U		0.5U
1,3,5-TRIMETHYLBENZENE		0.5U	0.5U			0.5U		0.5U
1,3-DICHLOROPROPANE		0.5U	0.5U			0.5U		0.5U
2,2-DICHLOROPROPANE		0.5U	0.5U			0.5U		0.5U
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE		0.5U	0.5U			0.5U		0.5U
2-HEXANONE								
4-CHLOROTOLUENE		0.5U	0.5U			0.5U		0.5U
4-ISOPROPYLTOLUENE		0.5U						0.5U
4-METHYL-2-PENTANONE								
ACETONE	25UB							
ACROLEIN								
ACRYLONITRILE								
BENZENE		0.5U	0.5U			0.5U		0.5U
BROMOBENZENE		0.5U	0.5U			0.5U		0.5U
BROMOCHLOROMETHANE		0.5U	0.5U			0.5U		0.5U
BROMODICHLOROMETHANE		0.5U	0.5U			0.5U		0.5U
BROMOFORM		0.5U	0.5U			0.5U		0.5U
BROMOMETHANE		0.5U	0.5U			0.5U		0.5U
CARBON DISULFIDE								
CARBON TETRACHLORIDE		0.5U	0.5U			0.5U		0.5U
CHLOROBENZENE		0.5U	0.5U			0.5U		0.5U
CHLORODIBROMOMETHANE			0.5U			0.5U		
CHLOROETHANE		0.5U	0.5U			0.5U		0.5U
CHLOROFORM		0.5U	0.5U			0.5U		0.5U
CHLOROMETHANE (METHYL CHLORIDE)		0.5U	0.5U			0.5U		0.5U
CIS-1,2-DICHLOROETHENE		0.5U	0.5U			0.5U		0.5U
CIS-1,2-DICHLOROPROPENE		0.5U						0.5U
CIS-1,3-DICHLOROPROPENE			0.5U			0.5U		
DIBROMOCHLOROMETHANE		0.5U						0.5U
DIBROMOMETHANE		0.5U	0.5U			0.5U		0.5U
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE		0.5U	0.5U			0.5U		0.5U
DICHLOROMETHANE (METHYLENE CHLORIDE)	**4.7JB**	0.5U	0.5U			0.5U		0.5U
ETHYLBENZENE		0.5U	0.5U			0.5U		0.5U
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE			0.5U			0.5U		
ISOPROPYLBENZENE		0.5U	0.5U			0.5U		0.5U
M,P-XYLENES		0.5U	0.5U			0.5U		0.5U
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE		0.5U	0.5U	10U	10U	0.5U	10U	0.5U
N-BUTYLBENZENE		0.5U	0.5U			0.5U		0.5U
O-XYLENE		0.5U	0.5U			0.5U		0.5U
SEC-BUTYLBENZENE		0.5U	0.5U			0.5U		0.5U
STYRENE		0.5U	0.5U			0.5U		0.5U
TERT-BUTYLBENZENE		0.5U	0.5U			0.5U		0.5U
TETRACHLOROETHENE		0.5U	0.5U			0.5U		0.5U
TOLUENE	**1.9J**	0.5U	0.5U			0.5U		0.5U
TOTAL XYLENES			0.5U			0.5U		
TRANS-1,2-DICHLOROETHENE		0.5U	0.5U			0.5U		0.5U
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE		0.5U	0.5U			0.5U		0.5U
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE		0.5U	0.5U			0.5U		0.5U
TRICHLOROFLUOROMETHANE		0.5U						0.5U
VINYL ACETATE								
VINYL CHLORIDE		0.5U	0.5U			0.5U		0.5U
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	RW-10	RW-11	RW-11	RW-11	RW-2	RW-2	RW-2	RW-3
SAMPLE	95-45764	SW4985	SW4985 DUP	SW4985	KPT-RW-2	SW4856	96-31882	KPT-RW-3
DATE	7/26/1995	8/26/1992	8/26/1992	8/26/1992	6/20/1991	1/31/1992	5/10/1996	6/20/1991
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE	0.5U			0.5U			0.5U	
1,1,1-TRICHLOROETHANE	0.5U			0.5U			0.5U	
1,1,2,2-TETRACHLOROETHANE	0.5U			0.5U			0.5U	
1,1,2-TRICHLOROETHANE	0.5U			0.5U			0.5U	
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE	0.5U			0.5U			0.5U	
1,1-DICHLOROETHENE	0.5U			0.5U			0.5U	
1,1-DICHLOROPROPENE	0.5U			0.5U			0.5U	
1,2,3-TRICHLOROBENZENE	0.5U			0.5U			0.5U	
1,2,3-TRICHLOROPROPANE	0.5U			0.5U			0.5U	
1,2,4-TRIMETHYLBENZENE	0.5U			0.5U			**2.5**	
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE	0.5U			1U			0.5U	
1,2-DIBROMOETHANE	0.5U						0.5U	
1,2-DIBROMOMETHANE				0.5U				
1,2-DICHLOROETHANE	0.5U			0.5U			0.5U	
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE	0.5U			0.5U			0.5U	
1,3,5-TRIMETHYLBENZENE	0.5U			0.5U			**0.54**	
1,3-DICHLOROPROPANE	0.5U			0.5U			0.5U	
2,2-DICHLOROPROPANE	0.5U			0.5U			0.5U	
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE	0.5U			0.5U			0.5U	
2-HEXANONE								
4-CHLOROTOLUENE	0.5U			0.5U			0.5U	
4-ISOPROPYLTOLUENE				0.5U				
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	0.5U			0.5U			0.5U	
BROMOBENZENE	0.5U			0.5U			0.5U	
BROMOCHLOROMETHANE	0.5U			0.5U			0.5U	
BROMODICHLOROMETHANE	0.5U			0.5U			0.5U	
BROMOFORM	0.5U			0.5U			0.5U	
BROMOMETHANE	0.5U			0.5U			0.5U	
CARBON DISULFIDE								
CARBON TETRACHLORIDE	0.5U			0.5U			0.5U	
CHLOROBENZENE	0.5U			0.5U			0.5U	
CHLORODIBROMOMETHANE	0.5U						0.5U	
CHLOROETHANE	0.5U			0.5U			0.5U	
CHLOROFORM	0.5U			0.5U			0.5U	
CHLOROMETHANE (METHYL CHLORIDE)	0.5U			0.5U			0.5U	
CIS-1,2-DICHLOROETHENE	0.5U			0.5U			0.5U	
CIS-1,2-DICHLOROPROPENE				0.5U				
CIS-1,3-DICHLOROPROPENE	0.5U						0.5U	
DIBROMOCHLOROMETHANE				0.5U				
DIBROMOMETHANE	0.5U			0.5U			0.5U	
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE	0.5U			0.5U			0.5U	
DICHLOROMETHANE (METHYLENE CHLORIDE)	0.5U			0.5U			0.5U	
ETHYLBENZENE	0.5U			0.5U			0.5U	
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE	0.5U						0.5U	
ISOPROPYLBENZENE	0.5U			0.5U			**1.7**	
M,P-XYLENES	0.5U			0.5U			0.5U	
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE	0.5U	10U	10U	0.5U	0.1U	**40**	**1.2**	0.1U
N-BUTYLBENZENE	0.5U			0.5U			**0.54**	
O-XYLENE	0.5U			0.5U			0.5U	
SEC-BUTYLBENZENE	0.5U			0.5U			**0.89**	
STYRENE	0.5U			0.5U			0.5U	
TERT-BUTYLBENZENE	0.5U			0.5U			0.5U	
TETRACHLOROETHENE	0.5U			0.5U			0.5U	
TOLUENE	0.5U			0.5U			0.5U	
TOTAL XYLENES	0.5U						0.5U	
TRANS-1,2-DICHLOROETHENE	0.5U			0.5U			0.5U	
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE	0.5U			0.5U			0.5U	
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE	0.5U			0.5U			0.5U	
TRICHLOROFLUOROMETHANE				0.5U				
VINYL ACETATE								
VINYL CHLORIDE	0.5U			0.5U			0.5U	
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	RW-4	RW-4	RW-4	RW-4	RW-4	RW-5	RW-5	RW-5
SAMPLE	KPT-RW-4	SW4854	93W 106883	SW4986	SW4986	KPT-RW-5	SW4853	SW4853
DATE	6/20/1991	1/31/1992	12/16/1993	8/26/1992	8/26/1992	6/20/1991	1/31/1992	1/28/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE					0.5U			0.5U
1,1,1-TRICHLOROETHANE					0.5U			0.5U
1,1,2,2-TETRACHLOROETHANE					0.5U			0.5U
1,1,2-TRICHLOROETHANE					0.5U			0.5U
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE					0.5U			0.5U
1,1-DICHLOROETHENE					0.5U			0.5U
1,1-DICHLOROPROPENE					0.5U			0.5U
1,2,3-TRICHLOROBENZENE					0.5U			0.5U
1,2,3-TRICHLOROPROPANE					0.5U			0.5U
1,2,4-TRIMETHYLBENZENE					0.5U			0.5U
1,2-BROMOMETHANE								0.5U
1,2-DIBROMO-3-CHLOROPROPANE					1U			0.5U
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE					0.5U			
1,2-DICHLOROETHANE					0.5U			0.5U
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE					0.5U			0.5U
1,3,5-TRIMETHYLBENZENE					0.5U			0.5U
1,3-DICHLOROPROPANE					0.5U			0.5U
2,2-DICHLOROPROPANE					0.5U			0.5U
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE					0.5U			0.5U
2-HEXANONE								
4-CHLOROTOLUENE					0.5U			0.5U
4-ISOPROPYLTOLUENE					0.5U			0.5U
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE					0.5U			**1.8**
BROMOBENZENE					0.5U			0.5U
BROMOCHLOROMETHANE					0.5U			0.5U
BROMODICHLOROMETHANE					0.5U			0.5U
BROMOFORM					0.5U			0.5U
BROMOMETHANE					0.5U			0.5U
CARBON DISULFIDE								
CARBON TETRACHLORIDE					0.5U			0.5U
CHLOROBENZENE					0.5U			0.5U
CHLORODIBROMOMETHANE								
CHLOROETHANE					0.5U			0.5U
CHLOROFORM					0.5U			0.5U
CHLOROMETHANE (METHYL CHLORIDE)					0.5U			0.5U
CIS-1,2-DICHLOROETHENE					0.5U			0.5U
CIS-1,2-DICHLOROPROPENE					0.5U			
CIS-1,3-DICHLOROPROPENE								0.5U
DIBROMOCHLOROMETHANE					0.5U			0.5U
DIBROMOMETHANE					0.5U			0.5U
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE					0.5U			0.5U
DICHLOROMETHANE (METHYLENE CHLORIDE)					0.5U			0.5U
ETHYLBENZENE					0.5U			0.5U
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE					0.5U			0.5U
M,P-XYLENES					0.5U			**0.8**
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE	0.1U	**40**	10U	10U	0.5U	0.1U	**40**	0.5U
N-BUTYLBENZENE					0.5U			0.5U
O-XYLENE					0.5U			0.5U
SEC-BUTYLBENZENE					0.5U			0.5U
STYRENE					0.5U			0.5U
TERT-BUTYLBENZENE					0.5U			0.5U
TETRACHLOROETHENE					0.5U			0.5U
TOLUENE					0.5U			0.5U
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE					0.5U			0.5U
TRANS-1,2-DICHLOROPROPENE								0.5U
TRANS-1,3-DICHLOROPROPENE					0.5U			
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE					0.5U			0.5U
TRICHLOROFLUOROMETHANE					0.5U			0.5U
VINYL ACETATE								
VINYL CHLORIDE					0.5U			0.5U
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	RW-5	RW-6	RW-7	RW-7	RW-7	RW-7	RW-7	RW-7
SAMPLE	92-4154	KPT-RW-6	KPT-RW-7	SW4855	93W 106885	94-58395	96-36704	SW4990
DATE	1/20/1992	6/20/1991	6/20/1991	1/31/1992	12/16/1993	11/23/1994	6/4/1996	8/26/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE						0.5U	0.5U	
1,1,1-TRICHLOROETHANE						0.5U	0.5U	
1,1,2,2-TETRACHLOROETHANE						0.5U	0.5U	
1,1,2-TRICHLOROETHANE						0.5U	0.5U	
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE						0.5U	0.5U	
1,1-DICHLOROETHENE						0.5U	0.5U	
1,1-DICHLOROPROPENE						0.5U	0.5U	
1,2,3-TRICHLOROBENZENE						0.5U	0.5U	
1,2,3-TRICHLOROPROPANE						0.5U	0.5U	
1,2,4-TRIMETHYLBENZENE						0.5U	0.5U	
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE						0.5U	0.5U	
1,2-DIBROMOETHANE						0.5U	0.5U	
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE						0.5U	0.5U	
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE						0.5U	0.5U	
1,3,5-TRIMETHYLBENZENE						0.5U	0.5U	
1,3-DICHLOROPROPANE						0.5U	0.5U	
2,2-DICHLOROPROPANE						0.5U	0.5U	
2,4-DINITROPHENOL	50U							
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE						0.5U	0.5U	
2-HEXANONE								
4-CHLOROTOLUENE						0.5U	0.5U	
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE						0.5U	0.5U	
BROMOBENZENE						0.5U	0.5U	
BROMOCHLOROMETHANE						0.5U	0.5U	
BROMODICHLOROMETHANE						0.5U	0.5U	
BROMOFORM						0.5U	0.5U	
BROMOMETHANE						0.5U	0.5U	
CARBON DISULFIDE								
CARBON TETRACHLORIDE						0.5U	0.5U	
CHLOROBENZENE						0.5U	0.5U	
CHLORODIBROMOMETHANE						0.5U	0.5U	
CHLOROETHANE						0.5U	0.5U	
CHLOROFORM						0.5U	0.5U	
CHLOROMETHANE (METHYL CHLORIDE)						0.5U	0.5U	
CIS-1,2-DICHLOROETHENE						0.5U	0.5U	
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE						0.5U	0.5U	
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE						0.5U	0.5U	
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE						0.5U	0.5U	
DICHLOROMETHANE (METHYLENE CHLORIDE)						0.5U	0.5U	
ETHYLBENZENE						0.5U	0.5U	
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE						0.5U	0.5U	
ISOPROPYLBENZENE						0.5U	0.5U	
M,P-XYLENES						0.5U	0.5U	
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE	10U	0.1U	0.1U	**40**	10U	0.5U	0.5U	10U
N-BUTYLBENZENE						0.5U	0.5U	
O-XYLENE						0.5U	0.5U	
SEC-BUTYLBENZENE						0.5U	0.5U	
STYRENE						0.5U	0.5U	
TERT-BUTYLBENZENE						0.5U	0.5U	
TETRACHLOROETHENE						0.5U	0.5U	
TOLUENE						0.5U	0.5U	
TOTAL XYLENES						0.5U	0.5U	
TRANS-1,2-DICHLOROETHENE						0.5U	0.5U	
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE						0.5U	0.5U	
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE						0.5U	0.5U	
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE						0.5U	0.5U	
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	RW-7	RW-7	RW-7	RW-8	RW-9	SW-5	SW-6	SW-7
SAMPLE	SW4990	94-58395	95-45763	KPT-RW-8	KPT-RW-9	SW-5-A	SW-6-A	SW-7-A
DATE	8/26/1992	11/23/1994	7/26/1995	6/20/1991	6/20/1991	6/24/1992	6/24/1992	6/24/1992
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE	0.5U		0.5U					
1,1,1-TRICHLOROETHANE	0.5U		0.5U					
1,1,2,2-TETRACHLOROETHANE	0.5U		0.5U					
1,1,2-TRICHLOROETHANE	0.5U		0.5U					
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE	0.5U		0.5U					
1,1-DICHLOROETHENE	0.5U		0.5U					
1,1-DICHLOROPROPENE	0.5U		0.5U					
1,2,3-TRICHLOROBENZENE	0.5U		0.5U					
1,2,3-TRICHLOROPROPANE	0.5U		0.5U					
1,2,4-TRIMETHYLBENZENE	0.5U		0.5U					
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE	1U		0.5U					
1,2-DIBROMOETHANE			0.5U					
1,2-DIBROMOMETHANE	0.5U							
1,2-DICHLOROETHANE	0.5U		0.5U					
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE	0.5U		0.5U					
1,3,5-TRIMETHYLBENZENE	0.5U		0.5U					
1,3-DICHLOROPROPANE	0.5U		0.5U					
2,2-DICHLOROPROPANE	0.5U		0.5U					
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE	0.5U		0.5U					
2-HEXANONE								
4-CHLOROTOLUENE	0.5U		0.5U					
4-ISOPROPYLTOLUENE	0.5U							
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	0.5U		0.5U					
BROMOBENZENE	0.5U		0.5U					
BROMOCHLOROMETHANE	0.5U		0.5U					
BROMODICHLOROMETHANE	0.5U		0.5U					
BROMOFORM	0.5U		0.5U					
BROMOMETHANE	0.5U		0.5U					
CARBON DISULFIDE								
CARBON TETRACHLORIDE	0.5U		0.5U					
CHLOROBENZENE	0.5U		0.5U					
CHLORODIBROMOMETHANE			0.5U					
CHLOROETHANE	0.5U		0.5U					
CHLOROFORM	0.5U		0.5U					
CHLOROMETHANE (METHYL CHLORIDE)	0.5U		0.5U					
CIS-1,2-DICHLOROETHENE	0.5U		0.5U					
CIS-1,2-DICHLOROPROPENE	0.5U							
CIS-1,3-DICHLOROPROPENE			0.5U					
DIBROMOCHLOROMETHANE	0.5U							
DIBROMOMETHANE	0.5U		0.5U					
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE	0.5U		0.5U					
DICHLOROMETHANE (METHYLENE CHLORIDE)	0.5U		0.5U					
ETHYLBENZENE	0.5U		0.5U					
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE			0.5U					
ISOPROPYLBENZENE	0.5U		0.5U					
M,P-XYLENES	0.5U		0.5U					
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE	0.5U	10U	0.5U	0.1U	0.1U	**1**	**1**	**1**
N-BUTYLBENZENE	0.5U		0.5U					
O-XYLENE	0.5U		0.5U					
SEC-BUTYLBENZENE	0.5U		0.5U					
STYRENE	0.5U		0.5U					
TERT-BUTYLBENZENE	0.5U		0.5U					
TETRACHLOROETHENE	0.5U		0.5U					
TOLUENE	0.5U		0.5U					
TOTAL XYLENES			0.5U					
TRANS-1,2-DICHLOROETHENE	0.5U		0.5U					
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE	0.5U		0.5U					
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE	0.5U		0.5U					
TRICHLOROFLUOROMETHANE	0.5U							
VINYL ACETATE								
VINYL CHLORIDE	0.5U		0.5U					
XYLENE								

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	SW-7	SW-7	SW-7	SW-7	SW-7	SW-8	SW-8	SW-8
SAMPLE	94-50787	95-14218	95-25977	95-43538	95-67392	94-50795	95-14219	95-25978
DATE	10/11/1994	1/19/1995	4/13/1995	7/13/1995	10/26/1995	10/11/1994	1/19/1995	4/13/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	0.5U	0.5U	0.5U	0.5U	0.5U	**132**	**1.7**	**5.7**
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.5U	0.5U	0.5U	0.5U	0.5U	**301**	**0.56**	**2.3**
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER								
NAPHTHALENE								
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	0.5U	0.5U	0.5U	0.5U	0.5U	**93**	**0.69**	**0.76**
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE	1U	1U	1U	1U	1U	**1040**	**4.8**	**9**

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	SW-8	SW-8	SW-8	SW-9	SW-9	SW-9	SW-9	SW-9
SAMPLE	95-43532	95-67394	96-43778	94-50788	95-14220	95-25979	95-43533	95-67393
DATE	7/13/1995	10/26/1995	7/17/1996	10/11/1994	1/19/1995	4/17/1995	7/12/1995	10/26/1995
UNITS	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE								
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1,2-TRICHLOROTRIFLUOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,1-DICHLOROPROPENE								
1,2,3-TRICHLOROBENZENE								
1,2,3-TRICHLOROPROPANE								
1,2,4-TRIMETHYLBENZENE								
1,2-BROMOMETHANE								
1,2-DIBROMO-3-CHLOROPROPANE								
1,2-DIBROMOETHANE								
1,2-DIBROMOMETHANE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
1,3,5-TRIMETHYLBENZENE								
1,3-DICHLOROPROPANE								
2,2-DICHLOROPROPANE								
2,4-DINITROPHENOL								
2-BUTANONE								
2-CHLOROETHYL VINYL ETHER								
2-CHLOROTOLUENE								
2-HEXANONE								
4-CHLOROTOLUENE								
4-ISOPROPYLTOLUENE								
4-METHYL-2-PENTANONE								
ACETONE								
ACROLEIN								
ACRYLONITRILE								
BENZENE	**98**	**11**	**23**	**84**	**36**	**24**	**15**	**44**
BROMOBENZENE								
BROMOCHLOROMETHANE								
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLORODIBROMOMETHANE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,2-DICHLOROETHENE								
CIS-1,2-DICHLOROPROPENE								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DIBROMOMETHANE								
DICHLOROBROMOMETHANE								
DICHLORODIFLUOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	**67**	**2.1**	**1.4**	**23**	**6.1**	**6.8**	**13**	**15**
ETHYLENE DIBROMIDE								
FLUOROTRICHLOROMETHANE								
ISOPROPYLBENZENE								
M,P-XYLENES								
METHYL BROMIDE								
METHYL ETHYL KETONE								
METHYL IODIDE								
METHYL ISOBUTYL KETONE								
METHYL TERT-BUTYL ETHER			2U					
NAPHTHALENE								
N-BUTYLBENZENE								
O-XYLENE								
SEC-BUTYLBENZENE								
STYRENE								
TERT-BUTYLBENZENE								
TETRACHLOROETHENE								
TOLUENE	**26**	**0.83**	**3.1**	**9.7**	**2.3**	**4.2**	0.5U	**1.9**
TOTAL XYLENES								
TRANS-1,2-DICHLOROETHENE								
TRANS-1,2-DICHLOROPROPENE								
TRANS-1,3-DICHLOROPROPENE								
TRANS-1,4-DICHLORO-2-BUTENE								
TRICHLOROETHENE								
TRICHLOROFLUOROMETHANE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE	**469**	**3.7**	**34**	**55**	**13**	**9.8**	**24**	**1.3**

Appendix D - Groundwater Data
Volatile Organic Compound 2

STATION	SW-9	UNKNOWN	UNKNOWN
SAMPLE	96-43776	STRUNK	CAMERON
DATE	7/17/1996	1/27/1995	1/27/1995
UNITS	UG/L	UG/L	UG/L
1,1,1,2-TETRACHLOROETHANE			
1,1,1-TRICHLOROETHANE			
1,1,2,2-TETRACHLOROETHANE			
1,1,2-TRICHLOROETHANE			
1,1,2-TRICHLOROTRIFLUOROETHANE			
1,1-DICHLOROETHANE			
1,1-DICHLOROETHENE			
1,1-DICHLOROPROPENE			
1,2,3-TRICHLOROBENZENE			
1,2,3-TRICHLOROPROPANE			
1,2,4-TRIMETHYLBENZENE			
1,2-BROMOMETHANE			
1,2-DIBROMO-3-CHLOROPROPANE			
1,2-DIBROMOETHANE			
1,2-DIBROMOMETHANE			
1,2-DICHLOROETHANE			
1,2-DICHLOROETHENE			
1,2-DICHLOROPROPANE			
1,3,5-TRIMETHYLBENZENE			
1,3-DICHLOROPROPANE			
2,2-DICHLOROPROPANE			
2,4-DINITROPHENOL			
2-BUTANONE			
2-CHLOROETHYL VINYL ETHER			
2-CHLOROTOLUENE			
2-HEXANONE			
4-CHLOROTOLUENE			
4-ISOPROPYLTOLUENE			
4-METHYL-2-PENTANONE			
ACETONE			
ACROLEIN			
ACRYLONITRILE			
BENZENE	**95**		
BROMOBENZENE			
BROMOCHLOROMETHANE			
BROMODICHLOROMETHANE			
BROMOFORM			
BROMOMETHANE			
CARBON DISULFIDE			
CARBON TETRACHLORIDE			
CHLOROBENZENE			
CHLORODIBROMOMETHANE			
CHLOROETHANE			
CHLOROFORM			
CHLOROMETHANE (METHYL CHLORIDE)			
CIS-1,2-DICHLOROETHENE			
CIS-1,2-DICHLOROPROPENE			
CIS-1,3-DICHLOROPROPENE			
DIBROMOCHLOROMETHANE			
DIBROMOMETHANE			
DICHLOROBROMOMETHANE			
DICHLORODIFLUOROMETHANE			
DICHLOROMETHANE (METHYLENE CHLORIDE)			
ETHYLBENZENE	**49**		
ETHYLENE DIBROMIDE			
FLUOROTRICHLOROMETHANE			
ISOPROPYLBENZENE			
M,P-XYLENES			
METHYL BROMIDE			
METHYL ETHYL KETONE			
METHYL IODIDE			
METHYL ISOBUTYL KETONE			
METHYL TERT-BUTYL ETHER	2U		
NAPHTHALENE		10U	10U
N-BUTYLBENZENE			
O-XYLENE			
SEC-BUTYLBENZENE			
STYRENE			
TERT-BUTYLBENZENE			
TETRACHLOROETHENE			
TOLUENE	**16**		
TOTAL XYLENES			
TRANS-1,2-DICHLOROETHENE			
TRANS-1,2-DICHLOROPROPENE			
TRANS-1,3-DICHLOROPROPENE			
TRANS-1,4-DICHLORO-2-BUTENE			
TRICHLOROETHENE			
TRICHLOROFLUOROMETHANE			
VINYL ACETATE			
VINYL CHLORIDE			
XYLENE	**30**		

Appendix D - Groundwater Data
Volatile Organic Compound 2

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

UG/L	Micrograms per liter
NP	Samples collected using a no-purge method
B	Compound detected in method blank
D	Sample dilution
J	Estimated concentration
M	Low or poor spectral match; value should be considered estimated
U	Analyte analyzed for but not detected; reported with detection limit value
Y	Indicates a raised detection limit due to matrix interference

Appendix D - Product, Sludge, and Waste Data

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

FT	Feet
MG/KG	Milligrams per kilogram
NG/KG	Nanograms per kilogram
PCP	Pentachlorophenol
PG/L	Picograms per liter
SVOC	Semi-Volatile Organic Compounds
UG/L	Micrograms per liter
VOC	Volatile Organic Compounds
B	Compound detected in method blank
J	Concentration detected is below the calibration range
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Product, Sludge, and Waste Data

MEDIA	ANALYTE GROUP	STATION	GW-3	GW-3	GWRR-5	GWRR-7	GWY-4	RR-SL-1	RR-SL-1	RR-SL-2	RR-SL-2	SL-1-89
		SAMPLE	KPP-GW-3	GW-3	98-24690	98-24689	MW-4	HC-395	MHC-551	HC-396	MHC-552	KPP-SL-1
		DEPTH (FT)										0-0.25
		DATE	11/18/1988	8/20/1991	3/31/1998	3/31/1998	9/25/1985	3/2/1986	3/2/1986	3/2/1986	3/2/1986	11/15/1988
		UNITS	PG/L	UG/L	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	NG/KG
PRODUCT	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDD	**1300000000**									
PRODUCT	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDF	**110000000**									
PRODUCT	PCP ONLY	PENTACHLOROPHENOL		**1300000**								
PRODUCT	SVOC	1,2,4-TRICHLOROBENZENE					20U					
PRODUCT	SVOC	1,2-DICHLOROBENZENE					20U					
PRODUCT	SVOC	1,2-DIPHENYLHYDRAZINE					40U					
PRODUCT	SVOC	1,3-DICHLOROBENZENE					20U					
PRODUCT	SVOC	1,4-DICHLOROBENZENE					20U					
PRODUCT	SVOC	2,3,4,6-TETRACHLOROPHENOL		100000U								
PRODUCT	SVOC	2,4,6-TRICHLOROPHENOL		100000U								
PRODUCT	SVOC	2,4-DIMETHYLPHENOL		100000U								
PRODUCT	SVOC	2,4-DINITROPHENOL		100000U								
PRODUCT	SVOC	2,4-DINITROTOLUENE					100U					
PRODUCT	SVOC	2,6-DINITROTOLUENE					100U					
PRODUCT	SVOC	2-CHLORONAPHTHALENE					20U					
PRODUCT	SVOC	2-CHLOROPHENOL		100000U								
PRODUCT	SVOC	3,3'-DICHLOROBENZIDINE					100U					
PRODUCT	SVOC	4-BROMOPHENYL-PHENYLETHER					60U					
PRODUCT	SVOC	4-CHLORO-3-METHYLPHENOL		100000U								
PRODUCT	SVOC	4-CHLOROPHENYL-PHENYLETHER					40U					
PRODUCT	SVOC	ACENAPHTHENE					20U					
PRODUCT	SVOC	ACENAPHTHYLENE		100000U			**74**					
PRODUCT	SVOC	ANTHRACENE					20U					
PRODUCT	SVOC	BENZIDINE					1000U					
PRODUCT	SVOC	BENZO(A)ANTHRACENE		100000U			**36**					
PRODUCT	SVOC	BENZO(A)PYRENE		100000U			40U					
PRODUCT	SVOC	BENZO(B)FLUORANTHENE		100000U								
PRODUCT	SVOC	BENZO(B,K)FLUORANTHENE					40U					
PRODUCT	SVOC	BENZO(G,H,I)PERYLENE					60U					
PRODUCT	SVOC	BIS(2-CHLOROETHOXY)METHANE					20U					
PRODUCT	SVOC	BIS(2-CHLOROETHYL)ETHER					20U					
PRODUCT	SVOC	BIS(2-CHLOROISOPROPYL)ETHER					20U					
PRODUCT	SVOC	BIS(2-ETHYLHEXYL)PHTHALATE					200U					
PRODUCT	SVOC	BUTYL BENZYL PHTHALATE					20U					
PRODUCT	SVOC	CARBAZOLE		100000U								
PRODUCT	SVOC	CHRYSENE					**34**					
PRODUCT	SVOC	DIBENZ(A,H)ANTHRACENE		100000U								
PRODUCT	SVOC	DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)					60U					
PRODUCT	SVOC	DIETHYL PHTHALATE					20U					
PRODUCT	SVOC	DIMETHYL PHTHALATE					20U					
PRODUCT	SVOC	DI-N-BUTYL PHTHALATE					20U					
PRODUCT	SVOC	DI-N-OCTYL PHTHALATE					20U					
PRODUCT	SVOC	FLUORANTHENE		100000U			20U					
PRODUCT	SVOC	FLUORENE					**220**					
PRODUCT	SVOC	HEXACHLOROBENZENE					40U					
PRODUCT	SVOC	HEXACHLOROBUTADIENE					40U					
PRODUCT	SVOC	HEXACHLOROCYCLOPENTADIENE					100U					
PRODUCT	SVOC	HEXACHLOROETHANE					20U					
PRODUCT	SVOC	INDENO(1,2,3-CD)PYRENE		100000U			60U					
PRODUCT	SVOC	ISOPHORONE					20U					
PRODUCT	SVOC	NITROBENZENE					40U					
PRODUCT	SVOC	N-NITROSODIMETHYLAMINE					60U					
PRODUCT	SVOC	N-NITROSODI-N-PROPYLAMINE					40U					
PRODUCT	SVOC	N-NITROSODIPHENYLAMINE					**1100**					
PRODUCT	SVOC	PHENANTHRENE		**3300000**			**220**					
PRODUCT	SVOC	PHENOL		100000U								
PRODUCT	SVOC	PYRENE					20U					
PRODUCT	VOC	NAPHTHALENE		100000U			**660**					
SLUDGE	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDD										**11000**
SLUDGE	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDF										6900U
SLUDGE	METAL	ALUMINUM							**1890**		**1360**	
SLUDGE	METAL	ANTIMONY							3.3U		3.1U	
SLUDGE	METAL	ARSENIC										
SLUDGE	METAL	BARIUM										
SLUDGE	METAL	BERYLLIUM							**0.94**		**0.36**	
SLUDGE	METAL	CADMIUM							0.22U		0.21U	
SLUDGE	METAL	CALCIUM							**3100**		**5740**	
SLUDGE	METAL	CHROMIUM							**33**		**14**	
SLUDGE	METAL	COBALT							**2.8**		**2.6**	
SLUDGE	METAL	COPPER							**9.4**		**65**	
SLUDGE	METAL	IRON							**2890J**		**13200J**	
SLUDGE	METAL	LEAD							**33J**			
SLUDGE	METAL	MAGNESIUM							**1040**		**779**	
SLUDGE	METAL	MANGANESE							**82**		**155**	
SLUDGE	METAL	MERCURY										
SLUDGE	METAL	NICKEL										
SLUDGE	METAL	POTASSIUM							**1040**		**992**	
SLUDGE	METAL	SELENIUM										
SLUDGE	METAL	SILVER							0.52U		0.57U	
SLUDGE	METAL	SODIUM							275U		**416**	
SLUDGE	METAL	THALLIUM							0.55U		0.52U	
SLUDGE	METAL	TIN										
SLUDGE	METAL	TOTAL CHROMIUM										
SLUDGE	METAL	TOTAL CYANIDE										
SLUDGE	METAL	VANADIUM										
SLUDGE	METAL	ZINC							**9.9**		**39**	
SLUDGE	PCP ONLY	PENTACHLOROPHENOL						**0.038J**		**1.2J**		
SLUDGE	PESTICIDE	4,4'-DDD										
SLUDGE	PESTICIDE	4,4'-DDE										
SLUDGE	PESTICIDE	4,4'-DDT										
SLUDGE	PESTICIDE	ALDRIN										
SLUDGE	PESTICIDE	ALPHA BHC										
SLUDGE	PESTICIDE	AROCLOR 1016										
SLUDGE	PESTICIDE	AROCLOR 1221										
SLUDGE	PESTICIDE	AROCLOR 1232										
SLUDGE	PESTICIDE	AROCLOR 1242										
SLUDGE	PESTICIDE	AROCLOR 1248										
SLUDGE	PESTICIDE	AROCLOR 1254										
SLUDGE	PESTICIDE	AROCLOR 1260										
SLUDGE	PESTICIDE	BETA BHC										
SLUDGE	PESTICIDE	CHLORDANE										
SLUDGE	PESTICIDE	DELTA BHC										
SLUDGE	PESTICIDE	DIELDREN										
SLUDGE	PESTICIDE	ENDOSULFAN I										
SLUDGE	PESTICIDE	ENDOSULFAN II										
SLUDGE	PESTICIDE	ENDOSULFAN SULFATE										
SLUDGE	PESTICIDE	ENDRIN										
SLUDGE	PESTICIDE	ENDRIN ALDEHYDE										
SLUDGE	PESTICIDE	GAMMA BHC (LINDANE)										
SLUDGE	PESTICIDE	HEPTACHLOR										

MEDIA	ANALYTE GROUP	STATION	GW-3	GW-3	GWRR-5	GWRR-7	GWY-4	RR-SL-1	RR-SL-1	RR-SL-2	RR-SL-2	SL-1-89
		SAMPLE	KPP-GW-3	GW-3	98-24690	98-24689	MW-4	HC-395	MHC-551	HC-396	MHC-552	KPP-SL-1
		DEPTH (FT)										0-0.25
		DATE	11/18/1988	8/20/1991	3/31/1998	3/31/1998	9/25/1985	3/2/1986	3/2/1986	3/2/1986	3/2/1986	11/15/1988
		UNITS	PG/L	UG/L	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	NG/KG
SLUDGE	PESTICIDE	HEPTACHLOR EPOXIDE										
SLUDGE	PESTICIDE	METHOXYCHLOR										
SLUDGE	PESTICIDE	TOXAPHENE										
SLUDGE	SVOC	1,2,4-TRICHLOROBENZENE										
SLUDGE	SVOC	1,2-DICHLOROBENZENE										
SLUDGE	SVOC	1,2-DIPHENYLHYDRAZINE										
SLUDGE	SVOC	1,3-DICHLOROBENZENE										
SLUDGE	SVOC	1,4-DICHLOROBENZENE										
SLUDGE	SVOC	2,4,5-TRICHLOROPHENOL										
SLUDGE	SVOC	2,4,6-TRICHLOROPHENOL										
SLUDGE	SVOC	2,4-DICHLOROPHENOL										
SLUDGE	SVOC	2,4-DIMETHYLPHENOL										
SLUDGE	SVOC	2,4-DINITROPHENOL										
SLUDGE	SVOC	2,4-DINITROTOLUENE										
SLUDGE	SVOC	2,6-DINITROTOLUENE										
SLUDGE	SVOC	2-CHLORONAPHTHALENE										
SLUDGE	SVOC	2-CHLOROPHENOL										
SLUDGE	SVOC	2-METHYLNAPHTHALENE						0.33U		0.33U		
SLUDGE	SVOC	2-METHYLPHENOL										
SLUDGE	SVOC	2-NITROANILINE										
SLUDGE	SVOC	2-NITROPHENOL										
SLUDGE	SVOC	3,3'-DICHLOROBENZIDINE										
SLUDGE	SVOC	3-NITROANILINE										
SLUDGE	SVOC	4,6-DINITRO-2-METHYLPHENOL										
SLUDGE	SVOC	4-BROMOPHENYL-PHENYLETHER										
SLUDGE	SVOC	4-CHLORO-3-METHYLPHENOL										
SLUDGE	SVOC	4-CHLOROANILINE										
SLUDGE	SVOC	4-CHLOROPHENYL-PHENYLETHER										
SLUDGE	SVOC	4-METHYLPHENOL										
SLUDGE	SVOC	4-NITROANILINE										
SLUDGE	SVOC	4-NITROPHENOL										
SLUDGE	SVOC	ACENAPHTHENE										
SLUDGE	SVOC	ACENAPHTHYLENE										
SLUDGE	SVOC	ANTHRACENE						**43J**		**47J**		
SLUDGE	SVOC	BENZIDINE										
SLUDGE	SVOC	BENZO(A)ANTHRACENE										
SLUDGE	SVOC	BENZO(A)PYRENE										
SLUDGE	SVOC	BENZO(B)FLUORANTHENE										
SLUDGE	SVOC	BENZO(B,K)FLUORANTHENE										
SLUDGE	SVOC	BENZO(G,H,I)PERYLENE										
SLUDGE	SVOC	BENZO(K)FLUORANTHENE										
SLUDGE	SVOC	BENZOIC ACID										
SLUDGE	SVOC	BENZYL ALCOHOL										
SLUDGE	SVOC	BIS(2-CHLOROETHOXY)METHANE										
SLUDGE	SVOC	BIS(2-CHLOROETHYL)ETHER										
SLUDGE	SVOC	BIS(2-CHLOROISOPROPYL)ETHER										
SLUDGE	SVOC	BIS(2-ETHYLHEXYL)PHTHALATE										
SLUDGE	SVOC	BUTYL BENZYL PHTHALATE										
SLUDGE	SVOC	CHRYSENE										
SLUDGE	SVOC	DIBENZ(A,H)ANTHRACENE										
SLUDGE	SVOC	DIBENZOFURAN										
SLUDGE	SVOC	DIETHYL PHTHALATE						0.33U		0.33U		
SLUDGE	SVOC	DIMETHYL PHTHALATE										
SLUDGE	SVOC	DI-N-BUTYL PHTHALATE										
SLUDGE	SVOC	DI-N-OCTYL PHTHALATE						0.33U		0.33U		
SLUDGE	SVOC	FLOURENE						0.33U		**42J**		
SLUDGE	SVOC	FLUORANTHENE										
SLUDGE	SVOC	FLUORENE										
SLUDGE	SVOC	HEXACHLOROBENZENE										
SLUDGE	SVOC	HEXACHLOROBUTADIENE										
SLUDGE	SVOC	HEXACHLOROCYCLOPENTADIENE										
SLUDGE	SVOC	HEXACHLOROETHANE										
SLUDGE	SVOC	INDENO(1,2,3-CD)PYRENE										
SLUDGE	SVOC	ISOPHORONE										
SLUDGE	SVOC	NITROBENZENE										
SLUDGE	SVOC	N-NITROSODIMETHYLAMINE										
SLUDGE	SVOC	N-NITROSODI-N-PROPYLAMINE										
SLUDGE	SVOC	N-NITROSODIPHENYLAMINE						0.33U		**890**		
SLUDGE	SVOC	PHENANTHRENE						**40J**		**350**		
SLUDGE	SVOC	PHENOL										
SLUDGE	SVOC	PYRENE										
SLUDGE	VOC	1,1,1-TRICHLOROETHANE										
SLUDGE	VOC	1,1,2,2-TETRACHLOROETHANE										
SLUDGE	VOC	1,1,2-TRICHLOROETHANE										
SLUDGE	VOC	1,1-DICHLOROETHANE										
SLUDGE	VOC	1,1-DICHLOROETHENE										
SLUDGE	VOC	1,2-DICHLOROETHANE										
SLUDGE	VOC	1,2-DICHLOROETHENE										
SLUDGE	VOC	1,2-DICHLOROPROPANE										
SLUDGE	VOC	2-BUTANONE						1UJ		13UB		
SLUDGE	VOC	2-CHLOROETHYL VINYL ETHER										
SLUDGE	VOC	2-HEXANONE						1UJ		1U		
SLUDGE	VOC	4-METHYL-2-PENTANONE										
SLUDGE	VOC	ACETONE						4.1UB		8.2UB		
SLUDGE	VOC	BENZENE						0.5U		0.5U		
SLUDGE	VOC	BROMODICHLOROMETHANE										
SLUDGE	VOC	BROMOFORM										
SLUDGE	VOC	BROMOMETHANE										
SLUDGE	VOC	CARBON DISULFIDE						0.5U		0.5U		
SLUDGE	VOC	CARBON TETRACHLORIDE										
SLUDGE	VOC	CHLOROBENZENE										
SLUDGE	VOC	CHLORODIBROMOMETHANE										
SLUDGE	VOC	CHLOROETHANE										
SLUDGE	VOC	CHLOROFORM										
SLUDGE	VOC	CHLOROMETHANE (METHYL CHLORIDE)										
SLUDGE	VOC	CIS-1,3-DICHLOROPROPENE										
SLUDGE	VOC	DIBROMOCHLOROMETHANE										
SLUDGE	VOC	DICHLOROMETHANE (METHYLENE CHLORIDE)										
SLUDGE	VOC	ETHYLBENZENE										
SLUDGE	VOC	METHYLENE CHLORIDE						4.7UB		7.4UB		
SLUDGE	VOC	M-XYLENE										
SLUDGE	VOC	NAPHTHALENE										
SLUDGE	VOC	O,P-XYLENES										

Appendix D - Product, Sludge, and Waste Data

MEDIA	ANALYTE GROUP	STATION	GW-3	GW-3	GWRR-5	GWRR-7	GWY-4	RR-SL-1	RR-SL-1	RR-SL-2	RR-SL-2	SL-1-89
		SAMPLE	KPP-GW-3	GW-3	98-24690	98-24689	MW-4	HC-395	MHC-551	HC-396	MHC-552	KPP-SL-1
		DEPTH (FT)										0-0.25
		DATE	11/18/1988	8/20/1991	3/31/1998	3/31/1998	9/25/1985	3/2/1986	3/2/1986	3/2/1986	3/2/1986	11/15/1988
		UNITS	PG/L	UG/L	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	NG/KG
SLUDGE	VOC	STYRENE										
SLUDGE	VOC	TETRACHLOROETHENE										
SLUDGE	VOC	TOLUENE						0.5U		0.5U		
SLUDGE	VOC	TOTAL XYLENES						0.5U		0.5U		
SLUDGE	VOC	TRANS-1,2-DICHLOROETHENE										
SLUDGE	VOC	TRANS-1,3-DICHLOROPROPENE										
SLUDGE	VOC	TRICHLOROETHENE										
SLUDGE	VOC	VINYL ACETATE										
SLUDGE	VOC	VINYL CHLORIDE										
SLUDGE	VOC	XYLENE										
WASTE	PETROLEUM HYDROCARBON	DIESEL RANGE ORGANICS			**614000**	**535000**						
WASTE	PETROLEUM HYDROCARBON	DIESEL RANGE ORGANICS AS DIESEL			30000U	30000U						
WASTE	PETROLEUM HYDROCARBON	TOTAL EXTRACTABLE HYDROCARBONS			**773000**	**703000**						

MEDIA	ANALYTE GROUP	STATION	SL-1-89	SL-1-89	SM #1	SM-C
		SAMPLE	KPP-SL-1	KPP-SL-1	SOURCEMATERIAL1	Source Material C
		DEPTH (FT)	0-0.25	0-0.25		
		DATE	11/15/1988	11/15/1988	9/25/1985	2/7/1986
		UNITS	MG/KG	MG/KG	MG/KG	MG/KG
PRODUCT	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDD				
PRODUCT	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDF				
PRODUCT	PCP ONLY	PENTACHLOROPHENOL				
PRODUCT	SVOC	1,2,4-TRICHLOROBENZENE				
PRODUCT	SVOC	1,2-DICHLOROBENZENE				
PRODUCT	SVOC	1,2-DIPHENYLHYDRAZINE				
PRODUCT	SVOC	1,3-DICHLOROBENZENE				
PRODUCT	SVOC	1,4-DICHLOROBENZENE				
PRODUCT	SVOC	2,3,4,6-TETRACHLOROPHENOL				
PRODUCT	SVOC	2,4,6-TRICHLOROPHENOL				
PRODUCT	SVOC	2,4-DIMETHYLPHENOL				
PRODUCT	SVOC	2,4-DINITROPHENOL				
PRODUCT	SVOC	2,4-DINITROTOLUENE				
PRODUCT	SVOC	2,6-DINITROTOLUENE				
PRODUCT	SVOC	2-CHLORONAPHTHALENE				
PRODUCT	SVOC	2-CHLOROPHENOL				
PRODUCT	SVOC	3,3'-DICHLOROBENZIDINE				
PRODUCT	SVOC	4-BROMOPHENYL-PHENYLETHER				
PRODUCT	SVOC	4-CHLORO-3-METHYLPHENOL				
PRODUCT	SVOC	4-CHLOROPHENYL-PHENYLETHER				
PRODUCT	SVOC	ACENAPHTHENE				
PRODUCT	SVOC	ACENAPHTHYLENE				
PRODUCT	SVOC	ANTHRACENE				
PRODUCT	SVOC	BENZIDINE				
PRODUCT	SVOC	BENZO(A)ANTHRACENE				
PRODUCT	SVOC	BENZO(A)PYRENE				
PRODUCT	SVOC	BENZO(B)FLUORANTHENE				
PRODUCT	SVOC	BENZO(B,K)FLUORANTHENE				
PRODUCT	SVOC	BENZO(G,H,I)PERYLENE				
PRODUCT	SVOC	BIS(2-CHLOROETHOXY)METHANE				
PRODUCT	SVOC	BIS(2-CHLOROETHYL)ETHER				
PRODUCT	SVOC	BIS(2-CHLOROISOPROPYL)ETHER				
PRODUCT	SVOC	BIS(2-ETHYLHEXYL)PHTHALATE				
PRODUCT	SVOC	BUTYL BENZYL PHTHALATE				
PRODUCT	SVOC	CARBAZOLE				
PRODUCT	SVOC	CHRYSENE				
PRODUCT	SVOC	DIBENZ(A,H)ANTHRACENE				
PRODUCT	SVOC	DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)				
PRODUCT	SVOC	DIETHYL PHTHALATE				
PRODUCT	SVOC	DIMETHYL PHTHALATE				
PRODUCT	SVOC	DI-N-BUTYL PHTHALATE				
PRODUCT	SVOC	DI-N-OCTYL PHTHALATE				
PRODUCT	SVOC	FLUORANTHENE				
PRODUCT	SVOC	FLUORENE				
PRODUCT	SVOC	HEXACHLOROBENZENE				
PRODUCT	SVOC	HEXACHLOROBUTADIENE				
PRODUCT	SVOC	HEXACHLOROCYCLOPENTADIENE				
PRODUCT	SVOC	HEXACHLOROETHANE				
PRODUCT	SVOC	INDENO(1,2,3-CD)PYRENE				
PRODUCT	SVOC	ISOPHORONE				
PRODUCT	SVOC	NITROBENZENE				
PRODUCT	SVOC	N-NITROSODIMETHYLAMINE				
PRODUCT	SVOC	N-NITROSODI-N-PROPYLAMINE				
PRODUCT	SVOC	N-NITROSODIPHENYLAMINE				
PRODUCT	SVOC	PHENANTHRENE				
PRODUCT	SVOC	PHENOL				
PRODUCT	SVOC	PYRENE				
PRODUCT	VOC	NAPHTHALENE				
SLUDGE	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDD				
SLUDGE	DIOXIN/FURAN	1,2,3,4,6,7,8,9-OCDF				
SLUDGE	METAL	ALUMINUM	20U			**14**
SLUDGE	METAL	ANTIMONY	0.6U			0.05U
SLUDGE	METAL	ARSENIC	0.6U			0.05U
SLUDGE	METAL	BARIUM	1U			**0.5**
SLUDGE	METAL	BERYLLIUM	0.2U			0.05U
SLUDGE	METAL	CADMIUM	0.8U			0.5U
SLUDGE	METAL	CALCIUM	30U			**40**
SLUDGE	METAL	CHROMIUM	1.5U			
SLUDGE	METAL	COBALT	2U			1U
SLUDGE	METAL	COPPER	4U			1U
SLUDGE	METAL	IRON	**36**			**16**
SLUDGE	METAL	LEAD	**10.5**			**9**
SLUDGE	METAL	MAGNESIUM	20U			**12**
SLUDGE	METAL	MANGANESE	**2B**			**1.1**
SLUDGE	METAL	MERCURY	0.05U			0.1U
SLUDGE	METAL	NICKEL	5U			**1.6**
SLUDGE	METAL	POTASSIUM	**261B**			**4**
SLUDGE	METAL	SELENIUM	0.7U			0.05U
SLUDGE	METAL	SILVER	**0.2B**			0.005U
SLUDGE	METAL	SODIUM	**30B**			**9.4**
SLUDGE	METAL	THALLIUM	0.1U			0.02U
SLUDGE	METAL	TIN	10U			0.2U
SLUDGE	METAL	TOTAL CHROMIUM				0.5U
SLUDGE	METAL	TOTAL CYANIDE				0.1U
SLUDGE	METAL	VANADIUM	3U			**3.1**
SLUDGE	METAL	ZINC	1U			**2.2**
SLUDGE	PCP ONLY	PENTACHLOROPHENOL				500U
SLUDGE	PESTICIDE	4,4'-DDD				0.042U
SLUDGE	PESTICIDE	4,4'-DDE				0.018U
SLUDGE	PESTICIDE	4,4'-DDT				0.06U
SLUDGE	PESTICIDE	ALDRIN				0.009U
SLUDGE	PESTICIDE	ALPHA BHC				0.004U
SLUDGE	PESTICIDE	AROCLOR 1016				0.3U
SLUDGE	PESTICIDE	AROCLOR 1221				1.2U
SLUDGE	PESTICIDE	AROCLOR 1232				0.36U
SLUDGE	PESTICIDE	AROCLOR 1242				0.3U
SLUDGE	PESTICIDE	AROCLOR 1248				0.3U
SLUDGE	PESTICIDE	AROCLOR 1254				**3.522**
SLUDGE	PESTICIDE	AROCLOR 1260				0.45U
SLUDGE	PESTICIDE	BETA BHC				0.012U
SLUDGE	PESTICIDE	CHLORDANE				0.24U
SLUDGE	PESTICIDE	DELTA BHC				0.009U
SLUDGE	PESTICIDE	DIELDREN				0.024U
SLUDGE	PESTICIDE	ENDOSULFAN I				0.024U
SLUDGE	PESTICIDE	ENDOSULFAN II				0.036U
SLUDGE	PESTICIDE	ENDOSULFAN SULFATE				0.06U
SLUDGE	PESTICIDE	ENDRIN				0.06U
SLUDGE	PESTICIDE	ENDRIN ALDEHYDE				0.075U
SLUDGE	PESTICIDE	GAMMA BHC (LINDANE)				0.006U
SLUDGE	PESTICIDE	HEPTACHLOR				0.012U

MEDIA	ANALYTE GROUP	STATION	SL-1-89	SL-1-89	SM #1	SM-C
		SAMPLE	KPP-SL-1	KPP-SL-1	SOURCEMATERIAL1	Source Material C
		DEPTH (FT)	0-0.25	0-0.25		
		DATE	11/15/1988	11/15/1988	9/25/1985	2/7/1986
		UNITS	MG/KG	MG/KG	MG/KG	MG/KG
SLUDGE	PESTICIDE	HEPTACHLOR EPOXIDE				0.015U
SLUDGE	PESTICIDE	METHOXYCHLOR				0.15U
SLUDGE	PESTICIDE	TOXAPHENE				2.7U
SLUDGE	SVOC	1,2,4-TRICHLOROBENZENE			20U	90U
SLUDGE	SVOC	1,2-DICHLOROBENZENE			20U	90U
SLUDGE	SVOC	1,2-DIPHENYLHYDRAZINE			40U	
SLUDGE	SVOC	1,3-DICHLOROBENZENE			20U	90U
SLUDGE	SVOC	1,4-DICHLOROBENZENE			20U	90U
SLUDGE	SVOC	2,4,5-TRICHLOROPHENOL				500U
SLUDGE	SVOC	2,4,6-TRICHLOROPHENOL				300U
SLUDGE	SVOC	2,4-DICHLOROPHENOL				200U
SLUDGE	SVOC	2,4-DIMETHYLPHENOL				90U
SLUDGE	SVOC	2,4-DINITROPHENOL				500U
SLUDGE	SVOC	2,4-DINITROTOLUENE			100U	500U
SLUDGE	SVOC	2,6-DINITROTOLUENE			100U	500U
SLUDGE	SVOC	2-CHLORONAPHTHALENE			20U	90U
SLUDGE	SVOC	2-CHLOROPHENOL				90U
SLUDGE	SVOC	2-METHYLNAPHTHALENE				**120**
SLUDGE	SVOC	2-METHYLPHENOL				300U
SLUDGE	SVOC	2-NITROANILINE				2000U
SLUDGE	SVOC	2-NITROPHENOL				200U
SLUDGE	SVOC	3,3'-DICHLOROBENZIDINE			100U	500U
SLUDGE	SVOC	3-NITROANILINE				2000U
SLUDGE	SVOC	4,6-DINITRO-2-METHYLPHENOL				500U
SLUDGE	SVOC	4-BROMOPHENYL-PHENYLETHER			60U	300U
SLUDGE	SVOC	4-CHLORO-3-METHYLPHENOL				200U
SLUDGE	SVOC	4-CHLOROANILINE				500U
SLUDGE	SVOC	4-CHLOROPHENYL-PHENYLETHER			40U	200U
SLUDGE	SVOC	4-METHYLPHENOL				300U
SLUDGE	SVOC	4-NITROANILINE				2000U
SLUDGE	SVOC	4-NITROPHENOL				500U
SLUDGE	SVOC	ACENAPHTHENE			**63**	90U
SLUDGE	SVOC	ACENAPHTHYLENE			**21**	90U
SLUDGE	SVOC	ANTHRACENE			**92**	90U
SLUDGE	SVOC	BENZIDINE			1000U	
SLUDGE	SVOC	BENZO(A)ANTHRACENE			**140**	90U
SLUDGE	SVOC	BENZO(A)PYRENE			**50**	200U
SLUDGE	SVOC	BENZO(B)FLUORANTHENE				200U
SLUDGE	SVOC	BENZO(B,K)FLUORANTHENE			**35J**	
SLUDGE	SVOC	BENZO(G,H,I)PERYLENE			60U	300U
SLUDGE	SVOC	BENZO(K)FLUORANTHENE				200U
SLUDGE	SVOC	BENZOIC ACID				2000U
SLUDGE	SVOC	BENZYL ALCOHOL				500U
SLUDGE	SVOC	BIS(2-CHLOROETHOXY)METHANE			20U	90U
SLUDGE	SVOC	BIS(2-CHLOROETHYL)ETHER			20U	90U
SLUDGE	SVOC	BIS(2-CHLOROISOPROPYL)ETHER			20U	90U
SLUDGE	SVOC	BIS(2-ETHYLHEXYL)PHTHALATE			200U	900U
SLUDGE	SVOC	BUTYL BENZYL PHTHALATE			20U	90U
SLUDGE	SVOC	CHRYSENE			**170**	**160**
SLUDGE	SVOC	DIBENZ(A,H)ANTHRACENE			60U	300U
SLUDGE	SVOC	DIBENZOFURAN				200U
SLUDGE	SVOC	DIETHYL PHTHALATE			20U	90U
SLUDGE	SVOC	DIMETHYL PHTHALATE			20U	90U
SLUDGE	SVOC	DI-N-BUTYL PHTHALATE			20U	90U
SLUDGE	SVOC	DI-N-OCTYL PHTHALATE			20U	90U
SLUDGE	SVOC	FLOURENE				
SLUDGE	SVOC	FLUORANTHENE			**57**	90U
SLUDGE	SVOC	FLUORENE			**290**	90U
SLUDGE	SVOC	HEXACHLOROBENZENE			40U	200U
SLUDGE	SVOC	HEXACHLOROBUTADIENE			40U	200U
SLUDGE	SVOC	HEXACHLOROCYCLOPENTADIENE			100U	500U
SLUDGE	SVOC	HEXACHLOROETHANE			20U	90U
SLUDGE	SVOC	INDENO(1,2,3-CD)PYRENE			60U	300U
SLUDGE	SVOC	ISOPHORONE			20U	90U
SLUDGE	SVOC	NITROBENZENE			40U	200U
SLUDGE	SVOC	N-NITROSODIMETHYLAMINE			60U	
SLUDGE	SVOC	N-NITROSODI-N-PROPYLAMINE			40U	200U
SLUDGE	SVOC	N-NITROSODIPHENYLAMINE			**1000**	900U
SLUDGE	SVOC	PHENANTHRENE			**650**	**490**
SLUDGE	SVOC	PHENOL				90U
SLUDGE	SVOC	PYRENE			**440**	**330**
SLUDGE	VOC	1,1,1-TRICHLOROETHANE		0.8U		0.5U
SLUDGE	VOC	1,1,2,2-TETRACHLOROETHANE		0.8U		0.5U
SLUDGE	VOC	1,1,2-TRICHLOROETHANE		0.8U		0.5U
SLUDGE	VOC	1,1-DICHLOROETHANE		0.8U		0.5U
SLUDGE	VOC	1,1-DICHLOROETHENE		0.8U		0.5U
SLUDGE	VOC	1,2-DICHLOROETHANE		0.8U		0.5U
SLUDGE	VOC	1,2-DICHLOROETHENE		0.8U		
SLUDGE	VOC	1,2-DICHLOROPROPANE		0.8U		0.5U
SLUDGE	VOC	2-BUTANONE		1.6U		5U
SLUDGE	VOC	2-CHLOROETHYL VINYL ETHER				3U
SLUDGE	VOC	2-HEXANONE		1.6U		3U
SLUDGE	VOC	4-METHYL-2-PENTANONE		1.6U		3U
SLUDGE	VOC	ACETONE		1.6U		10U
SLUDGE	VOC	BENZENE		0.8U		0.5U
SLUDGE	VOC	BROMODICHLOROMETHANE		0.8U		0.5U
SLUDGE	VOC	BROMOFORM		0.8U		0.5U
SLUDGE	VOC	BROMOMETHANE		1.6U		0.5U
SLUDGE	VOC	CARBON DISULFIDE		0.8U		0.5U
SLUDGE	VOC	CARBON TETRACHLORIDE		0.8U		0.5U
SLUDGE	VOC	CHLOROBENZENE		0.8U		0.5U
SLUDGE	VOC	CHLORODIBROMOMETHANE				0.5U
SLUDGE	VOC	CHLOROETHANE		1.6U		0.5U
SLUDGE	VOC	CHLOROFORM		0.8U		0.5U
SLUDGE	VOC	CHLOROMETHANE (METHYL CHLORIDE)		1.6U		0.5U
SLUDGE	VOC	CIS-1,3-DICHLOROPROPENE		0.8U		0.5U
SLUDGE	VOC	DIBROMOCHLOROMETHANE		0.8U		
SLUDGE	VOC	DICHLOROMETHANE (METHYLENE CHLORIDE)		0.8U		
SLUDGE	VOC	ETHYLBENZENE		0.8U		0.5U
SLUDGE	VOC	METHYLENE CHLORIDE				3U
SLUDGE	VOC	M-XYLENE				0.5U
SLUDGE	VOC	NAPHTHALENE			**78**	90U
SLUDGE	VOC	O,P-XYLENES				0.5U

Appendix D - Product, Sludge, and Waste Data

MEDIA	ANALYTE GROUP	STATION	SL-1-89	SL-1-89	SM #1	SM-C
		SAMPLE	KPP-SL-1	KPP-SL-1	SOURCEMATERIAL1	Source Material C
		DEPTH (FT)	0-0.25	0-0.25		
		DATE	11/15/1988	11/15/1988	9/25/1985	2/7/1986
		UNITS	MG/KG	MG/KG	MG/KG	MG/KG
SLUDGE	VOC	STYRENE		0.8U		1U
SLUDGE	VOC	TETRACHLOROETHENE		0.8U		0.5U
SLUDGE	VOC	TOLUENE		0.8U		0.5U
SLUDGE	VOC	TOTAL XYLENES				
SLUDGE	VOC	TRANS-1,2-DICHLOROETHENE				0.5U
SLUDGE	VOC	TRANS-1,3-DICHLOROPROPENE		0.8U		0.5U
SLUDGE	VOC	TRICHLOROETHENE		0.8U		0.5U
SLUDGE	VOC	VINYL ACETATE		1.6U		3U
SLUDGE	VOC	VINYL CHLORIDE		1.6U		0.5U
SLUDGE	VOC	XYLENE		0.8U		
WASTE	PETROLEUM HYDROCARBON	DIESEL RANGE ORGANICS				
WASTE	PETROLEUM HYDROCARBON	DIESEL RANGE ORGANICS AS DIESEL				
WASTE	PETROLEUM HYDROCARBON	TOTAL EXTRACTABLE HYDROCARBONS				

Appendix D - Product, Sludge, and Waste Data

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

FT	Feet
MG/KG	Milligrams per kilogram
NG/KG	Nanograms per kilogram
PCP	Pentachlorophenol
PG/L	Picograms per liter
SVOC	Semi-Volatile Organic Compounds
UG/L	Micrograms per liter
VOC	Volatile Organic Compounds
B	Compound detected in method blank
J	Concentration detected is below the calibration range
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Subsurface Soil Data
Dioxin and Furan

STATION	E20	I(-20)	K20	Q25	SS-1A-99	SS-1C-99	TP-7-94
SAMPLE	B11649	B12353	B11639	B11710	99-5036-AE44A	99-5038-AE44C	BNTP-7-20'
DEPTH (FT)	2-2	20-20	15-15	20-20	6-6	6-6	20-20
DATE	9/28/1991	9/28/1991	9/28/1991	9/28/1991	4/17/1999	4/17/1999	10/25/1994
UNITS	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG
1,2,3,4,6,7,8,9-OCDD	**464000B**	**359000S,B**	**503050B,S**	**3840000S,B**			**200000J**
1,2,3,4,6,7,8,9-OCDF	**62200**	**44400Q**	**24760B**	**40300**			**24000**
1,2,3,4,6,7,8-HPCDD	**46200**	**122000S**	**193140B,S**	**1110000**	**160000D,E,J**	**330000D,E,J**	**48000**
1,2,3,4,6,7,8-HPCDF	**11100**	**13300**	**17100**		**44000D**	**84000D**	**4800**
1,2,3,4,7,8,9-HPCDF	**990**	**920**	**891**		**3300E,J**	**6400**	**450**
1,2,3,4,7,8-HXCDD		**110**	**152**		**130**	**1300D**	**37**
1,2,3,4,7,8-HXCDF	**1500**	**1600**	**2750**		**2300E,J**	**7200E,J**	3000U
1,2,3,6,7,8-HXCDD	**1800**	**7400**	**15730**	**45300**	**6800E,J**	**24000D**	**2700**
1,2,3,6,7,8-HXCDF	**220**	**420**	**881**		**310**	**1100**	**150**
1,2,3,7,8,9-HXCDD	**140**		**1130**	**33100**	**590**	**3800D**	**180**
1,2,3,7,8,9-HXCDF		**60**	**191**		**72**	**240**	**240**
1,2,3,7,8-PECDD		**30**	**38.5**	**110**	**38**	**340**	**19**
1,2,3,7,8-PECDF	**120J**	**440**	**1000**	**3400**	**260**		**55**
2,3,4,6,7,8-HXCDF	**380**				**260**	**1000**	**270**
2,3,4,7,8-PECDF	**190**	**420**	**873**	**4500**	**400**	**1800**	**250**
2,3,7,8-TCDD			6.5U		**3**	**19**	1.3U
2,3,7,8-TCDF	**30**	**170**	**368**	**1500**	**74CON**	**330CON**	**41J**
EPA TEF	**1090.9**	**2585.2**	**4740.51**	**21565**	**4411.6**	**10640**	**1182.2**
OCDD					**770000D,E,J**	**990000D,E,J**	
OCDF					**280000D,E,J**	**460000D,E,J**	
WHO TEF	**1090.9**	**2600.2**	**4759.76**	**21620**	**3485.6**	**9505**	**1191.7**

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

NG/KG	Nanograms per kilogram
FT	Feet
B	Compound detected in method blank
CON	Confirmation analysis
D	Sample dilution
J and E	Estimated amount
Q	Denotes a quantitative interference and the concentration reported may be questionable
S	Denotes detector (MS) system was saturated and the concentration is a minimum estimate
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Subsurface Soil Data
Metal

STATION	EH-2A	EH-2A	EH-2B	EH-2B	EH-2C	EH-2D	F12	G13	G9	GWY-15	GWY-15	GWY-16	GWY-16	GWY-17	GWY-17
SAMPLE	94-17099	94-17099	94-17100	94-17100-dup	94-17101	94-17102	F12B	G13C	G9B	1070	1071	1072	1073	1074	1075
DEPTH (FT)	10.5-13.5	13.5-13.5	6.5-13	6.5-13	8.5-12.5	6.5-16	2-3	8-8.5	8.5-9	5-5	15-15	5-5	18-18	5-5	12-12
DATE	4/22/1994	4/22/1994	4/22/1994	4/22/1994	4/22/1994	4/22/1994	4/1/1996	4/1/1996	4/1/1996	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM										4300	14000	8000	6400	8000	6900
ANTIMONY										0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
ARSENIC										6	8.4	3.6	0.13U	3.3	5.2
BARIUM										34	220	87	29	157	67
BERYLLIUM										0.3	0.8	0.2	0.2	0.3	0.3
CADMIUM	1U		1U	1U	1U	1U				2	3	1U	1U	1U	1U
CALCIUM										12000	36000	42000	24000	36000	19000
CHROMIUM		6	6	6	6	5									
COBALT										4	7	3	3	4	4
COPPER										7	18	7	9	7	8
IRON										10900	15000	7000	6000	7000	5000
LEAD		14	10	10	8	7	5UJ	110J	16J	23	22	19	14	13	8
MAGNESIUM										8200	12500	13100	7600	13500	6100
MANGANESE										154	500	230	360	196	230
MERCURY										0.1U	0.1U	0.1U	0.1U	0.1U	0.1U
NICKEL										8	11	5	10	7	7
POTASSIUM										480	1520	580	284	506	792
SELENIUM										1	1.6	1.6	0.8	1.4	0.7
SILVER										0.04	0.07	0.03	0.01	0.02	0.03
SODIUM										70	119	71	54	58	50
THALLIUM										0.1	0.07	0.05	0.05	0.08	0.05
TIN										0.9	0.6	0.6	0.6	0.6	0.6
TOTAL CHROMIUM										5	7	6	11	4	8
TOTAL CYANIDE										0.2U	0.1U	0.2U	0.2U	0.2U	0.1U
VANADIUM										6	9	4	4	5	5
ZINC		40	31	29	27	25				41	51	29	27	31	22

Appendix D - Subsurface Soil Data
Metal

STATION	I5	J6	L6	M3	M3	M9	N4	N4	N6	N8	P4	Q11	Q7	RR-SO-1	RR-SO-2	RR-SO-3
SAMPLE	I5B	J6C	L6B	M3A	M3B	M9B	N4B	N4C	N6B	N8B	P4B	Q11B	Q7B	MHC-252	MHC-254	MHC-253
DEPTH (FT)	2-3.5	6.5-7	7.5-8	5-8	11-11.5	3-6	2-3	12-13	1.5-3.5	3-5	2-4.5	2-3	5-6	12.5-15.5	8.5-10.5	10.5-13.5
DATE	4/1/1996	4/1/1996	4/2/1996	4/1/1996	4/1/1996	4/5/1996	4/1/1996	4/1/1996	4/2/1996	4/5/1996	4/1/1996	4/5/1996	4/5/1996	2/25/1986	2/25/1986	2/25/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM														**4388**	**6100**	**5073**
ANTIMONY														6U	6U	6U
ARSENIC														5.6U	5.6U	5.8U
BARIUM														**49E**	**57E**	**80E**
BERYLLIUM														**0.3**	**0.3**	**0.2**
CADMIUM														1.4U	1.4U	1.5U
CALCIUM														**20404E**	**1583E**	**6430E**
CHROMIUM														**5**	**6**	**7**
COBALT														**5**	**4**	**6**
COPPER														**11**	**9**	**8**
IRON														**8433**	**10456**	**11180**
LEAD	**10J**	5UJ	**140J**	5UJ	5UJ	**18J**	**170J**	5UJ	**220J**	5UJ	**4190J**	**370J**	**94J**	**8.95**		
MAGNESIUM															**6928**	**4488**
MANGANESE														**233**	**174**	**668**
MERCURY																
NICKEL														11U	**12**	12U
POTASSIUM														320U	316U	**574**
SELENIUM														**2.8**	2.8U	2.9U
SILVER														1.1U	1.1U	**1.5**
SODIUM														38U	**41**	**104**
THALLIUM																
TIN														8U	8U	9U
TOTAL CHROMIUM																
TOTAL CYANIDE																
VANADIUM														**5**	**5**	**5.9**
ZINC														**29**	**32**	**32**

Appendix D - Subsurface Soil Data
Metal

STATION	TP1-02	TP1-02	TP1-02	TP2-02	TP2-02	TP2-02	TP3-02	TP3-02	TP3-02	TP3-02	YR-SO-4
SAMPLE	MCW-SS-1-2	MCW-SS-1-3	MCW-SS-1-4	MCW-SS-2-2	MCW-SS-2-3	MCW-SS-2-4	MCW-SS-3-2	MCW-SS-3-3	MCW-SS-3-4	MCW-SS-3-5 DUP	MHC-526
DEPTH (FT)	4-6	8-10	17-19	4-6	8-10	18-19	4-6	8-10	18-19	4-6	2.2-3.3
DATE	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	3/18/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM											**6610**
ANTIMONY											15U
ARSENIC											
BARIUM											**97**
BERYLLIUM											**0.46**
CADMIUM											2.4U
CALCIUM											**52000**
CHROMIUM											**6.6**
COBALT											3.6U
COPPER											**12**
IRON											**10600**
LEAD	**150**	**8**	**7**	**8**	**7**	**5**	**8**	**7**	**5**	**7**	**11**
MAGNESIUM											**11400**
MANGANESE											**217**
MERCURY											0.06U
NICKEL											**7.1**
POTASSIUM											**942**
SELENIUM											
SILVER											2.4U
SODIUM											**1010**
THALLIUM											6U
TIN											11U
TOTAL CHROMIUM											
TOTAL CYANIDE											
VANADIUM											**7.9**
ZINC											**38**

Appendix D - Subsurface Soil Data
Metal

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
E	Value estimated due to interference
J	Estimated amount
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Subsurface Soil Data
Polychlorinated Biphenyl

STATION	MW-15	MW-15	MW-16	MW-16	MW-17	MW-17
SAMPLE	MW-15	MW-15	MW-16	MW-16	MW-17	MW-17
DEPTH (FT)	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986
DATE	15-15	5-5	18-18	5-5	12-12	5-5
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
Aroclor 1016	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U
Aroclor 1221	0.04U	0.04U	0.04U	0.04U	0.04U	0.04U
Aroclor 1232	0.012U	0.012U	0.012U	0.012U	0.012U	0.012U
Aroclor 1242	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U
Aroclor 1248	0.01U	0.01U	0.01U	0.01U	0.01U	0.01U
Aroclor 1254	0.012U	0.012U	0.012U	0.012U	0.012U	0.012U
Aroclor 1260	0.015U	0.015U	0.015U	0.015U	0.015U	0.015U

Notes:

MG/KG	Milligrams per kilogram
FT	Feet
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	A50	A50	A50	A50	C100	C100	C100	C100	C40	C40	C40	C40	CC25	E20
SAMPLE	11651	11652	11653	11654	11661	11662	11663	11664	A11666	A11667	A11668	A11669	12278	11646
DEPTH (FT)	2-2	6-6	15-15	10-10	6-6	10-10	2-2	15-15	15-15	10-10	6-6	2-2	25-25	6-6
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	5.6U	5.6U	5.5U	5.5U	5.3U	5.3U	5.9U	6.2U	5.4U	5.3U	5.2U	5.6U	49	740E

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	E20	E20	EH-1	EH-3	EH-4	G(-20)	G(-20)	G(-20)	G(-20)	GWY-15	GWY-15	GWY-16	GWY-16	GWY-17
SAMPLE	11647	11649	92-4155	92-4157	92-4156	A12238	A12241	A12242	A12243	1070	1071	1072	1073	1075
DEPTH (FT)	10-10	2-2	2.5-4.5	12.5-14.5	17.5-19.5	6-6	2-2	20-20	15-15	5-5	15-15	5-5	18-18	12-12
DATE	9/27/1991	9/27/1991	1/20/1992	1/20/1992	1/20/1992	9/27/1991	9/27/1991	9/27/1991	9/27/1991	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	**550E**	**190E**	1.6U	1.6U	1.6U	5.2U	5.7U	**650E**	**150E**	0.4U	0.5U	0.5U	0.5U	0.5U

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	GWY-17	I(-20)	I(-20)	I20	I20	I20	I20	I20	I20	J75	J75	J75	J75	K20
SAMPLE	1074	12271	A12353	11634	11635	11636	11637	11638	11643	A11670	A11671	A11672	A11673	11640
DEPTH (FT)	5-5	10-10	20-20	15-15	2-2	7-7	10-10	20-20	25-25	2-2	6-6	10-10	15-15	15-15
DATE	2/7/1986	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	0.5U	5.4U	840E	860E	5.2U	20	870E	1300E	492	6U	5.3U	5.5U	5.3U	1700E

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	K20	K20	K20	KPT-10	KPT-10	KPT-11	KPT-11	KPT-12	KPT-15	KPT-9	KPT-9
SAMPLE	11641	11642	B11547	KPT-10 (10-12)	KPT-10 (25-27)	KPT-11 (12-14)	KPT-11 (72-74)	KPT-12	KPT-15 (22-24)	KPT-9A	KPT-9B
DEPTH (FT)	10-10	6-6	2-2	10-12	25-27	12-14	72-74	17-18	22-24	6-8	20-22
DATE	9/27/1991	9/27/1991	9/27/1991	11/18/1996	11/18/1996	11/15/1996	11/15/1996	9/6/1996	11/18/1996	9/6/1996	9/6/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	**1600E**	56.18U	**3.7J**	0.0064U	0.0069U	**0.005J**	**0.0055J**	**0.013**	**0.036**	**0.026**	**0.0052J**

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	L(-20)	L(-20)	L50	L50	L50	M20	M20	N4	N6	O5	Q25	Q25	Q25	Q25
SAMPLE	A11732	A12237	A11678	A11679	A11681	11676	A11675	N4C	N6C	O5A	A11683	A11686	A11710	A11711
DEPTH (FT)	6-6	15-15	6-6	2-2	15-15	15-15	6-6	12-13	17-17	0-6	2-2	9-9	20-20	15-15
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/1/1996	4/3/1996	4/5/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	5.5U	**61**	5.3U	5.4U	5.3U	10.53U	5.3U	3.3U	3.3U	3.3U	5.2U	5.3U	**230E**	**30**

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	RR-SO-1	RR-SO-2	SS-1A-99	SS-1B-99	SS-1C-99	TP1-02	TP1-02	TP1-02	TP-107	TP-111	TP-1-94	TP2-02
SAMPLE	HC-304	HC-306	AE44A-DL	AE44B-DL	AE44C-DL	MCW-SS-1-2	MCW-SS-1-3	MCW-SS-1-4	TP-107B	TP-111B	BNTP-1-20'	MCW-SS-2-2
DEPTH (FT)	12.5-15.5	8.5-10	6-6	6-6	6-6	4-6	8-10	17-19	3-5.5	5-5	20-20	4-6
DATE	2/25/1986	2/25/1986	4/17/1999	4/17/1999	4/17/1999	4/23/2002	4/23/2002	4/23/2002	9/4/1996	9/4/1996	10/26/1994	4/23/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	99U	99U	**140**	**400**	**690**	0.002U	0.002U	**0.016**	0.007U	**0.78**	**220J**	0.002U

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	TP2-02	TP2-02	TP-2-94	TP3-02	TP3-02	TP3-02	TP3-02	TP-3-94	TP-3-94	TP-4-94	TP-4-94
SAMPLE	MCW-SS-2-3	MCW-SS-2-4	BNTP-2-10'	MCW-SS-3-2	MCW-SS-3-3	MCW-SS-3-4	MCW-SS-3-5 DUP	BNTP-3-20'	BNTP-3-6'	BNTP-4-10'	BNTP-4-20'
DEPTH (FT)	8-10	18-19	10-10	4-6	8-10	18-19	4-6	20-20	6-6	10-10	20-20
DATE	4/23/2002	4/23/2002	10/25/1994	4/23/2002	4/23/2002	4/23/2002	4/23/2002	10/25/1994	10/25/1994	10/26/1994	10/26/1994
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	0.002U	**0.027**	**240**	0.002U	0.002U	**0.0046**	0.002U	**880**	**17**	0.35U	**2.4**

Appendix D - Subsurface Soil Data
Pentachlorophenol

STATION	TP-5-94	TP-6-94	TP-7-94	TP-7-94	TP-8-94	W165	Y95	Y95	YR-SO-4
SAMPLE	BNTP-5-20'	BNTP-6-20'	BNTP-7-10'	BNTP-7-20'	BNTP-8-20'	W165-3 (11727)	Y95-5 (A11724)	Y95-3 (A11729)	HB077
DEPTH (FT)	20-20	20-20	10-10	20-20	20-20	3-3	5-5	3-3	2.2-3.3
DATE	10/26/1994	10/26/1994	10/25/1994	10/25/1994	10/26/1994	9/27/1991	9/27/1991	9/27/1991	3/6/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	**30**	**16**	0.36U	**1.8J**	**93**	6U	5.6U	5.2U	4U

Appendix D - Subsurface Soil Data
Pentachlorophenol

Notes:

Detected values are shown in bold

Shaded cells indicate values exceeding screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
E	Analyte concentration exceeded calibration range; estimated amount
J	Estimated amount
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Subsurface Soil Data
Pesticide

STATION	MW-15	MW-15	MW-16	MW-16	MW-17	MW-17
SAMPLE	MW-15	MW-15	MW-16	MW-16	MW-17	MW-17
DEPTH (FT)	15-15	5-5	18-18	5-5	12-12	5-5
DATE	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
4,4'-DDD	0.001U	0.001U	0.001U	0.001U	0.001U	0.001U
4,4'-DDE	0.0006U	0.0006U	0.0006U	0.0006U	0.0006U	0.0006U
4,4'-DDT	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
ALDRIN	0.0003U	0.0003U	0.0003U	0.0003U	0.0003U	0.0003U
ALPHA BHC	0.00015U	0.00015U	0.00015U	0.00015U	0.00015U	0.00015U
BETA BHC	0.0004U	0.0004U	0.0004U	0.0004U	0.0004U	0.0004U
CHLORDANE	0.008U	0.008U	0.008U	0.008U	0.008U	0.008U
DELTA BHC	0.0003U	0.0003U	0.0003U	0.0003U	0.0003U	0.0003U
DIELDREN	0.0008U	0.0008U	0.0008U	0.0008U	0.0008U	0.0008U
ENDOSULFAN I	0.0008U	0.0008U	0.0008U	0.0008U	0.0008U	0.0008U
ENDOSULFAN II	0.001U	0.001U	0.001U	0.001U	0.001U	0.001U
ENDOSULFAN SULFATE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
ENDRIN	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
ENDRIN ALDEHYDE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
GAMMA BHC (LINDANE)	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U	0.0002U
HEPTACHLOR	0.0004U	0.0004U	0.0004U	0.0004U	0.0004U	0.0004U
HEPTACHLOR EPOXIDE	0.0005U	0.0005U	0.0005U	0.0005U	0.0005U	0.0005U
METHOXYCHLOR	0.005	0.005	0.005	0.005	0.005	0.005
TOXAPHENE	0.09U	0.09U	0.09U	0.09U	0.09U	0.09U

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	A1	A1-1	A1-1	A1-2	A1-2	A1-3	A1-3	A2-1	A2-1	A3	A3-1	A3-1	A3-1
SAMPLE	A1C	A1-1	A1-1	A1-2	A1-2	A1-3	A1-3	A2-1	A2-1	A3C	A3-1	A3-1	A3-1 DUP
DEPTH (FT)	7.5-10	4-6	7.7-9.5	4-6	7-9	4-6	7-9	4-6	8-10	7.5-10	4-6	8-10	8-10
DATE	3/1/1996	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	4/1/1996	6/1/2002	6/1/2002	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS	**2808**									**205**			
C10-C22 AROMATICS													**539**
C11-C22 AROMATICS									**55**			**606***	
C19-C36 ALIPHATICS	**3640**								**62**	**266**		**727**	**822**
C5-C8 ALIPHATICS		2U	2U	2U	2U	2U	2U	2U	2U	**19**	2U	**712D**	**690D**
C9-C10 AROMATICS		2U	2U	2U	2U	2U	2U	2U	**2.8**	**40**	2U	**500***	**557***
C9-C12 ALIPHATICS		2U	2U	2U	2U	2U	2U	2U	**2.3**	**152**	2U	**892***	**1030***
C9-C18 ALIPHATICS	**3182**								**25**	**233**		**938**	**1060**
DIESEL	150U									10U			
DIESEL RANGE ORGANICS	**7620**									**546**			
DIESEL RANGE ORGANICS AS DIESEL													
EPH SCREEN													
GASOLINE RANGE ORGANICS													
GASOLINE RANGE ORGANICS AS GASOLINE													
LUBE OIL AND RELATED PRODUCTS													
TOTAL EPH									**165**		**7**	**2333**	**2531**
TOTAL EXTRACTABLE HYDROCARBONS	**9630**								**175**	**704**	**7.5**	**2420**	**2421**
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN													
TOTAL PETROLEUM HYDROCARBON													
TOTAL PETROLEUM HYDROCARBONS	**9977**												
TOTAL PURGEABLE HYDROCARBONS		**6**	**6**	**6**	**6**	**6**	**6**	**6**	**7.1**		**6**	**2104**	**2277**

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	A3-2	A3-2	A3-3	A3-3	A5	B-1	B-1	B-1	B-1	B-1	B1-1	B1-1
SAMPLE	A3-2	A3-2	A3-3	A3-3	A5C	B-1(4-6')	B-1(9-11')	B-1(14-16')	B-1(19-21')	B-1(23-24')	B1-1	B1-1
DEPTH (FT)	4-6	8-10	4-6	8-9.5	9-10	4-6	9-11	14-16	19-21	23-24	4-6	8-10
DATE	6/1/2002	6/1/2002	6/1/2002	6/1/2002	4/1/1996	1/26/1993	1/26/1993	1/26/1993	1/27/1993	1/27/1994	6/1/2002	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS					3							
C10-C22 AROMATICS				1720								
C11-C22 AROMATICS												
C19-C36 ALIPHATICS				1200	4							
C5-C8 ALIPHATICS	2U	2U	2U	2							2U	2U
C9-C10 AROMATICS	2U	2U	2U	3.6							2U	2U
C9-C12 ALIPHATICS	2U	2U	2U	8.4							2U	2U
C9-C18 ALIPHATICS				403	3							
DIESEL					10U							
DIESEL RANGE ORGANICS					10U							
DIESEL RANGE ORGANICS AS DIESEL												
EPH SCREEN												
GASOLINE RANGE ORGANICS												
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH				3695								
TOTAL EXTRACTABLE HYDROCARBONS				3323	10U							
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS						33	81	75	300	130		
TOTAL PURGEABLE HYDROCARBONS	6	6	6	14							6	6

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	B-2	B-2	B-2	B-2	B-2	B3	B-3	B-3	B-3	B-3
SAMPLE	B-2(4-6')	B-2(9-11')	B-2(14-16')	B-2(19-21')	B-2(24-26')	B3C	B-3(4-6')	B-3 (9-11')	B-3(14-16')	B-3(19-21')
DEPTH (FT)	4-6	9-11	14-16	19-21	24-26	8-9	4-6	9-11	14-16	19-21
DATE	1/27/1994	1/27/1993	1/27/1993	1/27/1993	1/27/1993	4/1/1996	1/28/1993	1/28/1994	1/28/1993	1/28/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS						**4520**				
C10-C22 AROMATICS										
C11-C22 AROMATICS										
C19-C36 ALIPHATICS						**5859**				
C5-C8 ALIPHATICS										
C9-C10 AROMATICS										
C9-C12 ALIPHATICS										
C9-C18 ALIPHATICS						**5121**				
DIESEL						150U				
DIESEL RANGE ORGANICS						**13100**				
DIESEL RANGE ORGANICS AS DIESEL										
EPH SCREEN										
GASOLINE RANGE ORGANICS										
GASOLINE RANGE ORGANICS AS GASOLINE										
LUBE OIL AND RELATED PRODUCTS										
TOTAL EPH										
TOTAL EXTRACTABLE HYDROCARBONS						**15500**				
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN										
TOTAL PETROLEUM HYDROCARBON										
TOTAL PETROLEUM HYDROCARBONS	**18**	**22**	**31**	**41**	**24**		**56**	**49**	**25**	**27**
TOTAL PURGEABLE HYDROCARBONS										

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	B-3	B3-1	B3-1	B3-2	B3-2	B3-3	B3-3	B3-3	B-4	B-4	BSEB1.1	BSEB1.2
SAMPLE	B-3(21-23')	B3-1	B3-1	B3-2	B3-2	B3-3	B3-3	B3-3 DUP	B-4(18-20')	B-4(20-22')	BSEB1.1	BSEB1.2
DEPTH (FT)	21-23	4-6	8-10	4-6	8-10	4-6	8-10	8-10	18-20	20-22	7-7	20-20
DATE	1/28/1993	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/2/2002	1/28/1993	1/28/1993	6/7/1993	6/7/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS												
C10-C22 AROMATICS												
C11-C22 AROMATICS			**1920***		**1510***		**436***	**570***				
C19-C36 ALIPHATICS			**1270**		**1270**		**272**	**381**				
C5-C8 ALIPHATICS		2U	**1.6J**	2U	**13***	2U	2U	2U				
C9-C10 AROMATICS		2U	**13**	2U	**126***	2U	**2.6**	**2.5**				
C9-C12 ALIPHATICS		2U	**27**	2U	**249***	2U	**4.6**	**4.4**				
C9-C18 ALIPHATICS			**629**		**1130***		**236**	**311**				
DIESEL												
DIESEL RANGE ORGANICS												
DIESEL RANGE ORGANICS AS DIESEL												
EPH SCREEN												
GASOLINE RANGE ORGANICS												
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH			**4452**		**4349**		**1027**					
TOTAL EXTRACTABLE HYDROCARBONS			**4520**		**4420**		**944**	**1500**				
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS	**22**								**320**	**28**	**13700**	**1460**
TOTAL PURGEABLE HYDROCARBONS		**6**		**6**		**6**						

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	BSEW1.0	BSEW1.1	C1-1	C1-1	C2-1	C2-1	C2-1	C2-2	C2-2	C3-1	C3-1	C3-1
SAMPLE	BSEW1.0	BSEW1.1	C1-1	C1-1	C2-1	C2-1	C2-1	C2-2	C2-2	C3-1	C3-1	C3-1 DUP
DEPTH (FT)	4-4	4-4	4-6	9-11	2.5-4	4-6	8-10	4-6	8-10	4-6	8-9.5	8-9.5
DATE	6/5/1993	6/5/1993	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS												
C10-C22 AROMATICS							38					364
C11-C22 AROMATICS				20U	1780*	498*	38		177*	624*	378*	
C19-C36 ALIPHATICS				20U	894	269	22		154	387	256	192
C5-C8 ALIPHATICS			2U	2U	37*	21*	5.1	2U	26*	2U	4.8	5*
C9-C10 AROMATICS			2U	2U	400*	222*	22*	2U	92*	2U	81*	86*
C9-C12 ALIPHATICS			2U	2U	843*	403*	22	2U	96	2U	189*	207*
C9-C18 ALIPHATICS				20U	3030*	1080*	70		301	56	576	545
DIESEL												
DIESEL RANGE ORGANICS												
DIESEL RANGE ORGANICS AS DIESEL												
EPH SCREEN												
GASOLINE RANGE ORGANICS												
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH				35	6126	1910	134		635	1549	1229	1104
TOTAL EXTRACTABLE HYDROCARBONS				37	6120	1990	142		671	1620	1290	1101
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS	127	12800										
TOTAL PURGEABLE HYDROCARBONS			6	60				6				298

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	C3-2	C3-2	C3-2	C3-2	CLCW-1	E13	E20	EH-1	EH-1-H120	EH-1-H240	EH-1-H320
SAMPLE	C3-2 DUP	C3-2 DUP	C3-2	C3-2	CLCW-1	E13C	B11647	92-4155	TB1H120	TB1H240	TB1H320
DEPTH (FT)	4-6	8-10	4-6	8-10	24.5-26.5	9-9.4	10-10	2.5-4.5	2-2	2-2	4.5-4.5
DATE	6/1/2002	6/1/2002	6/1/2002	6/1/2002	8/6/1993	4/1/1996	9/27/1991	1/20/1992	6/30/1992	6/30/1992	6/30/1992
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS											
C10-C22 AROMATICS						64					
C11-C22 AROMATICS	235*	247*	181*	228*							
C19-C36 ALIPHATICS	273	192	198	201		29					
C5-C8 ALIPHATICS	2U	4	2U	4.2							
C9-C10 AROMATICS	2U	19*	2U	20*							
C9-C12 ALIPHATICS	2U	54	2U	54							
C9-C18 ALIPHATICS	65	185	50	173		11					
DIESEL											
DIESEL RANGE ORGANICS											
DIESEL RANGE ORGANICS AS DIESEL											
EPH SCREEN											
GASOLINE RANGE ORGANICS					244				1200D	1100D	78
GASOLINE RANGE ORGANICS AS GASOLINE					244						
LUBE OIL AND RELATED PRODUCTS											
TOTAL EPH	715	619	520	628							
TOTAL EXTRACTABLE HYDROCARBONS	755	654	550	664							
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN											
TOTAL PETROLEUM HYDROCARBON								925			
TOTAL PETROLEUM HYDROCARBONS							2200				
TOTAL PURGEABLE HYDROCARBONS					2080						

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	EH-1-H425	EH-2	EH-2	EH-2	EH-2	EH-2	EH-2	EH-2	EH-2	EH-2	EH-2
SAMPLE	TB1H425	92-4157	94-17098	94-17103	S-1-94	S-2-94	S-3-94	S-4-94	S-5-94	S-6-94	S-7-94
DEPTH (FT)	3-3	7.5-11.5	6-13								
DATE	6/30/1992	1/20/1992	4/22/1994	4/22/1994	6/10/1994	6/10/1994	6/10/1994	6/10/1994	6/10/1994	6/10/1994	6/10/1994
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS											
C10-C22 AROMATICS											
C11-C22 AROMATICS											
C19-C36 ALIPHATICS											
C5-C8 ALIPHATICS											
C9-C10 AROMATICS											
C9-C12 ALIPHATICS											
C9-C18 ALIPHATICS											
DIESEL											
DIESEL RANGE ORGANICS			**307**	10U	1U	1U	1U	1U	1U	1U	1U
DIESEL RANGE ORGANICS AS DIESEL			**200**	10U	1U	1U	1U	1U	1U	1U	1U
EPH SCREEN											
GASOLINE RANGE ORGANICS	**650D**										
GASOLINE RANGE ORGANICS AS GASOLINE											
LUBE OIL AND RELATED PRODUCTS											
TOTAL EPH											
TOTAL EXTRACTABLE HYDROCARBONS			**907(3)**	**53**	1U	1U	1U	1U	1U	1U	1U
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN											
TOTAL PETROLEUM HYDROCARBON		**1575**									
TOTAL PETROLEUM HYDROCARBONS											
TOTAL PURGEABLE HYDROCARBONS											

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	EH-2	EH-2A	EH-2B	EH-2C	EH-2D	EH-2-H110	EH-4	F12	G11	G13	G16a/G16b
SAMPLE	S-8-94	94-17099	94-17100	94-17101	94-17102	TB2H110B	92-4156	F12B	G11C	G13C	98-26871
DEPTH (FT)		13.5-13.5	6.5-13	8.5-12.5	6.5-16	11.5-11.5	17.5-19.5	2-3	7.5-8	10-10.5	8-8
DATE	6/10/1994	4/22/1994	4/22/1994	4/22/1994	4/22/1994	6/29/1992	1/20/1992	4/1/1996	4/1/1996	4/1/1996	4/5/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS								**265**	**23386**	**11052**	
C10-C22 AROMATICS											
C11-C22 AROMATICS											
C19-C36 ALIPHATICS								**344**	**30316**	**14326**	
C5-C8 ALIPHATICS											
C9-C10 AROMATICS											
C9-C12 ALIPHATICS											
C9-C18 ALIPHATICS								**301**	**26498**	**12522**	
DIESEL								40U	3000U	3000U	
DIESEL RANGE ORGANICS	1U	**47**	10U	**81**	**358**	57U		**531**	**58600**	**28400**	**904**
DIESEL RANGE ORGANICS AS DIESEL	1U	**18**	10U	10U	**180**						300U
EPH SCREEN											
GASOLINE RANGE ORGANICS						23U					
GASOLINE RANGE ORGANICS AS GASOLINE											
LUBE OIL AND RELATED PRODUCTS						**200**					
TOTAL EPH										**49979**	
TOTAL EXTRACTABLE HYDROCARBONS	1U	**201(3)**	**27(3)**	**243(3)**	**1200(3)**			**910**	**80200**	**37900**	**1590**
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN											
TOTAL PETROLEUM HYDROCARBON							10U				
TOTAL PETROLEUM HYDROCARBONS											
TOTAL PURGEABLE HYDROCARBONS											

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	G16a/G16b	G9	GWRM-1	GWRM-2	H10	H12	H4	H6	H6-DEQ	H8	I(-20)	I16
SAMPLE	98-26872	G9B	MW-01B	MW-02B	H10C	H12C	98-26873	H6C	98-26874	H8C	C12353	98-26875
DEPTH (FT)	14-14	8.5-9	6-10	6-9	7-10	8.5-9	8-8	5.5-6	11.5-11.5	2-5.6	20-20	11-11
DATE	4/1/1998	4/1/1996	4/14/2005	4/14/2005	4/1/1996	4/1/1996	4/5/1998	4/1/1996	4/1/1998	4/1/1996	7/31/1991	4/1/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS		365				3120						
C10-C22 AROMATICS					424			10U		495		
C11-C22 AROMATICS												
C19-C36 ALIPHATICS		473			440	4045		10U		786		
C5-C8 ALIPHATICS												
C9-C10 AROMATICS												
C9-C12 ALIPHATICS												
C9-C18 ALIPHATICS		413			806	3535		10U		380		
DIESEL		100U				750U						
DIESEL RANGE ORGANICS	29700	839				7620	7100		16500			26300
DIESEL RANGE ORGANICS AS DIESEL	29700						7100		16500			26300
EPH SCREEN			11U	39								
GASOLINE RANGE ORGANICS												
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH		1190				11200						
TOTAL EXTRACTABLE HYDROCARBONS	36600	1250				10700	7740		18000			32600
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS											4500	
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	I5	I7	I9	J12	J15	J6	K11	K5	K7	K9	L12	L14
SAMPLE	I5B	I7B	I9B	J12C	J15C	J6C	K11C	K5BC	K7B	K9C	L12C	L14B
DEPTH (FT)	2-3.5	4-5	9.5-10	8.5-9	7-8	6.5-7	10-11	0.9-7.9	8.5-9	11.5-12.5	8.5-9	2-6
DATE	4/1/1996	4/1/1996	4/1/1996	4/5/1996	4/3/1996	4/1/1996	4/5/1996	4/12/1996	4/1/1996	4/5/1996	4/1/1996	4/4/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS		210	1059	3295			1615					2059
C10-C22 AROMATICS	155				449	16		658	1460	742		
C11-C22 AROMATICS												
C19-C36 ALIPHATICS	223	273	1372	4271	215	307	2094	867	1208	1650		2669
C5-C8 ALIPHATICS									229U			
C9-C10 AROMATICS									543			
C9-C12 ALIPHATICS									2000			
C9-C18 ALIPHATICS	169	238	1199	3734	109	363	1830	936	3370	1400		2333
DIESEL		150U	200U	750U		100U	150U					10U
DIESEL RANGE ORGANICS		296	2450	8520		647	4170				10300	3880
DIESEL RANGE ORGANICS AS DIESEL											750U	
EPH SCREEN												
GASOLINE RANGE ORGANICS												
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH		683	3543	11896			5513				15116	7133
TOTAL EXTRACTABLE HYDROCARBONS		721	3630	11300		838	5540		6038	3792	14000	7060
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS												
TOTAL PURGEABLE HYDROCARBONS									2772			

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	L14	L2	L4	L4	L6	L6	L8	M11	M3	M3	M5	M5	M7
SAMPLE	L14C	L2C	L4B	L4C	L6B	L6C	L8B	M11C	M3A	M3B	M5C	M5B	M7B
DEPTH (FT)	8-9	10.5-11	1.5-3.2	9-9	7.5-8	9-9	14.5-15	16.5-17	5-8	11-11.5	9-9	3-4	4-5
DATE	3/4/1996	4/3/1996	4/2/1996	4/2/1996	4/2/1996	4/2/1996	4/3/1996	4/5/1996	4/1/1996	4/1/1996	4/1/1996	4/1/1996	4/3/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS	577			1540		26		5978		362			
C10-C22 AROMATICS		1860	191		881		5600		1530				20000
C11-C22 AROMATICS													
C19-C36 ALIPHATICS	748	3280	198	1996	257	34	3660	7749	1380	469			10300
C5-C8 ALIPHATICS					93		297				160	104U	
C9-C10 AROMATICS					540		311				274	83	
C9-C12 ALIPHATICS					2290		1160				1010	362	
C9-C18 ALIPHATICS	654	914	1230	1745	1150	30	4120	6773	1020	410			40300
DIESEL	150U		2180	4860	3210	85	300U	750U	100U	100U			40900
DIESEL RANGE ORGANICS	1480		2180	4860	3210	85	9900	15300	1640	967			40900
DIESEL RANGE ORGANICS AS DIESEL													
EPH SCREEN													
GASOLINE RANGE ORGANICS													
GASOLINE RANGE ORGANICS AS GASOLINE													
LUBE OIL AND RELATED PRODUCTS													
TOTAL EPH	1900		2234	5240	3351	85	13428	23466		1181			
TOTAL EXTRACTABLE HYDROCARBONS	1980		2320	5280	3440	90	12600	20500	1910	1240			49300
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN													
TOTAL PETROLEUM HYDROCARBON													
TOTAL PETROLEUM HYDROCARBONS													
TOTAL PURGEABLE HYDROCARBONS												549	

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	M7	M9	N10	N12	N1a/N1b	N1a/N1b	N2	N2-DEQ	N3	N4	N6	N6
SAMPLE	M7C	M9C	N10C	N12C	98-26862	98-26861	N2C	98-26863	98-26864	N4C	N6B	N6C
DEPTH (FT)	16-16	17-17.5	13.5-14	15.5-16	17-17	7.5-7.5	11.5-12.2	11.5-11.5	10-10	12-13	1.5-3.5	17-17
DATE	4/3/1996	4/4/1996	4/1/1996	4/5/1996	4/5/1998	4/1/1998	4/3/1996	4/5/1998	4/1/1998	4/1/1996	4/2/1996	4/3/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS	1974	3499	2855	9273						163		6357
C10-C22 AROMATICS							10300				551	
C11-C22 AROMATICS												
C19-C36 ALIPHATICS	2559	4536	3701	12020			25300			212	1140	8240
C5-C8 ALIPHATICS			348U									
C9-C10 AROMATICS			349									
C9-C12 ALIPHATICS			1140									
C9-C18 ALIPHATICS	2237	3965	3235	10507			4380			185	911	7203
DIESEL	5930	750U		1500U						10U	100U	1500U
DIESEL RANGE ORGANICS	5930	10000	8460	24000	1220	12600		7800	23100	383	5690	21100
DIESEL RANGE ORGANICS AS DIESEL			150U		1200	12600		7800	23100			
EPH SCREEN												
GASOLINE RANGE ORGANICS												
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH	6820	12716	10158	39995					34602	529	6627	25238
TOTAL EXTRACTABLE HYDROCARBONS	6770	12000	9790	31800	1300	14300		9150	28300	560	6590	21800
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS												
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	N8	N8	O1	O11	O11	O3	O5	O7	O7	O7	O9	P10	P12
SAMPLE	N8B	N8C	O1C	O11B	O11C	O3C	O5B	O7B	O7C	96-52984	O9B	P10C	P12C
DEPTH (FT)	3-5	17-17	14-16	4-6	14-15	14-16	8-8.5	2-3	15.5-16	17-18	2-3	9-9.5	8-10
DATE	4/5/1996	4/4/1996	4/3/1996	4/4/1996	4/4/1996	4/3/1996	4/1/1996	4/5/1996	4/4/1996	9/12/1996	4/4/1996	4/5/1996	4/4/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS		3091	1688		12422	1088			3			112	62
C10-C22 AROMATICS				10U			584	827			49		
C11-C22 AROMATICS													
C19-C36 ALIPHATICS		4007	2189	10U	16103	1410	650	10200	4		78	145	81
C5-C8 ALIPHATICS	34						1110						
C9-C10 AROMATICS	62						1040						
C9-C12 ALIPHATICS	223						3960						
C9-C18 ALIPHATICS		3502	1913	10U	14075	1232	3660	3000	3		78	127	70
DIESEL		150U	100U	300U	150U	100U		400U	10U			369	10U
DIESEL RANGE ORGANICS		9220	5180	300U	38300	3140	1930	9090	10U	6360		369	100
DIESEL RANGE ORGANICS AS DIESEL							1930			300U			
EPH SCREEN													
GASOLINE RANGE ORGANICS													
GASOLINE RANGE ORGANICS AS GASOLINE													
LUBE OIL AND RELATED PRODUCTS													
TOTAL EPH		11084	5776		58179	3644	1910	16968	9				201
TOTAL EXTRACTABLE HYDROCARBONS		10600	5790	300U	42600	3730	4894	15500	10U	7780		383	213
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN													
TOTAL PETROLEUM HYDROCARBON													
TOTAL PETROLEUM HYDROCARBONS													
TOTAL PURGEABLE HYDROCARBONS							6110						

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	P12	P4	P4	P8	PT1	PT16	PT2	PT3	PTB1	PTB2	PW-1	PW-2C
SAMPLE	P12D	P4B	P4C	P8C	PT1	PT-16	PT-2	PT-3	PTB1	PTB2	PW-1-20	PW2-C21
DEPTH (FT)	16-17	2-4.5	12-12.5	10-11	3-3	16-16	3-3	3-3	3-3	3-3	5-5	5-5
DATE	4/4/1996	4/1/1996	4/1/1996	4/4/1996	1/30/1993	2/1/1993	1/30/1993	1/30/1993	2/2/1993	2/2/1993	3/22/1993	3/23/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS	5949	3062	2030									
C10-C22 AROMATICS				8.22								
C11-C22 AROMATICS												
C19-C36 ALIPHATICS	7711	3969	2631	38								
C5-C8 ALIPHATICS												
C9-C10 AROMATICS												
C9-C12 ALIPHATICS												
C9-C18 ALIPHATICS	6740	3469	2300	16.5								
DIESEL	300U	9330	6010									
DIESEL RANGE ORGANICS	13800	9330	6010									
DIESEL RANGE ORGANICS AS DIESEL												
EPH SCREEN												
GASOLINE RANGE ORGANICS											380D	180D
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH	23331	10969	7025									
TOTAL EXTRACTABLE HYDROCARBONS	20400	10500	6960									
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS					4300	7500	4400	340	190	250		
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	PW-2D	PW-3	Q1	Q1	Q11	Q25	Q5	Q5	Q7	S-17	S-18	S-19
SAMPLE	PW2-D22	PW3-15	Q1C	96-52985	Q11C	C11710	Q5B	Q5C	Q7C	S-17	S-18	S-19
DEPTH (FT)	5-5	5-5	18-18	16-17	16.5-17	20-20	2-7	14-14.5	17-17.5	8-8	8-8	20-22
DATE	3/23/1993	3/23/1993	4/3/1996	9/12/1996	4/4/1996	7/31/1991	4/2/1996	4/2/1996	4/4/1996	1/26/1993	1/26/1993	1/26/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS			5336		1047			1659	921			
C10-C22 AROMATICS							4760					
C11-C22 AROMATICS												
C19-C36 ALIPHATICS			6917		1357		5860	2151	1194			
C5-C8 ALIPHATICS												
C9-C10 AROMATICS												
C9-C12 ALIPHATICS												
C9-C18 ALIPHATICS			6046		1186		4720	1880	1044			
DIESEL			1500U		2970		80U	4840	2890			
DIESEL RANGE ORGANICS			12000	6210	2970		4860	4840	2890			
DIESEL RANGE ORGANICS AS DIESEL				400U								
EPH SCREEN												
GASOLINE RANGE ORGANICS	3600D	4900D										
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH			20545		3502			5671	3069			
TOTAL EXTRACTABLE HYDROCARBONS			18300	7840	3590		7180	5690	3160			
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS						43000				100	120	2200
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	S2	S-20	S-22	S-23	S-24	S-25	S3	SBRM-1	SBRM-2	SW-11	SW-12	SW-9
SAMPLE	98-26869	S-20	S-22	S-23	S-24	S-25	98-26870	SB-01B	SB-02B	SW11-20	SW12-20	TB1H495B
DEPTH (FT)	17-17	2-2	8-8	20-20	3-3	3-3	19-19	6-10	5-7.5	20-20	20-20	20-20
DATE	4/5/1998	2/2/1993	2/8/1993	2/8/1993	2/10/1993	2/10/1993	4/5/1998	4/4/2005	4/14/2005	7/2/1992	7/2/1992	7/1/1992
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS												
C10-C22 AROMATICS												
C11-C22 AROMATICS												
C19-C36 ALIPHATICS												
C5-C8 ALIPHATICS												
C9-C10 AROMATICS												
C9-C12 ALIPHATICS												
C9-C18 ALIPHATICS												
DIESEL												
DIESEL RANGE ORGANICS	**954**						**5590**					
DIESEL RANGE ORGANICS AS DIESEL	**954**						**5590**					
EPH SCREEN								**12**	**11**			
GASOLINE RANGE ORGANICS										**16**	5U	**29**
GASOLINE RANGE ORGANICS AS GASOLINE												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH							**6659**					
TOTAL EXTRACTABLE HYDROCARBONS	**1100**						**6620**					
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBON												
TOTAL PETROLEUM HYDROCARBONS		**10100**	**120**	**630**	**120**	**300**						
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	TP1-02	TP1-02	TP1-02	TP2-02	TP2-02	TP2-02	TP3-02	TP3-02
SAMPLE	MCW-SS-1-2	MCW-SS-1-3	MCW-SS-1-4	MCW-SS-2-2	MCW-SS-2-3	MCW-SS-2-4	MCW-SS-3-2	MCW-SS-3-3
DEPTH (FT)	4-6	8-10	17-19	4-6	8-10	18-19	4-6	8-10
DATE	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002	4/23/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS								
C10-C22 AROMATICS								
C11-C22 AROMATICS	**45**		**1370**			**1160**		
C19-C36 ALIPHATICS	**64**		**1120**			**999**		
C5-C8 ALIPHATICS	2U	2U	**50**	2U	2U	**53**	2U	2U
C9-C10 AROMATICS	2U	2U	**395**	2U	2U	**559**	2U	2U
C9-C12 ALIPHATICS	2U	2U	**549**	2U	2U	**838**	2U	2U
C9-C18 ALIPHATICS	20U		**1580**			**1680**		
DIESEL								
DIESEL RANGE ORGANICS								
DIESEL RANGE ORGANICS AS DIESEL								
EPH SCREEN								
GASOLINE RANGE ORGANICS								
GASOLINE RANGE ORGANICS AS GASOLINE								
LUBE OIL AND RELATED PRODUCTS								
TOTAL EPH								
TOTAL EXTRACTABLE HYDROCARBONS	**141**		**4220**			**4040**		
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN	**313**	10U	**6140**	10U	10U	**5070**	10U	10U
TOTAL PETROLEUM HYDROCARBON								
TOTAL PETROLEUM HYDROCARBONS								
TOTAL PURGEABLE HYDROCARBONS	2U	2U	**1920**	2U	2U	**2560**	2U	2U

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

STATION	TP3-02	TP3-02	W18	X18	Y15/16	Z14	Z16	Z17
SAMPLE	MCW-SS-3-4	MCW-SS-3-5 DUP	98-26877	X18C	98-26878	98-26879	Z16B	98-26880
DEPTH (FT)	18-19	4-6	16-16	9.5-10	15-15	11.5-11.5	2-4	12-12
DATE	4/23/2002	4/23/2002	4/5/1998	4/3/1996	4/5/1998	4/5/1998	4/3/1996	4/5/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS				**2750**			**143**	
C10-C22 AROMATICS								
C11-C22 AROMATICS	**2150**							
C19-C36 ALIPHATICS	**1840**			**3565**			**186**	
C5-C8 ALIPHATICS	**124**	2U						
C9-C10 AROMATICS	**950**	2U						
C9-C12 ALIPHATICS	**1300**	2U						
C9-C18 ALIPHATICS	**2250**			**3116**			**163**	
DIESEL				1500U			40U	
DIESEL RANGE ORGANICS			10U	**3940**	10U	**2440**	**211**	**2230**
DIESEL RANGE ORGANICS AS DIESEL			10U		10U	**2440**		**2230**
EPH SCREEN								
GASOLINE RANGE ORGANICS								
GASOLINE RANGE ORGANICS AS GASOLINE								
LUBE OIL AND RELATED PRODUCTS								
TOTAL EPH				**9751**			**465**	
TOTAL EXTRACTABLE HYDROCARBONS	**6570**		10U	**9430**	10U	**3370**	**492**	**3430**
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN	**8110**	10U						
TOTAL PETROLEUM HYDROCARBON								
TOTAL PETROLEUM HYDROCARBONS								
TOTAL PURGEABLE HYDROCARBONS	**4610**	2U						

Appendix D - Subsurface Soil Data
Petroleum Hydrocarbon

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
U	Analyte analyzed for but not detected; reported with detection limit value
J	Estimated amount
*	PRG's listed for both isomers, most conservative value used

Appendix D - Subsurface Soil Data
Semi-Volatile Organic Compound

STATION	A2-1	A3-1	A3-1	A3-3	A50	A50	A50	A50	B-1	B-1	B-2	B-2	B-3	B-3	B-3	B3-1	B3-2	B3-3	B3-3	B-4	B-4	C100	C100	C100	C100	C1-1	C2-1	C2-1	C2-1	C2-2	C3-1	C3-1	C3-1	C3-2	C3-2	C3-2	C3-2
SAMPLE	A2-1	A3-1	A3-1 DUP	A3-3	11651	11652	11653	11654	B-1(19-21')	B-1(23-24')	B-2(19-21')	B-2(24-26')	B-3(14-16')	B-3(19-21')	B-3(21-23')	B3-1	B3-2	B3-3	B3-3 DUP	B-4(18-20')	B-4(20-22')	11661	11662	11663	11664	C1-1	C2-1	C2-1	C2-1	C2-2	C3-1	C3-1	C3-1 DUP	C3-2 DUP	C3-2 DUP	C3-2	C3-2
DEPTH (FT)	8-10	8-10	8-10	8-9.5	2-2	6-6	15-15	10-10	19-21	23-24	19-21	24-26	14-16	19-21	21-23	8-10	8-10	8-10	8-10	18-20	20-22	6-6	10-10	2-2	15-15	9-11	2.5-4	4-6	8-10	8-10	4-6	8-9.5	8-9.5	4-6	8-10	4-6	8-10
DATE	6/1/2002	6/1/2002	6/1/2002	6/1/2002	9/27/1991	9/27/1991	9/27/1991	9/27/1991	1/27/1993	1/27/1994	1/27/1993	1/27/1993	1/28/1993	1/28/1993	1/28/1993	6/1/2002	6/1/2002	6/1/2002	6/2/2002	1/28/1993	1/28/1993	9/27/1991	9/27/1991	9/27/1991	9/27/1991	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE																																					
1,2-DICHLOROBENZENE																																					
1,2-DIPHENYLHYDRAZINE																																					
1,3-DICHLOROBENZENE																																					
1,4-DICHLOROBENZENE																																					
1-METHYLNAPHTHALENE																																					
2,2'-OXYBIS(1-CHLOROPROPANE)																																					
2,3,4,5-TETRACHLOROPHENOL																																					
2,3,4-TRICHLOROPHENOL																																					
2,3,5,6-TETRACHLOROPHENOL																																					
2,3,6-TRICHLOROPHENOL																																					
2,4,5-TRICHLOROPHENOL																																					
2,4,6-TRICHLOROPHENOL																																					
2,4-DICHLOROPHENOL																																					
2,4-DIMETHYLPHENOL																																					
2,4-DINITROPHENOL																																					
2,4-DINITROTOLUENE																																					
2,6-DIMETHYLNAPHTHALENE																																					
2,6-DINITROTOLUENE																																					
2-CHLORONAPHTHALENE																																					
2-CHLOROPHENOL																																					
2-METHYLNAPHTHALENE	0.33U	0.67U	0.67U	1.3U												2U	1.3U	0.33U	0.67U							0.33U	**21**	**9.5**	**0.72**	**1.7**	0.67U	0.67U	**0.89**	0.67U	0.33U	0.33U	0.33U
2-METHYLPHENOL																																					
2-NITROANILINE																																					
2-NITROPHENOL																																					
3,3'-DICHLOROBENZIDINE																																					
3-NITROANILINE																																					
4,6-DINITRO-2-METHYLPHENOL																																					
4-BROMOPHENYL-PHENYLETHER																																					
4-CHLORO-3-METHYLPHENOL																																					
4-CHLOROANILINE																																					
4-CHLOROPHENYL-PHENYLETHER																																					
4-METHYLPHENOL																																					
4-METHYLPHENOL/3-METHYLPHENOL																																					
4-NITROANILINE																																					
4-NITROPHENOL																																					
ACENAPHTHENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	1.21U	1.21U	1.21U	1.21U	1.21U	1.21U	1.21U	2U	1.3U	0.33U	0.67U	1.21U	1.21U	5.3U	5.3U	5.9U	6.2U	0.33U	**1.9J**	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
ACENAPHTHYLENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	1.54U	1.54U	1.54U	1.54U	1.54U	1.54U	1.54U	2U	1.3U	0.33U	0.67U	1.54U	1.54U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
ANTHRACENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	0.442U	0.442U	0.442U	0.442U	0.442U	0.442U	0.442U	2U	1.3U	0.33U	0.67U	0.442U	0.442U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
AZOBENZENE																																					
BENZIDINE																																					
BENZO(A)ANTHRACENE	0.33U		0.67U		5.6U	5.6U	5.5U	5.5U	**0.0574**	**0.0441**	0.00871U	0.00871U	0.00871U	0.00871U	0.00871U	2U				**0.0486**	0.00871U	5.3U	5.3U	5.9U	6.2U													
BENZO(A)PYRENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	**0.0168**	0.0154U	0.0154U	0.0154U	0.0154U	0.0154U	0.0154U	2U	1.3U	0.33U	0.67U	0.0154U	0.0154U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
BENZO(B)FLUORANTHENE					5.6U	5.6U	5.5U	5.5U	**0.032**	0.0121U	0.0121U	0.0121U	0.0121U	0.0121U	0.0121U					**0.0225**	0.0121U	5.3U	5.3U	5.9U	6.2U													
BENZO(B,K)FLUORANTHENE	0.33U	0.67U	0.67U	1.3U												2U	1.3U	0.33U	0.67U							0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
BENZO(E)PYRENE																																					
BENZO(G,H,I)PERYLENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	2U	1.3U	0.33U	0.67U	0.0509U	0.0509U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
BENZO(K)FLUORANTHENE					5.6U	5.6U	5.5U	5.5U	**0.0205**	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U					0.0114U	0.0114U	5.3U	5.3U	5.9U	6.2U													
BENZOIC ACID																																					
BENZYL ALCOHOL																																					
BIPHENYL																																					
BIS(2-CHLOROETHOXY)METHANE																																					
BIS(2-CHLOROETHYL)ETHER																																					
BIS(2-CHLOROISOPROPYL)ETHER																																					
BIS(2-ETHYLHEXYL)PHTHALATE																																					
BUTYL BENZYL PHTHALATE																																					
CARBAZOLE					5.6U	5.6U	5.5U	5.5U														5.3U	5.3U	5.9U	6.2U													
CHRYSENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	0.101U	0.101U	0.101U	0.101U	0.101U	0.101U	0.101U	2U	1.3U	0.33U	0.67U	0.101U	0.101U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
DIBENZ(A,H)ANTHRACENE					5.6U	5.6U	5.5U	5.5U	0.0201U	0.0201U	0.0201U	0.0201U	0.0201U	0.0201U	0.0201U					0.0201U	0.0201U	5.3U	5.3U	5.9U	6.2U													
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)																																					
DIBENZOFURAN																																					
DIETHYL PHTHALATE																																					
DIMETHYL PHTHALATE																																					
DI-N-BUTYL PHTHALATE																																					
DI-N-OCTYL PHTHALATE																																					
FLOURENE																																					
FLUORANTHENE	0.33U	**0.99**	**0.99**	1.3U	5.6U	5.6U	5.5U	5.5U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	2U	**2.7**	0.33U	0.67U	0.141U	0.141U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	**0.36**	0.33U	**0.44**
FLUORENE	0.33U	**0.62J**	**0.62J**	1.3U	5.6U	5.6U	5.5U	5.5U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	2U	**2.5**	0.33U	0.67U	0.141U	0.141U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
HEXACHLOROBENZENE																																					
HEXACHLOROBUTADIENE																																					
HEXACHLOROCYCLOPENTADIENE																																					
HEXACHLOROETHANE																																					
INDENO(1,2,3-CD)PYRENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U	2U	1.3U	0.33U	0.67U	0.0288U	0.0288U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
ISOPHORONE																																					
NITROBENZENE																																					
N-NITROSODIMETHYLAMINE																																					
N-NITROSODI-N-PROPYLAMINE																																					
N-NITROSODIPHENYLAMINE																																					
PHENANTHRENE	0.33U	0.67U	0.67U	1.3U	5.6U	5.6U	5.5U	5.5U	0.429U	0.429U	0.429U	0.429U	0.429U	0.429U	0.429U	2U	1.3U	0.33U	0.67U	0.429U	0.429U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	0.33U
PHENOL																																					
PYRENE	0.33U	**1.3**	**1.3**	1.3U	5.6U	5.6U	5.5U	5.5U	0.181U	0.181U	0.181U	0.181U	0.181U	0.181U	0.181U	2U	**2.7**	0.33U	0.67U	0.181U	0.181U	5.3U	5.3U	5.9U	6.2U	0.33U	2U	0.67U	0.33U	0.33U	0.67U	0.67U	0.67U	0.67U	0.33U	0.33U	**0.41**
PYRIDINE																																					

Appendix D - Subsurface Soil Data
Semi-Volatile Organic Compound

STATION	C40	C40	C40	C40	CC25	D15	E13	E20	E20	E20	EH-1	EH-2	EH-2A	EH-3	EH-4	G(-20)	G(-20)	G(-20)	G(-20)	GWY-10	GWY-11	GWY-12	GWY-12	GWY-13	GWY-13	GWY-14	GWY-15	GWY-15	GWY-16	GWY-16	GWY-17	GWY-17	GWY-17	GWY-7	GWY-8	GWY-9	H10	H6
SAMPLE	A11666	A11667	A11668	A11669	12278	D15C	E13C	11646	11647	11649	92-4155	94-17098	94-17099	92-4157	92-4156	A12238	A12241	A12242	A12243	MW-10	MW-11	MW-12	MW-12	MW-13	MW-13	MW-14	1070	1071	1072	1073	1075	1074	1075	MW-7	MW-8	MW-9	H10C	H6C
DEPTH (FT)	15-15	10-10	6-6	2-2	25-25	2.5-7	9-9.4	6-6	10-10	2-2	2.5-4.5	6-13	10.5-13.5	12.5-14.5	17.5-19.5	6-6	2-2	20-20	15-15	23-23	20-20	16-16	20-20	16-16	20-20	21-21	5-5	15-15	5-5	18-18	12-12	5-5	12-12	20-20	23-23	20-20	7-10	5.5-6
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/1/1996	4/1/1996	9/27/1991	9/27/1991	9/27/1991	1/20/1992	4/22/1994	4/22/1994	1/20/1992	1/20/1992	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/25/1985	9/25/1985	9/25/1985	9/25/1985	9/25/1985	9/25/1985	9/25/1985	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	9/25/1985	9/25/1985	9/25/1985	4/1/1996	4/1/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
1,2-DICHLOROBENZENE						0.33U					0.33U	0.2U	0.2U	0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
1,2-DIPHENYLHYDRAZINE																				1U	1U	2U	1U	1U	1U	1U								1U	1U	1U		
1,3-DICHLOROBENZENE						0.33U					0.33U	0.2U	0.2U	0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
1,4-DICHLOROBENZENE						0.33U					0.33U	0.2U	0.2U	0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
1-METHYLNAPHTHALENE						0.33U				10.53U	0.72U			0.33U	0.33U	10.42U																						
2,2'-OXYBIS(1-CHLOROPROPANE)																																						
2,3,4,5-TETRACHLOROPHENOL																																						
2,3,4-TRICHLOROPHENOL																																						
2,3,5,6-TETRACHLOROPHENOL																																						
2,3,6-TRICHLOROPHENOL																																						
2,4,5-TRICHLOROPHENOL											0.33U			0.33U	0.33U												0.4U	0.5U	0.5U	0.5U	0.5U	0.5U						
2,4,6-TRICHLOROPHENOL											0.33U			0.33U	0.33U												0.3U	0.3U	0.3U	0.3U	0.3U	0.3U						
2,4-DICHLOROPHENOL											0.33U			0.33U	0.33U												0.2U	0.2U	0.2U	0.2U	0.2U	0.2U						
2,4-DIMETHYLPHENOL											0.33U			0.33U	0.33U												0.09U	0.1U	0.1U	0.09U	0.1U	0.1U						
2,4-DINITROPHENOL																											0.4U	0.5U	0.5U	0.5U	0.5U	0.5U						
2,4-DINITROTOLUENE						0.33U					0.33U			0.33U	0.33U					3U	3U	5U	3U	3U	3U	3U	0.4U	0.5U	0.5U	0.5U	0.5U	0.5U		3U	3U	3U		
2,6-DIMETHYLNAPHTHALENE										**5J**						10.42U																						
2,6-DINITROTOLUENE						0.33U					0.33U			0.33U	0.33U					3U	3U	5U	3U	3U	3U	3U	0.4U	0.5U	0.5U	0.5U	0.5U	0.5U		3U	3U	3U		
2-CHLORONAPHTHALENE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
2-CHLOROPHENOL											0.33U			0.33U	0.33U												0.09U	0.1U	0.1U	0.09U	0.1U	0.1U						
2-METHYLNAPHTHALENE						0.33U	0.17U			10.53U	1.2U			0.33U	0.33U	10.42U											0.09U	0.1U	0.1U	0.09U	0.1U	0.1U					**0.56**	0.17U
2-METHYLPHENOL											0.33U			0.33U	0.33U												0.3U	0.3U	0.3U	0.3U	0.3U	0.3U						
2-NITROANILINE																											2U	2U	2U	2U	2U	2U						
2-NITROPHENOL											0.33U			0.33U	0.33U												0.2U	0.2U	0.2U	0.2U	0.2U	0.2U						
3,3'-DICHLOROBENZIDINE						0.67U					0.66U			0.66U	0.66U					3U	3U	5U	3U	3U	3U	3U	0.4U	0.5U	0.5U	0.5U	0.5U	0.5U		3U	3U	3U		
3-NITROANILINE																											2U	2U	2U	2U	2U	2U						
4,6-DINITRO-2-METHYLPHENOL											1.6U			1.6U	1.6U												0.4U	0.5U	0.5U	0.5U	0.5U	0.5U						
4-BROMOPHENYL-PHENYLETHER						0.33U					0.33U			0.33U	0.33U					2U	2U	3U	2U	2U	2U	2U	0.3U	0.3U	0.3U	0.3U	0.3U	0.3U		2U	2U	2U		
4-CHLORO-3-METHYLPHENOL											0.33U			0.33U	0.33U												0.2U	0.2U	0.2U	0.2U	0.2U	0.2U						
4-CHLOROANILINE																											0.4U	0.5U	0.5U	0.5U	0.5U	0.5U						
4-CHLOROPHENYL-PHENYLETHER						0.33U					0.33U			0.33U	0.33U					1U	1U	2U	1U	1U	1U	1U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U		1U	1U	1U		
4-METHYLPHENOL																											0.3U	0.3U	0.3U	0.3U	0.3U	0.3U						
4-METHYLPHENOL/3-METHYLPHENOL											0.33U			0.33U	0.33U																							
4-NITROANILINE																											2U	2U	2U	2U	2U	2U						
4-NITROPHENOL											1.6U			1.6U	1.6U												0.4U	0.5U	0.5U	0.5U	0.5U	0.5U						
ACENAPHTHENE	5.4U	5.3U	5.2U	5.6U	**5.7J**	0.33U	0.17U	**42**	**32**	21.05U	0.33U			0.33U	0.33U	5.2U	5.7U	**220E**	**37**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**1.4**	0.17U
ACENAPHTHYLENE	5.4U	5.3U	5.2U	5.6U	**3.6J**	0.33U	0.17U	**36**	**23**	**2.7J**	0.33U			0.33U	0.33U	5.2U	5.7U	**93**	**8.7**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**1.1**	0.17U
ANTHRACENE	5.4U	5.3U	5.2U	5.6U	**6.6**	0.33U	0.17U	**21J**	**40**	**12**	0.33U			0.33U	0.33U	5.2U	5.7U	**90**	**27**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	0.33U	0.17U
AZOBENZENE						0.33U					0.33U			0.33U	0.33U																							
BENZIDINE						0.67U					0.66U			0.66U	0.66U					30U	30U	50U	30U	30U	30U	30U								30U	30U	30U		
BENZO(A)ANTHRACENE	5.4U	5.3U	5.2U	5.6U	5.9U	0.33U	0.17U	**14J**	**8.3J**	**2.1J**	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	**8.5**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	0.33U	0.17U
BENZO(A)PYRENE	5.4U	5.3U	5.2U	5.6U	5.9U	0.33U	0.17U	27U	27U	5.3U	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	5.3U	1U	1U	2U	1U	1U	1U	1U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U		1U	1U	1U	0.33U	0.17U
BENZO(B)FLUORANTHENE	5.4U	5.3U	5.2U	5.6U	5.9U	0.33U		27U	27U	5.3U	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	5.3U								0.2U	0.2U	0.2U	0.2U	0.2U	0.2U						
BENZO(B,K)FLUORANTHENE							0.34U													1U	1U	2U	1U	1U	1U	1U								1U	1U	1U	0.66U	0.34U
BENZO(E)PYRENE										21.05U						20.83U																						
BENZO(G,H,I)PERYLENE	5.4U	5.3U	5.2U	5.6U	5.9U	0.33UJ	0.17U	27U	27U	5.3U	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	5.3U	2U	2U	3U	2U	2U	2U	2U	0.3U	0.3U	0.3U	0.3U	0.3U	0.3U		2U	2U	2U	0.33U	0.17U
BENZO(K)FLUORANTHENE	5.4U	5.3U	5.2U	5.6U	5.9U	0.33U		27U	27U	5.3U	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	5.3U								0.2U	0.2U	0.2U	0.2U	0.2U	0.2U						
BENZOIC ACID																											2U	2U	2U	2U	2U	2U						
BENZYL ALCOHOL																											0.4U	0.5U	0.5U	0.5U	0.5U	0.5U						
BIPHENYL										10.53U						10.42U																						
BIS(2-CHLOROETHOXY)METHANE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
BIS(2-CHLOROETHYL)ETHER						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
BIS(2-CHLOROISOPROPYL)ETHER						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
BIS(2-ETHYLHEXYL)PHTHALATE						**0.27J**					0.33U			0.33U	**0.06JB**					5U	5U	10U	5U	5U	5U	5U	0.9U	1U	1U	0.9U	1U	1U		5U	5U	**0.95J**		
BUTYL BENZYL PHTHALATE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
CARBAZOLE	5.4U	5.3U	5.2U	5.6U	**3.3J**			**12J**	**42**	5.3U						5.2U	5.7U	**170E**	**48**																			
CHRYSENE	5.4U	5.3U	5.2U	5.6U	**1.4J**	0.33U	0.17U	27U	27U	5.3U	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	5.3U	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**0.37**	0.17U
DIBENZ(A,H)ANTHRACENE	5.4U	5.3U	5.2U	5.6U	5.9U	0.33UJ		27U	27U	5.3U	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	5.3U	2U	2U	3U	2U	2U	2U	2U	0.3U	0.3U	0.3U	0.3U	0.3U	0.3U		2U	2U	2U		
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)																																						
DIBENZOFURAN										10.53U						10.42U											0.2U	0.2U	0.2U	0.2U	0.2U	0.2U						
DIETHYL PHTHALATE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
DIMETHYL PHTHALATE						**0.6**					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
DI-N-BUTYL PHTHALATE						0.33U					**0.1J**			**0.05J**	**0.06J**					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	**0.13**	0.1U		0.5U	0.5U	0.5U		
DI-N-OCTYL PHTHALATE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
FLOURENE																																						
FLUORANTHENE	5.4U	5.3U	5.2U	5.6U	**4.7J**	0.33U	0.17U	**30**	**14J**	**11**	0.33U			0.33U	0.33U	5.2U	5.7U	**130E**	**35**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**1**	0.17U
FLUORENE	5.4U	5.3U	5.2U	5.6U	**19**	0.33U	0.17U	**36**	**41**	**14**	**0.06J**			0.33U	0.33U	5.2U	5.7U	**200E**	**25**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**0.73**	0.17U
HEXACHLOROBENZENE						0.33U					0.33U			0.33U	0.33U					1U	1U	2U	1U	1U	1U	1U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U		1U	1U	1U		
HEXACHLOROBUTADIENE						0.33U					0.33U			0.33U	0.33U					1U	1U	2U	1U	1U	1U	1U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U		1U	1U	1U		
HEXACHLOROCYCLOPENTADIENE						0.33U					0.33U			0.33U	0.33U					3U	3U	5U	3U	3U	3U	3U	0.4U	0.5U	0.5U	0.5U	0.5U	0.5U		3U	3U	3U		
HEXACHLOROETHANE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
INDENO(1,2,3-CD)PYRENE	5.4U	5.3U	5.2U	5.6U	5.9U	0.33UJ	0.34U	27U	27U	5.3U	0.33U			0.33U	0.33U	5.2U	5.7U	5.3U	5.3U	2U	2U	3U	2U	2U	2U	2U	0.3U	0.3U	0.3U	0.3U	0.3U	0.3U		2U	2U	2U	0.66U	0.34U
ISOPHORONE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U		
NITROBENZENE						0.33U					0.33U			0.33U	0.33U					1U	1U	2U	1U	1U	1U	1U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U		1U	1U	1U		
N-NITROSODIMETHYLAMINE						0.33U					0.33U			0.33U	0.33U					2U	2U	3U	2U	2U	2U	2U								2U	2U	2U		
N-NITROSODI-N-PROPYLAMINE						0.33U					0.33U			0.33U	0.33U					1U	1U	2U	1U	1U	1U	1U	0.2U	0.2U	0.2U	0.2U	0.2U	0.2U		1U	1U	1U		
N-NITROSODIPHENYLAMINE						0.33U					0.33U			0.33U	0.33U					0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.9U	1U	1U	0.9U	1U	1U		0.5U	0.5U	0.5U		
PHENANTHRENE	5.4U	5.3U	5.2U	5.6U	**13**	0.33U	0.17U	**27**	**51**	**2.7J**	**0.08J**			0.33U	0.33U	5.2U	5.7U	**170E**	**41**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	**0.23**	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**0.43**	0.17U
PHENOL											0.33U			0.33U	0.33U												2U	2U	0.1U	2U		2U	2U					
PYRENE	5.4U	5.3U	5.2U	5.6U	**6**	0.33U	0.17U	**26J**	**63**	21.05U	0.33U			0.33U	0.33U	5.2U	5.7U	**100E**	**28**	0.5U	0.5U	1U	0.5U	0.5U	0.5U	0.5U	0.09U	0.1U	**0.16**	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**0.95**	0.17U
PYRIDINE						0.67U					0.66U			0.66U	0.66U																							

Appendix D - Subsurface Soil Data
Semi-Volatile Organic Compound

STATION	H8	I(-20)	I(-20)	I20	I20	I20	I20	I20	I20	I5	J15	J6	J75	J75	J75	J75	J8	K20	K20	K20	K20	K5	K7	K9	KPT-10	KPT-10	KPT-12	KPT-15	KPT-9	KPT-9	L(-20)	L(-20)	L2	L4	L50	L50	L50
SAMPLE	H8C	12271	A12353	11634	11635	11636	11637	11638	11643	I5B	J15C	J6C	A11670	A11671	A11672	A11673	J8B	11640	11641	11642	B11547	K5BC	K7B	K9C	KPT-10 (10-12)	KPT-10 (25-27)	KPT-12	KPT-15 (22-24)	KPT-9A	KPT-9B	A11732	A12237	L2C	L4B	A11678	A11679	A11681
DEPTH (FT)	2-5.6	10-10	20-20	15-15	2-2	7-7	10-10	20-20	25-25	2-3.5	7-8	6.5-7	2-2	6-6	10-10	15-15	8.5-9	15-15	10-10	6-6	2-2	0.9-7.9	8.5-9	11.5-12.5	10-12	25-27	17-18	22-24	6-8	20-22	6-6	15-15	10.5-11	1.5-3.2	6-6	2-2	15-15
DATE	4/1/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/1/1996	4/3/1996	4/1/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/3/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/12/1996	4/1/1996	4/5/1996	11/18/1996	11/18/1996	9/6/1996	11/18/1996	9/6/1996	9/6/1996	9/27/1991	9/27/1991	4/3/1996	4/2/1996	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE																	3.3U																				
1,2-DICHLOROBENZENE																	3.3U																				
1,2-DIPHENYLHYDRAZINE																																					
1,3-DICHLOROBENZENE																	3.3U																				
1,4-DICHLOROBENZENE																	3.3U																				
1-METHYLNAPHTHALENE						10.53U			191								2J			56.18U																	
2,2'-OXYBIS(1-CHLOROPROPANE)																																					
2,3,4,5-TETRACHLOROPHENOL																									0.0064U	0.0069U	0.0077U	0.0065U	0.0066U	0.0069U							
2,3,4-TRICHLOROPHENOL																									0.0064U	0.0069U	0.0077U	0.0065U	0.0066U	0.0069U							
2,3,5,6-TETRACHLOROPHENOL																									0.0064U	0.0069U	0.0077U	0.0065U	0.0066U	0.0069U							
2,3,6-TRICHLOROPHENOL																									0.0064U	0.0069U	0.0077U	0.0065U	0.0066U	0.0069U							
2,4,5-TRICHLOROPHENOL																									0.0064U	0.0069U	0.0077U	0.0065U	0.0066U	0.0069U							
2,4,6-TRICHLOROPHENOL																									0.0064U	0.0069U	0.0096Y	0.0065U	0.0066U	0.0069U							
2,4-DICHLOROPHENOL																																					
2,4-DIMETHYLPHENOL																																					
2,4-DINITROPHENOL																																					
2,4-DINITROTOLUENE																	3.3U																				
2,6-DIMETHYLNAPHTHALENE						10.53U			319											56.18U																	
2,6-DINITROTOLUENE																	3.3U																				
2-CHLORONAPHTHALENE																	3.3U																				
2-CHLOROPHENOL																																					
2-METHYLNAPHTHALENE	0.33U					10.53U			239	0.17U	0.5U	0.17U					3.3U			56.18U		2	2.8	0.83U									2.5U	2.9			
2-METHYLPHENOL																																					
2-NITROANILINE																																					
2-NITROPHENOL																																					
3,3'-DICHLOROBENZIDINE																	6.7UJ																				
3-NITROANILINE																																					
4,6-DINITRO-2-METHYLPHENOL																																					
4-BROMOPHENYL-PHENYLETHER																	3.3U																				
4-CHLORO-3-METHYLPHENOL																																					
4-CHLOROANILINE																																					
4-CHLOROPHENYL-PHENYLETHER																	3.3U																				
4-METHYLPHENOL																																					
4-METHYLPHENOL/3-METHYLPHENOL																																					
4-NITROANILINE																																					
4-NITROPHENOL																																					
ACENAPHTHENE	0.33U	5.4U	190E	130	5.2U	21.05U	67	280	500E	0.3	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3U	320	260	5.6U	5.2U	0.56	2.2	0.83U							5.5U	45	2.5U	1.5	5.3U	5.4U	5.3U
ACENAPHTHYLENE	0.33U	5.4U	34	56	5.2U	5.3U	22J	140	54.35U	0.25	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3U	180	52	56.18U	5.2U	0.77	4.7	0.83U							5.5U	8.9	2.5U	0.97	5.3U	5.4U	
ANTHRACENE	0.33U	5.4U	86	23J	5.2U	3.7J	50	130	290	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3U	52	48	2.2J	5.2U	0.17U	1.7U	0.83U							5.5U	8.7	2.5U	0.67U	5.3U	5.4U	5.3U
AZOBENZENE																	3.3U																				
BENZIDINE																	6.7UJ																				
BENZO(A)ANTHRACENE	0.33U	5.4U	5.3U	9.6J	5.2U	2.2J	6J	40	86	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3UJ	7.4J	8.3J	80	5.2U	0.35	1.7U	1.3							5.5U	1.6J	2.5U	0.67U	5.3U	5.4U	5.3U
BENZO(A)PYRENE	0.77	5.4U	5.3U	27U	5.2U	5.3U	28U	27U	54.35U	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3UJ	28U	27U	56.18U	5.2U	0.17U	1.7U	0.83U							5.5U	5.2U	2.5U	0.67U	5.3U	5.4U	5.3U
BENZO(B)FLUORANTHENE		5.4U	5.3U	27U	5.2U	5.3U	28U	27U	54.35U				6U	5.3U	5.5U	5.3U	3.3UJ	28U	27U	56.18U	5.2U										5.5U	5.2U			5.3U	5.4U	5.3U
BENZO(B,K)FLUORANTHENE	0.66U									0.34U	1U	0.34U										0.34U	3.3U	1.7U									5U	1.3U			
BENZO(E)PYRENE						21.05U			108.7U											112.36U																	
BENZO(G,H,I)PERYLENE	0.33U	5.4U	5.3U	27U	5.2U	5.3U	28U	27U	54.35U	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3UJ	28U	27U	56.18U	5.2U	0.17U	1.7U	0.83U							5.5U	5.2U	2.5U	0.67U	5.3U	5.4U	5.3U
BENZO(K)FLUORANTHENE		5.4U	5.3U	27U	5.2U	10530U	28U	27U	54.35U				6U	5.3U	5.5U	5.3U	3.3UJ	28U	27U	56.18U	5.2U										5.5U	5.2U			5.3U	5.4U	5.3U
BENZOIC ACID																																					
BENZYL ALCOHOL																																					
BIPHENYL						10.53U			14J											56.18U																	
BIS(2-CHLOROETHOXY)METHANE																	3.3U																				
BIS(2-CHLOROETHYL)ETHER																	3.3U																				
BIS(2-CHLOROISOPROPYL)ETHER																	3.3U																				
BIS(2-ETHYLHEXYL)PHTHALATE																	3.3UJ																				
BUTYL BENZYL PHTHALATE																	3.3UJ																				
CARBAZOLE		5.4U	40	43	5.2U	10.53U	29	87	54.35U				6U	5.3U	5.5U	5.3U		79	64	8.7	5.2U										5.5U	16			5.3U	5.4U	5.3U
CHRYSENE	0.33U	5.4U	5.3U	27U	5.2U	5.3U	28U	27U	54.35U	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3UJ	28U	27U	56.18U	5.2U	0.17U	1.7U	0.83U							5.5U	5.2U	2.5U	0.67U	5.3U	5.4U	5.3U
DIBENZ(A,H)ANTHRACENE		5.4U	5.3U	27U	5.2U	5.3U	28U	27U	54.35U				6U	5.3U	5.5U	5.3U	3.3UJ	28U	27U	56.18U	5.2U										5.5U	5.2U			5.3U	5.4U	5.3U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)																																					
DIBENZOFURAN						10.53U			19J											56.18U																	
DIETHYL PHTHALATE																	3.3U																				
DIMETHYL PHTHALATE																	3.3U																				
DI-N-BUTYL PHTHALATE																	3.3U																				
DI-N-OCTYL PHTHALATE																	3.3UJ																				
FLOURENE																																					
FLUORANTHENE	0.52	5.4U	120	17J	5.2U	13	25J	82	54.35U	0.49	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3U	26J	28	6.2	5.2U	1.3	3.1	1							5.5U	16	3.3	0.67U	5.3U	5.4U	5.3U
FLUORENE	0.33U	5.4U	190E	130	5.2U	5.3U	92	51	64	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3U	280	230	56.18U	5.2U	1.9	5.3	0.83U							5.5U	42	2.5U	0.67U	5.3U	5.4U	5.3U
HEXACHLOROBENZENE																	3.3U																				
HEXACHLOROBUTADIENE																	3.3U																				
HEXACHLOROCYCLOPENTADIENE																	3.3U																				
HEXACHLOROETHANE																	3.3U																				
INDENO(1,2,3-CD)PYRENE	0.66U	5.4U	5.3U	27U	5.2U	5.3U	28U	27U	54.35U	0.34U	1U	0.34U	6U	5.3U	5.5U	5.3U	3.3UJ	28U	27U	56.18U	5.2U	0.34U	3.3U	1.7U							5.5U	5.2U	5U	1.3U	5.3U	5.4U	5.3U
ISOPHORONE																	3.3U																				
NITROBENZENE																	3.3U																				
N-NITROSODIMETHYLAMINE																	3.3U																				
N-NITROSODI-N-PROPYLAMINE																	3.3U																				
N-NITROSODIPHENYLAMINE																	3.3U																				
PHENANTHRENE	0.33U	5.4U	180E	110	5.2U	5.2J	120	300	660E	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	0.81J	220	170	56.18U	5.2U	0.47	1.7	0.83U							5.5U	34	2.5U	0.67U	5.3U	5.4U	5.3U
PHENOL																																					
PYRENE	0.33U	5.4U	83	29	5.2U	6.6	45	160	330	0.5	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3UJ	28J	29	5.6U	5.2U	0.96	2.7	1.1							5.5U	7	3.6	0.67U	5.3U	5.4U	5.3U
PYRIDINE																	6.7U																				

Appendix D - Subsurface Soil Data
Semi-Volatile Organic Compound

STATION	L6	L8	M20	M20	M3	M5	M7	N2	N6	O11	O5	O7	O9	P8	Q25	Q25	Q25	Q25	Q5	RR-SO-1	RR-SO-2	S-12	S-13	S-13	S-14	S-17	S-18	S-19	S-20	S-22	S-23	S-24	S-25	S-3	S-4	S-5	S-6	SS-1A-99
SAMPLE	L6B	L8B	11676	A11675	M3A	M5B	M7B	N2C	N6B	O11B	O5B	O7B	O9B	P8C	A11683	A11686	A11710	A11711	Q5B	HC-304	HC-306	S-12	S-13	S-13A	S-14	S-17	S-18	S-19	S-20	S-22	S-23	S-24	S-25	S-3	S-4	S-5	S-6	AE44A
DEPTH (FT)	7.5-8	14.5-15	15-15	6-6	5-8	3-4	4-5	11.5-12.2	1.5-3.5	4-6	8-8.5	2-3	2-3	10-11	2-2	9-9	20-20	15-15	2-7	12.5-15.5	8.5-10	8-8	8-8	9-9	6.5-6.5	8-8	8-8	20-22	2-2	8-8	20-20	3-3	3-3	7-7	7-7	13-13	5-6	6-6
DATE	4/2/1996	4/3/1996	9/27/1991	9/27/1991	4/1/1996	4/1/1996	4/3/1996	4/3/1996	4/2/1996	4/4/1996	4/1/1996	4/5/1996	4/4/1996	4/4/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/2/1996	2/25/1986	2/25/1986	12/15/1992	12/15/1992	12/23/1992	12/17/1992	1/26/1993	1/26/1993	1/26/1993	2/2/1993	2/8/1993	2/8/1993	2/10/1993	2/10/1993	11/16/1992	12/3/1992	12/4/1992	12/4/1992	4/17/1999
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE						0.67U																																
1,2-DICHLOROBENZENE						0.67U																																
1,2-DIPHENYLHYDRAZINE																																						
1,3-DICHLOROBENZENE						0.67U																																
1,4-DICHLOROBENZENE						0.67U																																
1-METHYLNAPHTHALENE			10.53U			**0.65J**																																
2,2'-OXYBIS(1-CHLOROPROPANE)																																						
2,3,4,5-TETRACHLOROPHENOL																																						
2,3,4-TRICHLOROPHENOL																																						
2,3,5,6-TETRACHLOROPHENOL																																						
2,3,6-TRICHLOROPHENOL																																						
2,4,5-TRICHLOROPHENOL																																						
2,4,6-TRICHLOROPHENOL																																						
2,4-DICHLOROPHENOL																																						
2,4-DIMETHYLPHENOL																																						
2,4-DINITROPHENOL																																						
2,4-DINITROTOLUENE						0.67U																																
2,6-DIMETHYLNAPHTHALENE			10.53U																																			
2,6-DINITROTOLUENE						0.67U																																
2-CHLORONAPHTHALENE						0.67U																																
2-CHLOROPHENOL																																						
2-METHYLNAPHTHALENE	**1.7**	**5.8**	10.53U		**0.72**	**0.74**	**216**	5U	0.33U	0.17U	**8.1**	**0.59**	0.17U	0.17U					**0.76**	**1.6J**	**0.68J**																	**0.24**
2-METHYLPHENOL																																						
2-NITROANILINE																																						
2-NITROPHENOL																																						
3,3'-DICHLOROBENZIDINE						1.3U																																
3-NITROANILINE																																						
4,6-DINITRO-2-METHYLPHENOL																																						
4-BROMOPHENYL-PHENYLETHER						0.67U																																
4-CHLORO-3-METHYLPHENOL																																						
4-CHLOROANILINE																																						
4-CHLOROPHENYL-PHENYLETHER						0.67U																																
4-METHYLPHENOL																																						
4-METHYLPHENOL/3-METHYLPHENOL																																						
4-NITROANILINE																																						
4-NITROPHENOL																																						
ACENAPHTHENE	**4.1**	**5.4**	21.05U	5.3U	**2.4**	0.67U	**40**	5U	0.33U	0.17U	**3.1**	0.5U	0.17U	0.17U	5.2U	5.3U	**1400E**	**7.2**	**6.3**			1.21U	1.21U	1.21U	1.21U	1.21U	1.21U	6.03U	**103**	1.21U	1.21U	1.21U	12.1U	30.1U	60.3U	1.21U	1.21U	**0.59**
ACENAPHTHYLENE	**1.9**	**8.2**	10.53U	5.3U	**1.4**	0.67U	**70**	5U	**0.36**		**1.2**	0.5U	0.17U	0.17U	5.2U	5.3U	**390E**	5.4U	**8.5**			1.54U	1.54U	1.54U	1.54U	1.54U	1.54U	7.71U	**19.3**	1.54U	1.54U	1.54U	15.4U	38.5U	77.1U	1.54U	1.54U	0.071U
ANTHRACENE	**0.42**	2.5U	10.53U	5.3U	0.33U	0.67U	**6.2**	5U	**0.34**	0.17U	**0.23**	0.5U	0.17U	0.17U	5.2U	5.3U	**480E**	**2.2J**	0.66U	19.8U	19.8U	0.442U	0.442U	0.442U	0.442U	0.442U	0.442U	2.21U	3.3U	0.442U	0.442U	0.442U	4.42U	11.1U	22.1U	0.442U	0.442U	**0.2**
AZOBENZENE						0.67U																																
BENZIDINE						1.3UJ																																
BENZO(A)ANTHRACENE	**0.37**	2.5U	10.53U	5.3U	**0.34**	0.67U	**12**	5U	0.33U	0.17U	0.17U	0.5U	0.17U	0.17U	5.2U	5.3U	**140E**	5.4U	**2.6**			**0.0922**	0.00871U	0.00871U	0.00871U	0.00871U	0.00871U	**0.242**	0.065U	0.00871U	**0.0958**	0.0087U	0.0871U	**2.01**	**5.98**	0.00871U	0.00871U	**0.44**
BENZO(A)PYRENE	0.33U	**4.5**	10.53U	5.3U	**0.44**	0.67UJ	**8**	5U	0.33U	0.17U	0.17U	0.5U	0.17U	0.17U	5.2U	5.3U	5.4U	5.4U	**4.6**			**0.136**	0.0154U	0.0154U	0.0154U	0.0154U	0.0154U	0.0771U	0.115U	0.0154U	0.0154U	0.0154U	0.154U	**1.17**	**3.5**	0.0154U	0.0154U	**0.3**
BENZO(B)FLUORANTHENE			10.53U	5.3U		0.67UJ									5.2U	5.3U	5.4U	5.4U				**0.0827**	0.0121U	0.0121U	0.0121U	0.0121U	0.0121U	0.0603U	0.09U	0.0121U	0.0121U	0.0121U	0.121U	**0.505**	**1.19**	0.0121U	0.0121U	**0.4**
BENZO(B,K)FLUORANTHENE	0.66U	5U			0.64U		10U	10U	0.66U	0.34U	0.34U	1U	0.34U	0.34U					**5.4**																			
BENZO(E)PYRENE			21.05U																																			
BENZO(G,H,I)PERYLENE	0.33U	2.5U	10.53U	5.3U	0.33U	0.67UJ	5U	5U	0.33U	0.17U	0.17U	0.5U	0.17U	0.17U	5.2U	5.3U	5.4U	5.4U	**0.9**			**0.0886**	**0.0778**	0.0509U	0.0509U	0.0509U	0.0509U	0.255U	0.38U	0.0509U	0.0509U	0.0509U	0.509U	1.27U	2.55U	0.0509U	0.0509U	**0.24**
BENZO(K)FLUORANTHENE			10.53U	5.3U		0.67UJ									5.2U	5.3U	5.4U	5.4U				**0.0414**	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U	0.057U	**0.45**	0.0114U	0.0114U	0.0114U	0.114U	**0.38**	**0.961**	0.0114U	0.0114U	**0.27**
BENZOIC ACID																																						
BENZYL ALCOHOL																																						
BIPHENYL			10.53U																																			
BIS(2-CHLOROETHOXY)METHANE						0.67U																																
BIS(2-CHLOROETHYL)ETHER						0.67U																																
BIS(2-CHLOROISOPROPYL)ETHER						0.67U																																
BIS(2-ETHYLHEXYL)PHTHALATE						**0.27J**																																
BUTYL BENZYL PHTHALATE						0.67U																																
CARBAZOLE			10.53U	5.3U											5.2U	5.3U	**550E**	5.4U																				
CHRYSENE	0.33U	**3.6**	10.53U	5.3U	**1.1**	0.67U	5U	**13**	**1.2**	0.17U	0.17U	**1**	0.17U	0.17U	5.2U	5.3U	5.4U	5.4U	0.66U			**0.148**	0.101U	0.101U	0.101U	0.101U	0.101U	0.503U	0.75U	0.101U	0.101U	0.0101U	1.01U	2.51U	5.03U	0.101U	0.101U	**0.97**
DIBENZ(A,H)ANTHRACENE			10.53U	5.3U		0.67UJ									5.2U	5.3U	5.4U	5.4U				**0.0903**	**0.111**	0.0201U	0.0201U	0.0201U	0.0201U	0.101U	0.15U	0.0201U	0.0201U	0.0201U	0.201U	**0.908**	**1.4**	**0.0628**	0.0201U	**0.074**
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)																																						
DIBENZOFURAN			10.53U																																			0.071U
DIETHYL PHTHALATE						0.67U														**1.2J**	19.8UJ																	
DIMETHYL PHTHALATE						0.67U																																
DI-N-BUTYL PHTHALATE						0.67U																																
DI-N-OCTYL PHTHALATE						0.67UJ														**0.24J**	19.8U																	
FLOURENE																				**0.86J**	19.8U																	
FLUORANTHENE	**1.3**	**10**	10.53U	5.3U	**3.6**	0.67U	**40**	**35**	**1.8**	0.17U	**0.95**	**1.8**	0.17U	0.17U	5.2U	5.3U	**200E**	**4.3J**	**19**			0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	**1.48**	1.05U	0.141U	0.141U	0.141U	1.41U	**8.32**	**24.3**	0.141U	0.141U	**1.1**
FLUORENE	**1.3**	**11**	10.53U	5.3U	**2.5**	**0.13J**	**35**	5U	0.33U	0.17U	**1.1**	**0.95**	0.17U	0.17U	5.2U	5.3U	**1900E**	**7.9**	**4.5**			0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.704U	1.05U	0.141U	0.141U	0.141U	1.41U	3.52U	7.04U	0.141U	0.141U	**0.59**
HEXACHLOROBENZENE						0.67U																																
HEXACHLOROBUTADIENE						0.67U																																
HEXACHLOROCYCLOPENTADIENE						0.67U																																
HEXACHLOROETHANE						0.67U																																
INDENO(1,2,3-CD)PYRENE	0.66U	5U	10.53U	5.3U	0.64U	0.67UJ	10U	10U	0.66U	0.34U	0.34U	1U	0.34U	0.34U	5.2U	5.3U	5.4U	5.4U	1.32U			**0.0732**	**0.0382**	0.0288U	0.0288U	0.0288U	0.0288U	0.144U	0.215U	0.0288U	0.0288U	0.0288U	0.288U	0.72U	**1.45**	**0.177**	0.0288U	**0.17**
ISOPHORONE						0.67U																																
NITROBENZENE						0.67U																																
N-NITROSODIMETHYLAMINE						0.67U																																
N-NITROSODI-N-PROPYLAMINE						0.67U																																
N-NITROSODIPHENYLAMINE						0.67U														19.8U	19.8U																	
PHENANTHRENE	**0.68**	**4.5**	10.53U	5.3U	**0.63**	**0.26J**	**17**	5U	0.33U	0.17U	**0.64**	0.5U	0.17U	0.17U	5.2U	5.3U	**1200E**	**7.4**	0.66U	**1.8J**	19.8U	0.429U	0.429U	0.429U	0.429U	0.429U	0.429U	2.14U	3.2U	0.429U	0.429U	0.429U	4.29U	10.7U	21.4U	0.429U	0.429U	**0.96**
PHENOL																																						
PYRENE	**1.2**	**10**	21.05U	5.3U	**3.5**	0.67U	**35**	**33**	**2.2**	0.17U	**0.74**	**1.9**	0.17U	0.17U	5.2U	5.3U	**660E**	5.4U	**2**			0.181U	0.181U	0.181U	0.181U	0.181U	0.181U	**2.17**	1.35U	0.181U	**0.355**	0.181U	1.81U	**9.41**	**24.8**	0.181U	0.181U	**4.7**
PYRIDINE						1.3U																																

Appendix D - Subsurface Soil Data
Semi-Volatile Organic Compound

STATION	SS-1B-99	SS-1C-99	TP1-02	TP1-02	TP-107	TP-111	TP-1-94	TP2-02	TP-2-94	TP3-02	TP-3-94	TP-3-94	TP-4-94	TP-4-94	TP-5-94	TP-6-94	TP-7-94	TP-7-94	TP-8-94	W165	Y95	Y95	YR-SO-4
SAMPLE	AE44B	AE44C	MCW-SS-1-2	MCW-SS-1-4	TP-107B	TP-111B	BNTP-1-20'	MCW-SS-2-4	BNTP-2-10'	MCW-SS-3-4	BNTP-3-20'	BNTP-3-6'	BNTP-4-10'	BNTP-4-20'	BNTP-5-20'	BNTP-6-20'	BNTP-7-10'	BNTP-7-20'	BNTP-8-20'	W165-3 (11727)	Y95-5 (A11724)	Y95-3 (A11729)	HB077
DEPTH (FT)	6-6	6-6	4-6	17-19	3-5.5	5-5	20-20	18-19	10-10	18-19	20-20	6-6	10-10	20-20	20-20	20-20	10-10	20-20	20-20	3-3	5-5	3-3	2.2-3.3
DATE	4/17/1999	4/17/1999	4/23/2002	4/23/2002	9/4/1996	9/4/1996	10/26/1994	4/23/2002	10/25/1994	4/23/2002	10/25/1994	10/25/1994	10/26/1994	10/26/1994	10/26/1994	10/26/1994	10/25/1994	10/25/1994	10/26/1994	9/27/1991	9/27/1991	9/27/1991	3/6/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
1,2-DICHLOROBENZENE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
1,2-DIPHENYLHYDRAZINE																							
1,3-DICHLOROBENZENE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
1,4-DICHLOROBENZENE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
1-METHYLNAPHTHALENE																							
2,2'-OXYBIS(1-CHLOROPROPANE)							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				
2,3,4,5-TETRACHLOROPHENOL					0.007U	**0.0076Y**																	
2,3,4-TRICHLOROPHENOL					0.007U	0.0065U																	
2,3,5,6-TETRACHLOROPHENOL					0.007U	**0.023Y**																	
2,3,6-TRICHLOROPHENOL					0.007U	0.0065U																	
2,4,5-TRICHLOROPHENOL					0.007U	**0.0068Y**	60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				4U
2,4,6-TRICHLOROPHENOL					0.007U	0.0065U	60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				0.6U
2,4-DICHLOROPHENOL							36U		3.4U		6.7U	0.23U	0.21U	0.64U	1.3U	6.7U	0.22U	1.8U	6.4U				0.6U
2,4-DIMETHYLPHENOL							36U		3.4U		6.7U	0.23U	0.21U	0.64U	1.3U	6.7U	0.22U	1.8U	6.4U				0.6U
2,4-DINITROPHENOL							120U		11U		22U	0.77U	0.7U	2.1U	4.4U	22U	0.72U	6U	21U				4U
2,4-DINITROTOLUENE							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				0.6U
2,6-DIMETHYLNAPHTHALENE																							
2,6-DINITROTOLUENE							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				0.6U
2-CHLORONAPHTHALENE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
2-CHLOROPHENOL							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
2-METHYLNAPHTHALENE	**0.28**	**0.52**	0.33U	1.3U			**1000**	1U	1.1U	1.7U	**390**	0.077U	0.07U	**6**	**71**	**75**	0.072U	**14**	**200**				**0.11J**
2-METHYLPHENOL							24U		2.2U		4.5U	0.15U	0.14U	0.42U	0.87U	4.5U	0.14U	1.2U	4.3U				0.6U
2-NITROANILINE							60U		5.6U		**35Y**	0.38U	0.35U	1.1U	**5.4Y**	11U	0.36U	3U	11U				4U
2-NITROPHENOL							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				0.6U
3,3'-DICHLOROBENZIDINE							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				1UJ
3-NITROANILINE							72U		6.7U		13U	0.46U	0.42U	1.3U	2.6U	13U	0.43U	3.6U	13U				
4,6-DINITRO-2-METHYLPHENOL							120U		11U		22U	0.77U	0.7U	2.1U	4.4U	22U	0.72U	6U	21U				4U
4-BROMOPHENYL-PHENYLETHER							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
4-CHLORO-3-METHYLPHENOL							24U		2.2U		4.5U	0.15U	0.14U	0.42U	0.87U	4.5U	0.14U	1.2U	4.3U				0.6U
4-CHLOROANILINE							36U		3.4U		6.7U	0.23U	0.21U	0.64U	1.3U	6.7U	0.22U	1.8U	6.4U				0.6UJ
4-CHLOROPHENYL-PHENYLETHER																							0.6U
4-METHYLPHENOL							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
4-METHYLPHENOL/3-METHYLPHENOL																							
4-NITROANILINE							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				4UJ
4-NITROPHENOL							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				4U
ACENAPHTHENE	**5.7**	**3.9**	0.33U	1.3U			**150**	1U	**2.6**	1.7U	**35**	0.077U	0.07U	**1.6**	**10**	**5.8Y**	0.072U	**1.1**	**28**	6U	5.6U	5.2U	**0.78**
ACENAPHTHYLENE	0.18U	0.19U	0.33U	1.3U			**30Y**	1U	1.1U	1.7U	**14Y**		0.07U	0.21U	**4.2Y**	**18**		0.6U	**12Y**	6U	5.6U	5.2U	0.6U
ANTHRACENE	**0.67**	**1.3**	0.33U	1.3U			**92**	1U	1.1U	1.7U	**14**	0.077U	0.07U	**0.71**	**4.2**	**8.9**	0.072U	0.6U	**10**	6U	5.6U	5.2U	**2**
AZOBENZENE																							
BENZIDINE																							
BENZO(A)ANTHRACENE	**1.7**	**0.82**	0.33U	1.3U			**20**	1U	**1.2**	1.7U	2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	**2.1**
BENZO(A)PYRENE	**0.98**	**0.7**	0.33U	1.3U			12U	1U	1.1U	1.7U	2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	**1.2**
BENZO(B)FLUORANTHENE	**1.2**	**0.99**					12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	**2.1**
BENZO(B,K)FLUORANTHENE			0.33U	1.3U				1U		1.7U													
BENZO(E)PYRENE																							
BENZO(G,H,I)PERYLENE	**0.44**	**0.46**	0.33U	1.3U			12U	1U	1.1U	1.7U	2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	**0.63**
BENZO(K)FLUORANTHENE	**0.86**	**0.62**					12U		**1.3**		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	0.6U
BENZOIC ACID							120U		11U		22U	0.77U	0.7U	2.1U	4.4U	22U	0.72U	6U	21U				4U
BENZYL ALCOHOL							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				0.6U
BIPHENYL																							
BIS(2-CHLOROETHOXY)METHANE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
BIS(2-CHLOROETHYL)ETHER							24U		2.2U		4.5U	0.15U	0.14U	0.42U	0.87U	4.5U	0.14U	1.2U	4.3U				0.6U
BIS(2-CHLOROISOPROPYL)ETHER																							0.6U
BIS(2-ETHYLHEXYL)PHTHALATE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
BUTYL BENZYL PHTHALATE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
CARBAZOLE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	
CHRYSENE	**2.7**	**1.5**	0.33U	1.3U			**31**	1U	**1.8**	1.7U	**2.5**	0.077U	0.07U	0.21U	**0.64**	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	**1.5**
DIBENZ(A,H)ANTHRACENE	0.18U	0.19U					12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	**0.32J**
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)			0.33U	1.3U				1U		1.7U													
DIBENZOFURAN	0.18U	0.19U					**39J**		1.1U		**22**	0.077U	0.07U	**0.53**	**6.4**	**7.3J**	0.072U	0.6U	**18J**				**0.62**
DIETHYL PHTHALATE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
DIMETHYL PHTHALATE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
DI-N-BUTYL PHTHALATE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
DI-N-OCTYL PHTHALATE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
FLOURENE																							
FLUORANTHENE	**4.2**	**2.9**	0.33U	1.3U			**84**	1U	**4**	1.7U	**4.5**	0.077U	0.07U	**0.38**	**1.4**	**3.5**	0.072U	0.6U	**3.7**	6U	5.6U	5.2U	**5.1**
FLUORENE	**1.9**	**3.6**	0.33U	1.3U			**240**	1U	**3.1**	1.7U	**68**	0.077U	0.07U	**2.6**	**21**	**33**	0.072U	**1.9**	**58**	6U	5.6U	5.2U	**1**
HEXACHLOROBENZENE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
HEXACHLOROBUTADIENE							24U		2.2U		4.5U	0.15U	0.14U	0.42U	0.87U	4.5U	0.14U	1.2U	4.3U				0.6U
HEXACHLOROCYCLOPENTADIENE							60U		5.6U		11U	0.38U	0.35U	1.1U	2.2U	11U	0.36U	3U	11U				0.6U
HEXACHLOROETHANE							24U		2.2U		4.5U	0.15U	0.14U	0.42U	0.87U	4.5U	0.14U	1.2U	4.3U				0.6U
INDENO(1,2,3-CD)PYRENE	**0.44**	**0.43**					12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U	6U	5.6U	5.2U	**0.64**
ISOPHORONE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
NITROBENZENE							12U		1.1U		2.2U	0.077U	0.07U	0.21U	0.44U	2.2U	0.072U	0.6U	2.1U				0.6U
N-NITROSODIMETHYLAMINE																							
N-NITROSODI-N-PROPYLAMINE							24U		2.2U		4.5U	0.15U	0.14U	0.42U	0.87U	4.5U	0.14U	1.2U	4.3U				0.6U
N-NITROSODIPHENYLAMINE							**1400Y**		1.1U		**260Y**	0.077U	0.07U	0.21U	**71Y**	**78Y**	0.072U	0.6U	**210Y**				0.6U
PHENANTHRENE	**1.6**	**4.3**	0.33U	1.3U			**510**	1U	**6.2**	1.7U	**170**	**0.091**	0.07U	**4.3**	**50**	**89**	0.072U	**4.5**	**140**	6U	5.6U	5.2U	**6.6**
PHENOL							24U		2.2U		4.5U	0.15U	0.14U	0.42U	0.87U	4.5U	0.14U	1.2U	4.3U				0.6U
PYRENE	**13**	**8.5**	0.33U	1.3U			**150**	1U	**7.4**	**4.6**	**18**	**0.2**	0.07U	**1.2**	**5.2**	**14**	0.072U	0.6U	**13**	6U	5.6U	5.2U	**3.7**
PYRIDINE																							

Appendix D - Subsurface Soil Data
Semi-Volatile Organic Compound

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
E	Analyte concentration exceeded calibration range; estimated amount
J	Estimated amount
U	Analyte analyzed for but not detected; reported with detection limit value
Y	Indicates a raised detection limit due to matrix interference

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	A1-1	A1-1	A1-2	A1-2	A1-3	A1-3	A2-1	A2-1	A3	A3-1	A3-1	A3-1	A3-2	A3-2	A3-3	A3-3	A50	A50	A50	A50	B-1	B-1	B1-1	B1-1	B-2	B-2	B-2	B-2	B-2	B-3	B-3	B-3
SAMPLE	A1-1	A1-1	A1-2	A1-2	A1-3	A1-3	A2-1	A2-1	A3C	A3-1	A3-1	A3-1 DUP	A3-2	A3-2	A3-3	A3-3	11651	11652	11653	11654	B-1(19-21')	B-1(23-24')	B1-1	B1-1	B-2(4-6')	B-2(9-11')	B-2(14-16')	B-2(19-21')	B-2(24-26')	B-3(4-6')	B-3 (9-11')	B-3(14-16')
DEPTH (FT)	4-6	7.7-9.5	4-6	7-9	4-6	7-9	4-6	8-10	7.5-10	4-6	8-10	8-10	4-6	8-10	4-6	8-9.5	2-2	6-6	15-15	10-10	19-21	23-24	4-6	8-10	4-6	9-11	14-16	19-21	24-26	4-6	9-11	14-16
DATE	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	4/1/1996	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	9/27/1991	9/27/1991	9/27/1991	9/27/1991	1/27/1993	1/27/1994	6/1/2002	6/1/2002	1/27/1994	1/27/1993	1/27/1993	1/27/1993	1/27/1993	1/28/1993	1/28/1994	1/28/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE																																
1,1,1-TRICHLOROETHANE																																
1,1,2,2-TETRACHLOROETHANE																																
1,1,2-TRICHLOROETHANE																																
1,1-DICHLOROETHANE																																
1,1-DICHLOROETHENE																																
1,1-DICHLOROPROPENE																																
1,2,3-TRICHLOROPROPANE																																
1,2-DIBROMOETHANE																																
1,2-DICHLOROETHANE																																
1,2-DICHLOROPROPANE																																
1,3-DICHLOROPROPANE																																
2,2-DICHLOROPROPANE																																
2,4-DINITROPHENOL																																
2-BUTANONE																																
2-CHLOROETHYL VINYL ETHER																																
2-CHLOROTOLUENE																																
2-HEXANONE																																
4-CHLOROTOLUENE																																
4-METHYL-2-PENTANONE																																
ACETONE																																
BENZENE	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.1U	0.05U	**0.25D**	**0.25D**	0.05U	0.05U	0.05U	0.05U					0.002U	0.01U	0.05U	0.05U	0.01U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
BROMOBENZENE																																
BROMOCHLOROMETHANE																																
BROMODICHLOROMETHANE																																
BROMOFORM																																
BROMOMETHANE																																
CARBON DISULFIDE																																
CARBON TETRACHLORIDE																																
CHLOROBENZENE																																
CHLORODIBROMOMETHANE																																
CHLOROETHANE																																
CHLOROFORM																																
CHLOROMETHANE (METHYL CHLORIDE)																																
CIS-1,2-DICHLOROETHENE																																
CIS-1,3-DICHLOROPROPENE																																
DIBROMOCHLOROMETHANE																																
DIBROMOMETHANE																																
DICHLORODIFLUOROMETHANE																																
DICHLOROMETHANE (METHYLENE CHLORIDE)																																
ETHYLBENZENE	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	**0.033J**	0.1U	0.05U	**5.6**	**5.2**	0.05U	0.05U	0.05U	0.05U					0.002U	0.01U	0.05U	0.05U	0.01U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
M,P-XYLENES	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	**0.54**	0.5U	0.05U	**20D**	**20D**	0.05U	0.05U	0.05U	0.05U							0.05U	0.05U								
METHYL ETHYL KETONE																																
METHYL TERT-BUTYL ETHER	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.2U	0.1U	**0.5D**	**0.5D**	0.1U	0.1U	0.1U	0.1U							0.1U	0.1U								
METHYLENE CHLORIDE																																
M-XYLENE																																
NAPHTHALENE	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.1U	0.33U	5U	0.1U	**2D**	**10D**	0.1U	0.1U	0.1U	**1.5**	5.6U	5.6U	5.5U	5.5U	1.21U	1.21U	0.1U	0.1U				1.21U	1.21U			1.21U
O,P-XYLENES																																
O-XYLENE	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.1U	0.05U	**6.1**	**6.1**	0.05U	0.05U	0.05U	0.05U							0.05U	0.05U								
STYRENE																																
TETRACHLOROETHENE																																
TOLUENE	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.1U	0.05U	**0.25D**	**0.25D**	0.05U	0.05U	0.05U	0.05U					0.002U	0.01U	0.05U	0.05U	0.01U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
TOTAL 1,2-DICHLOROETHENE																																
TOTAL XYLENES	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	0.05U	**0.054**		0.05U	**20D**		0.05U	0.05U	0.05U						**0.004**	**0.019**	0.05U	0.05U	0.01U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
TRANS-1,2-DICHLOROETHENE																																
TRANS-1,2-DICHLOROPROPENE																																
TRANS-1,3-DICHLOROPROPENE																																
TRICHLOROETHENE																																
TRICHLOROFLUOROMETHANE																																
VINYL ACETATE																																
VINYL CHLORIDE																																
XYLENE									0.6U			**20D**				0.05U																

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	B-3	B-3	B3-1	B3-1	B3-2	B3-2	B3-3	B3-3	B3-3	B-4	B-4	BSEB1.1	BSEB1.2	BSEW1.0	BSEW1.1	C100	C100	C100	C100	C1-1	C1-1	C2-1	C2-1	C2-1	C2-2	C2-2	C3-1	C3-1	C3-1	C3-2	C3-2	C3-2	C3-2
SAMPLE	B-3(19-21')	B-3(21-23')	B3-1	B3-1	B3-2	B3-2	B3-3	B3-3	B3-3 DUP	B-4(18-20')	B-4(20-22')	BSEB1.1	BSEB1.2	BSEW1.0	BSEW1.1	11661	11662	11663	11664	C1-1	C1-1	C2-1	C2-1	C2-1	C2-2	C2-2	C3-1	C3-1	C3-1 DUP	C3-2 DUP	C3-2 DUP	C3-2	C3-2
DEPTH (FT)	19-21	21-23	4-6	8-10	4-6	8-10	4-6	8-10	8-10	18-20	20-22	7-7	20-20	4-4	4-4	6-6	10-10	2-2	15-15	4-6	9-11	2.5-4	4-6	8-10	4-6	8-10	4-6	8-9.5	8-9.5	4-6	8-10	4-6	8-10
DATE	1/28/1993	1/28/1993	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/2/2002	1/28/1993	1/28/1993	6/7/1993	6/7/1993	6/5/1993	6/5/1993	9/27/1991	9/27/1991	9/27/1991	9/27/1991	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE																																	
1,1,1-TRICHLOROETHANE																																	
1,1,2,2-TETRACHLOROETHANE																																	
1,1,2-TRICHLOROETHANE																																	
1,1-DICHLOROETHANE																																	
1,1-DICHLOROETHENE																																	
1,1-DICHLOROPROPENE																																	
1,2,3-TRICHLOROPROPANE																																	
1,2-DIBROMOETHANE																																	
1,2-DICHLOROETHANE																																	
1,2-DICHLOROPROPANE																																	
1,3-DICHLOROPROPANE																																	
2,2-DICHLOROPROPANE																																	
2,4-DINITROPHENOL																																	
2-BUTANONE																																	
2-CHLOROETHYL VINYL ETHER																																	
2-CHLOROTOLUENE																																	
2-HEXANONE																																	
4-CHLOROTOLUENE																																	
4-METHYL-2-PENTANONE																																	
ACETONE																																	
BENZENE	0.002U	0.002U	0.05U	0.1U	0.05U	0.25U	0.05U	0.05U	0.05U	0.01U	0.01U	0.2U	**0.0088**	0.002U	**0.049**					0.05U	0.05U	0.5U	0.5U	0.05U	0.05U	0.1U	0.05U	0.1U	0.1U	0.05U	0.05U	0.05U	0.05U
BROMOBENZENE																																	
BROMOCHLOROMETHANE																																	
BROMODICHLOROMETHANE																																	
BROMOFORM																																	
BROMOMETHANE																																	
CARBON DISULFIDE																																	
CARBON TETRACHLORIDE																																	
CHLOROBENZENE																																	
CHLORODIBROMOMETHANE																																	
CHLOROETHANE																																	
CHLOROFORM																																	
CHLOROMETHANE (METHYL CHLORIDE)																																	
CIS-1,2-DICHLOROETHENE																																	
CIS-1,3-DICHLOROPROPENE																																	
DIBROMOCHLOROMETHANE																																	
DIBROMOMETHANE																																	
DICHLORODIFLUOROMETHANE																																	
DICHLOROMETHANE (METHYLENE CHLORIDE)																																	
ETHYLBENZENE	0.002U	0.002U	0.05U	0.1U	0.05U	**0.48**	0.05U	0.05U	0.05U	**0.017**	0.01U	**0.67**	**0.0372**	0.002U	**0.482**					0.05U	0.05U	**0.73**	**0.42J**	**0.16**	0.05U	**0.31**	0.05U	**0.12**	**0.12**	0.05U	**0.057**	0.05U	**0.063**
M,P-XYLENES			0.05U	**0.16**	0.05U	**1.2**	0.05U	0.05U	0.05U											0.05U	0.05U	**2.6**	**1.6**	**0.74**	0.05U	**1.7**	0.05U	**0.36**	**0.36**	0.05U	**0.22**	0.05U	**0.24**
METHYL ETHYL KETONE																																	
METHYL TERT-BUTYL ETHER			0.1U	0.2U	0.1U	0.5U	0.1U	0.1U	0.1U											0.1U	0.1U	1U	1U	0.1U	0.1U	0.2U	0.1U	0.2U	0.2U	0.1U	0.1U	0.1U	0.1U
METHYLENE CHLORIDE																																	
M-XYLENE																																	
NAPHTHALENE	1.21U	1.21U	0.1U	2U	0.1U	**4.4***	0.1U	**0.61**	0.67U	1.21U	1.21U					5.3U	5.3U	5.9U	6.2U	0.1U	0.33U	**4.8***	**2.5**	**0.81**	0.1U	**2.3***	0.67U	**4***	**4.4***	0.67U	**0.84**	0.33U	**0.8**
O,P-XYLENES																																	
O-XYLENE			0.05U	0.1U	0.05U	**0.38**	0.05U	0.05U	0.05U											0.05U	0.05U	**1.3**	**0.82**	**0.07**	0.05U	**0.42**	0.05U	**0.16**	**0.17**	0.05U	**0.099**	0.05U	**0.11**
STYRENE																																	
TETRACHLOROETHENE																																	
TOLUENE	**0.0021**	0.002U	0.05U	0.1U	0.05U	0.25U	0.05U	0.05U	0.05U	0.01U	0.01U	**0.58**	**0.0668**	0.002U	**0.097**					0.05U	0.05U	0.5U	0.5U	0.05U	0.05U	**0.18**	0.05U	0.1U	0.1U	0.05U	0.05U	0.05U	0.05U
TOTAL 1,2-DICHLOROETHENE																																	
TOTAL XYLENES	**0.0038**	0.002U	0.05U	**0.16**	0.05U	**1.6**	0.05U	0.05U	0.05U	**0.017**	**0.013**	**8.38**	**0.256**	0.006U	**0.987**					0.05U	0.05U	**3.9**	**2.4**	**0.81**	0.05U	**2.1**	0.05U	**0.52**		0.05U	**0.32**	0.05U	**0.35**
TRANS-1,2-DICHLOROETHENE																																	
TRANS-1,2-DICHLOROPROPENE																																	
TRANS-1,3-DICHLOROPROPENE																																	
TRICHLOROETHENE																																	
TRICHLOROFLUOROMETHANE																																	
VINYL ACETATE																																	
VINYL CHLORIDE																																	
XYLENE																													**0.54**				

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	C40	C40	C40	C40	CC25	CLCW-1	D15	E13	E20	E20	E20	EH-1	EH-1-H120	EH-1-H240	EH-1-H320	EH-1-H425	EH-2	EH-2A	EH-2-H110	EH-3	EH-4	G(-20)	G(-20)	G(-20)	G(-20)	GWY-10	GWY-11	GWY-12	GWY-12	GWY-13	GWY-13
SAMPLE	A11666	A11667	A11668	A11669	12278	CLCW-1	D15C	E13C	11646	11647	11649	92-4155	TB1H120	TB1H240	TB1H320	TB1H425	94-17098	94-17099	TB2H110B	92-4157	92-4156	A12238	A12241	A12242	A12243	MW-10	MW-11	MW-12	MW-12	MW-13	MW-13
DEPTH (FT)	15-15	10-10	6-6	2-2	25-25	24.5-26.5	2.5-7	9-9.4	6-6	10-10	2-2	2.5-4.5	2-2	2-2	4.5-4.5	3-3	6-13	10.5-13.5	11.5-11.5	12.5-14.5	17.5-19.5	6-6	2-2	20-20	15-15	23-23	20-20	16-16	20-20	16-16	20-20
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	8/6/1993	4/1/1996	4/1/1996	9/27/1991	9/27/1991	9/27/1991	1/20/1992	6/30/1992	6/30/1992	6/30/1992	6/30/1992	4/22/1994	4/22/1994	6/29/1992	1/20/1992	1/20/1992	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/25/1985	9/25/1985	9/25/1985	9/25/1985	9/25/1985	9/25/1985
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE																	0.2U	0.2U													
1,1,1-TRICHLOROETHANE																	0.2U	0.2U	0.002U												
1,1,2,2-TETRACHLOROETHANE																	0.2U	0.2U	0.005U												
1,1,2-TRICHLOROETHANE																	0.2U	0.2U	0.002U												
1,1-DICHLOROETHANE																	0.2U	0.2U	0.002U												
1,1-DICHLOROETHENE																	0.2U	0.2U	0.002U												
1,1-DICHLOROPROPENE																	0.2U	0.2U													
1,2,3-TRICHLOROPROPANE																	0.2U	0.2U													
1,2-DIBROMOETHANE																	0.2U	0.2U													
1,2-DICHLOROETHANE																	0.2U	0.2U	0.002U												
1,2-DICHLOROPROPANE																	0.2U	0.2U	0.002U												
1,3-DICHLOROPROPANE																	0.2U	0.2U													
2,2-DICHLOROPROPANE																	0.2U	0.2U													
2,4-DINITROPHENOL												1.6U								1.6U	1.6U										
2-BUTANONE																			0.005U												
2-CHLOROETHYL VINYL ETHER																	0.2U	0.2U													
2-CHLOROTOLUENE																	0.2U	0.2U													
2-HEXANONE																			0.005U												
4-CHLOROTOLUENE																	0.2U	0.2U													
4-METHYL-2-PENTANONE																			0.005U												
ACETONE																			0.005U												
BENZENE						4U							**0.0025**	**0.00076**	**0.00012**	**0.00021**	0.2U	0.2U	0.002U												
BROMOBENZENE																	0.2U	0.2U													
BROMOCHLOROMETHANE																	0.2U	0.2U													
BROMODICHLOROMETHANE																	0.2U	0.2U	0.002U												
BROMOFORM																	0.2U	0.2U	0.002U												
BROMOMETHANE																	0.2U	0.2U	0.002U												
CARBON DISULFIDE																			0.002U												
CARBON TETRACHLORIDE																	0.2U	0.2U	0.002U												
CHLOROBENZENE																	0.2U	0.2U	0.005U												
CHLORODIBROMOMETHANE																															
CHLOROETHANE																	0.2U	0.2U	0.005U												
CHLOROFORM																	0.2U	0.2U	0.002U												
CHLOROMETHANE (METHYL CHLORIDE)																	0.2U	0.2U	0.002U												
CIS-1,2-DICHLOROETHENE																	0.2U	0.2U	0.002U												
CIS-1,3-DICHLOROPROPENE																	0.2U	0.2U	0.005U												
DIBROMOCHLOROMETHANE																	0.2U	0.2U	0.005U												
DIBROMOMETHANE																	0.2U	0.2U													
DICHLORODIFLUOROMETHANE																	0.2U	0.2U													
DICHLOROMETHANE (METHYLENE CHLORIDE)																															
ETHYLBENZENE						4U							**0.005**	**0.0038**	**0.00036**	**0.0015**	0.2U	0.2U	0.002U												
M,P-XYLENES																	0.2U	0.2U													
METHYL ETHYL KETONE																	4U	0.2U													
METHYL TERT-BUTYL ETHER																															
METHYLENE CHLORIDE																	0.2U	0.2U	**0.007**												
M-XYLENE																															
NAPHTHALENE	5.4U	5.3U	5.2U	5.6U	**1.9J**		0.33U	0.17U	27U	27U	5.3U	0.67U								0.33U	0.33U	5.2U	5.7U	**29**	5.3U	0.5U	0.5U	1U	0.5U	0.5U	0.5U
O,P-XYLENES																															
O-XYLENE																	0.2U	0.2U													
STYRENE																	0.2U	0.2U	0.002U												
TETRACHLOROETHENE																	0.2U	0.2U	0.002U												
TOLUENE						4U							**0.0082**	**0.0062**	**0.00054**	**0.0017**	0.2U	0.2U	0.002U												
TOTAL 1,2-DICHLOROETHENE																			0.002U												
TOTAL XYLENES						4U							**0.035**	**0.012**	**0.00074**	**0.01**			0.002U												
TRANS-1,2-DICHLOROETHENE																	0.2U	0.2U	0.002U												
TRANS-1,2-DICHLOROPROPENE																	0.2U	0.2U													
TRANS-1,3-DICHLOROPROPENE																			0.005U												
TRICHLOROETHENE																	0.2U	0.2U	0.002U												
TRICHLOROFLUOROMETHANE																	0.2U	0.2U													
VINYL ACETATE																			0.002U												
VINYL CHLORIDE																	0.2U	0.2U	0.002U												
XYLENE																															

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	GWY-14	GWY-15	GWY-15	GWY-16	GWY-16	GWY-17	GWY-17	GWY-17	GWY-7	GWY-8	GWY-9	H10	H6	H8	I(-20)	I(-20)	I20	I20	I20	I20	I20	I20	I5	J15	J6	J75	J75	J75	J75	J8	K20	K20	K20
SAMPLE	MW-14	1070	1071	1072	1073	1075	1074	1075	MW-7	MW-8	MW-9	H10C	H6C	H8C	12271	A12353	11634	11635	11636	11637	11638	11643	I5B	J15C	J6C	A11670	A11671	A11672	A11673	J8B	11640	11641	11642
DEPTH (FT)	21-21	5-5	15-15	5-5	18-18	12-12	5-5	12-12	20-20	23-23	20-20	7-10	5.5-6	2-5.6	10-10	20-20	15-15	2-2	7-7	10-10	20-20	25-25	2-3.5	7-8	6.5-7	2-2	6-6	10-10	15-15	8.5-9	15-15	10-10	6-6
DATE	9/25/1985	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	2/7/1986	9/25/1985	9/25/1985	9/25/1985	4/1/1996	4/1/1996	4/1/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/1/1996	4/3/1996	4/1/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/3/1996	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE																																	
1,1,1-TRICHLOROETHANE		0.01U	0.02U	0.02U	**0.047**		0.01U	0.01U																									
1,1,2,2-TETRACHLOROETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
1,1,2-TRICHLOROETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
1,1-DICHLOROETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
1,1-DICHLOROETHENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
1,1-DICHLOROPROPENE																																	
1,2,3-TRICHLOROPROPANE																																	
1,2-DIBROMOETHANE																																	
1,2-DICHLOROETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
1,2-DICHLOROPROPANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
1,3-DICHLOROPROPANE																																	
2,2-DICHLOROPROPANE																																	
2,4-DINITROPHENOL																																	
2-BUTANONE		0.1U	0.2U	0.2U	0.2U		0.1U	0.1U																									
2-CHLOROETHYL VINYL ETHER		0.05U	0.09U	0.09U	0.08U		0.05U	0.05U																									
2-CHLOROTOLUENE																																	
2-HEXANONE		0.05U	0.09U	0.09U	0.08U		0.05U	0.05U																									
4-CHLOROTOLUENE																																	
4-METHYL-2-PENTANONE		0.05U	0.09U	0.09U	0.08U		0.05U	0.05U																									
ACETONE		0.2U	0.4U	0.4U	0.3U		0.2U	0.2U																									
BENZENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
BROMOBENZENE																																	
BROMOCHLOROMETHANE																																	
BROMODICHLOROMETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
BROMOFORM		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
BROMOMETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CARBON DISULFIDE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CARBON TETRACHLORIDE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CHLOROBENZENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CHLORODIBROMOMETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CHLOROETHANE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CHLOROFORM		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CHLOROMETHANE (METHYL CHLORIDE)		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
CIS-1,2-DICHLOROETHENE																																	
CIS-1,3-DICHLOROPROPENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
DIBROMOCHLOROMETHANE																																	
DIBROMOMETHANE																																	
DICHLORODIFLUOROMETHANE																																	
DICHLOROMETHANE (METHYLENE CHLORIDE)																																	
ETHYLBENZENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
M,P-XYLENES																																	
METHYL ETHYL KETONE																																	
METHYL TERT-BUTYL ETHER																																	
METHYLENE CHLORIDE		0.05U	0.09U	**0.18**	0.08U		0.05U	**0.23**																									
M-XYLENE		0.01U	**0.09**	0.02U	0.02U		0.01U	0.01U																									
NAPHTHALENE	0.5U	0.09U	0.1U	0.1U	0.09U	0.1U	0.1U		0.5U	0.5U	0.5U	**0.77**	0.17U	0.33U	5.4U	5.3U	27U	5.2U	5.3U	28U	**37**	**46J**	0.17U	0.5U	0.17U	6U	5.3U	5.5U	5.3U	3.3U	**23J**	**19J**	56.18U
O,P-XYLENES		0.01U	**0.042**	0.02U	0.02U		0.01U	0.01U																									
O-XYLENE																																	
STYRENE		0.03U	0.05U	0.05U	0.04U		0.03U	0.03U																									
TETRACHLOROETHENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
TOLUENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
TOTAL 1,2-DICHLOROETHENE																																	
TOTAL XYLENES																																	
TRANS-1,2-DICHLOROETHENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
TRANS-1,2-DICHLOROPROPENE																																	
TRANS-1,3-DICHLOROPROPENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
TRICHLOROETHENE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
TRICHLOROFLUOROMETHANE																																	
VINYL ACETATE		0.05U	0.09U	0.09U	0.08U		0.05U	0.05U																									
VINYL CHLORIDE		0.01U	0.02U	0.02U	0.02U		0.01U	0.01U																									
XYLENE																																	

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	K20	K5	K7	K9	L(-20)	L(-20)	L2	L4	L50	L50	L50	L6	L8	M20	M20	M3	M5	M5	M5	M7	M9	N10	N2	N6	N8	O11	O5	O7	O9	P8	PT1	PT16	PT2
SAMPLE	B11547	K5BC	K7B	K9C	A11732	A12237	L2C	L4B	A11678	A11679	A11681	L6B	L8B	11676	A11675	M3A	M5C	M5B	M5B	M7B	M9BC	N10C	N2C	N6B	N8B	O11B	O5B	O7B	O9B	P8C	PT1	PT-16	PT-2
DEPTH (FT)	2-2	0.9-7.9	8.5-9	11.5-12.5	6-6	15-15	10.5-11	1.5-3.2	6-6	2-2	15-15	7.5-8	14.5-15	15-15	6-6	5-8	9-9	3-4	3-4	4-5	10-12	13.5-14	11.5-12.2	1.5-3.5	3-5	4-6	8-8.5	2-3	2-3	10-11	3-3	16-16	3-3
DATE	9/27/1991	4/12/1996	4/1/1996	4/5/1996	9/27/1991	9/27/1991	4/3/1996	4/2/1996	9/27/1991	9/27/1991	9/27/1991	4/2/1996	4/3/1996	9/27/1991	9/27/1991	4/1/1996	4/1/1996	4/1/1996	4/1/1996	4/3/1996	4/1/1996	4/1/1996	4/3/1996	4/2/1996	4/5/1996	4/4/1996	4/1/1996	4/5/1996	4/4/1996	4/4/1996	1/30/1993	2/1/1993	1/30/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE																																	
1,1,1-TRICHLOROETHANE																																	
1,1,2,2-TETRACHLOROETHANE																																	
1,1,2-TRICHLOROETHANE																																	
1,1-DICHLOROETHANE																																	
1,1-DICHLOROETHENE																																	
1,1-DICHLOROPROPENE																																	
1,2,3-TRICHLOROPROPANE																																	
1,2-DIBROMOETHANE																																	
1,2-DICHLOROETHANE																																	
1,2-DICHLOROPROPANE																																	
1,3-DICHLOROPROPANE																																	
2,2-DICHLOROPROPANE																																	
2,4-DINITROPHENOL																																	
2-BUTANONE																																	
2-CHLOROETHYL VINYL ETHER																																	
2-CHLOROTOLUENE																																	
2-HEXANONE																																	
4-CHLOROTOLUENE																																	
4-METHYL-2-PENTANONE																																	
ACETONE																																	
BENZENE			0.5U									0.5U	0.5U				0.2U	0.1U				0.5U			0.1U		1U				**12**	2U	**3.8**
BROMOBENZENE																																	
BROMOCHLOROMETHANE																																	
BROMODICHLOROMETHANE																																	
BROMOFORM																																	
BROMOMETHANE																																	
CARBON DISULFIDE																																	
CARBON TETRACHLORIDE																																	
CHLOROBENZENE																																	
CHLORODIBROMOMETHANE																																	
CHLOROETHANE																																	
CHLOROFORM																																	
CHLOROMETHANE (METHYL CHLORIDE)																																	
CIS-1,2-DICHLOROETHENE																																	
CIS-1,3-DICHLOROPROPENE																																	
DIBROMOCHLOROMETHANE																																	
DIBROMOMETHANE																																	
DICHLORODIFLUOROMETHANE																																	
DICHLOROMETHANE (METHYLENE CHLORIDE)																																	
ETHYLBENZENE			1U									1U	2U				1U	0.5U				2U			0.2U		10U				**83**	**6.5**	**14**
M,P-XYLENES			**8.6**									5U	5U				4U	2U				**13**			0.5U		**35**						
METHYL ETHYL KETONE																																	
METHYL TERT-BUTYL ETHER			1U									1U	1U				0.4U	0.2U				1U			0.2U		2U						
METHYLENE CHLORIDE																																	
M-XYLENE																																	
NAPHTHALENE	5.2U	**1**	50U	0.83U	5.5U	**4.4J**	2.5U	**1.5**	5.3U	5.4U	5.3U	50U	**4.1**	10.53U	5.3U	**1.4**	15U		**0.41J**	**134**		15U	5U	0.33U	3U	2.5U	**6.2**	0.5U	0.17U	0.17U			
O,P-XYLENES																																	
O-XYLENE			2U									2U	1U				2U	1U				2U			0.2U		10U						
STYRENE																																	
TETRACHLOROETHENE																																	
TOLUENE			0.5U									0.5U	0.5U				0.2U	0.2U				1U			0.1U		1U				**270**	**5.6**	**42**
TOTAL 1,2-DICHLOROETHENE																																	
TOTAL XYLENES																															**600**	**41**	**85**
TRANS-1,2-DICHLOROETHENE																																	
TRANS-1,2-DICHLOROPROPENE																																	
TRANS-1,3-DICHLOROPROPENE																																	
TRICHLOROETHENE																																	
TRICHLOROFLUOROMETHANE																																	
VINYL ACETATE																																	
VINYL CHLORIDE																																	
XYLENE			**10.6**															3U			**56**	**15**					**45**						

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	PT3	PTB1	PTB2	PW-1	PW-2C	PW-2D	PW-3	Q25	Q25	Q25	Q25	Q5	RR-SO-1	RR-SO-2	RR-SO-3	S-12		S-13	S-14	S-17	S-18	S-19	S-20	S-22	S-23	S-24	S-25	S-3	S-4	S-5	S-6
SAMPLE	PT-3	PTB1	PTB2	PW-1-20	PW2-C21	PW2-D22	PW3-15	A11683	A11686	A11710	A11711	Q5B	HC-304	HC-306	HC-305	S-12	S-13	S-13A	S-14	S-17	S-18	S-19	S-20	S-22	S-23	S-24	S-25	S-3	S-4	S-5	S-6
DEPTH (FT)	3-3	3-3	3-3	5-5	5-5	5-5	5-5	2-2	9-9	20-20	15-15	2-7	12.5-15.5	8.5-10	10.5-13.5	8-8	8-8	9-9	6.5-6.5	8-8	8-8	20-22	2-2	8-8	20-20	3-3	3-3	7-7	7-7	13-13	5-6
DATE	1/30/1993	2/2/1993	2/2/1993	3/22/1993	3/23/1993	3/23/1993	3/23/1993	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/2/1996	2/25/1986	2/25/1986	2/25/1986	12/15/1992	12/15/1992	12/23/1992	12/17/1992	1/26/1993	1/26/1993	1/26/1993	2/2/1993	2/8/1993	2/8/1993	2/10/1993	2/10/1993	11/16/1992	12/3/1992	12/4/1992	12/4/1992
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE																															
1,1,1-TRICHLOROETHANE																															
1,1,2,2-TETRACHLOROETHANE																															
1,1,2-TRICHLOROETHANE																															
1,1-DICHLOROETHANE																															
1,1-DICHLOROETHENE																															
1,1-DICHLOROPROPENE																															
1,2,3-TRICHLOROPROPANE																															
1,2-DIBROMOETHANE																															
1,2-DICHLOROETHANE																															
1,2-DICHLOROPROPANE																															
1,3-DICHLOROPROPANE																															
2,2-DICHLOROPROPANE																															
2,4-DINITROPHENOL																															
2-BUTANONE													1.25U	1.25U	**10.33**																
2-CHLOROETHYL VINYL ETHER																															
2-CHLOROTOLUENE																															
2-HEXANONE													**0.97JB**	1.25U	1.25U																
4-CHLOROTOLUENE																															
4-METHYL-2-PENTANONE																															
ACETONE													16.64UB	5.24UB	16.06UB																
BENZENE	0.01U	0.002U	0.2U	0.0012U	0.001U	0.01U	0.013U						**0.103J**	**0.088J**	**0.104J**	0.002U	0.002U	0.01U	0.002U	0.002U	0.002U	1U		0.002U	0.01U	0.01U	0.01U	0.002U	0.002U	0.002U	0.002U
BROMOBENZENE																															
BROMOCHLOROMETHANE																															
BROMODICHLOROMETHANE																															
BROMOFORM																															
BROMOMETHANE																															
CARBON DISULFIDE													0.625U	0.625U	**0.072JB**																
CARBON TETRACHLORIDE																															
CHLOROBENZENE																															
CHLORODIBROMOMETHANE																															
CHLOROETHANE																															
CHLOROFORM																															
CHLOROMETHANE (METHYL CHLORIDE)																															
CIS-1,2-DICHLOROETHENE																															
CIS-1,3-DICHLOROPROPENE																															
DIBROMOCHLOROMETHANE																															
DIBROMOMETHANE																															
DICHLORODIFLUOROMETHANE																															
DICHLOROMETHANE (METHYLENE CHLORIDE)																															
ETHYLBENZENE	0.01U	**0.0036**	**1.4**	**0.0035D**	0.001U	**0.03D**	**0.052D**									0.002U	0.002U	0.01U	0.002U	0.002U	0.002U	**1.6**		0.002U	**0.035**	0.01U	0.01U	0.002U	0.002U	0.002U	0.002U
M,P-XYLENES																															
METHYL ETHYL KETONE																															
METHYL TERT-BUTYL ETHER																															
METHYLENE CHLORIDE													3.16UB	4.01UB	3UB																
M-XYLENE																															
NAPHTHALENE								5.2U	5.3U	**260E**	5.4U	**4.3**				1.21U	1.21U	1.21U	1.21U	1.21U	1.21U	6.03U	9U	1.21U	1.21U	1.21U	12.1U	30.1U	60.3U	1.21U	1.21U
O,P-XYLENES																															
O-XYLENE																															
STYRENE																															
TETRACHLOROETHENE																															
TOLUENE	0.01U	0.002U	**3**	**0.0031D**	0.001U	**0.03D**	**0.055D**						0.85UB	0.75UB	0.77UB	0.002U	0.002U	0.01U	0.002U	0.002U	0.002U	1U		0.002U	0.01U	0.01U	0.01U	0.002U	0.002U	0.002U	0.002U
TOTAL 1,2-DICHLOROETHENE																															
TOTAL XYLENES	0.01U	**0.015**	**11**										**3.2J**	**0.3J**	0.625UJ	0.002U	**0.0031**	0.01U	**0.0031**	0.002U	0.002U	**18**		0.002U	**0.27**	0.01U	0.01U	0.002U	0.002U	0.002U	0.002U
TRANS-1,2-DICHLOROETHENE																															
TRANS-1,2-DICHLOROPROPENE																															
TRANS-1,3-DICHLOROPROPENE																															
TRICHLOROETHENE																															
TRICHLOROFLUOROMETHANE																															
VINYL ACETATE																															
VINYL CHLORIDE																															
XYLENE				**0.017D**	0.0016U	**0.13D**	**0.25D**																								

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	SS-1A-99	SS-1B-99	SS-1C-99	SW-11	SW-12	SW-9	TP1-02	TP1-02	TP1-02	TP-1-94	TP2-02	TP2-02	TP2-02	TP-2-94	TP3-02	TP3-02	TP3-02	TP3-02	TP-3-94	TP-3-94	TP-4-94	TP-4-94	TP-5-94	TP-6-94	TP-7-94	TP-7-94
SAMPLE	AE44A	AE44B	AE44C	SW11-20	SW12-20	TB1H495B	MCW-SS-1-2	MCW-SS-1-3	MCW-SS-1-4	BNTP-1-20'	MCW-SS-2-2	MCW-SS-2-3	MCW-SS-2-4	BNTP-2-10'	MCW-SS-3-2	MCW-SS-3-3	MCW-SS-3-4	MCW-SS-3-5 DUP	BNTP-3-20'	BNTP-3-6'	BNTP-4-10'	BNTP-4-20'	BNTP-5-20'	BNTP-6-20'	BNTP-7-10'	BNTP-7-20'
DEPTH (FT)	6-6	6-6	6-6	20-20	20-20	20-20	4-6	8-10	17-19	20-20	4-6	8-10	18-19	10-10	4-6	8-10	18-19	4-6	20-20	6-6	10-10	20-20	20-20	20-20	10-10	20-20
DATE	4/17/1999	4/17/1999	4/17/1999	7/2/1992	7/2/1992	7/1/1992	4/23/2002	4/23/2002	4/23/2002	10/26/1994	4/23/2002	4/23/2002	4/23/2002	10/25/1994	4/23/2002	4/23/2002	4/23/2002	4/23/2002	10/25/1994	10/25/1994	10/26/1994	10/26/1994	10/26/1994	10/26/1994	10/25/1994	10/25/1994
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE																										
1,1,1-TRICHLOROETHANE																										
1,1,2,2-TETRACHLOROETHANE																										
1,1,2-TRICHLOROETHANE																										
1,1-DICHLOROETHANE																										
1,1-DICHLOROETHENE																										
1,1-DICHLOROPROPENE																										
1,2,3-TRICHLOROPROPANE																										
1,2-DIBROMOETHANE																										
1,2-DICHLOROETHANE																										
1,2-DICHLOROPROPANE																										
1,3-DICHLOROPROPANE																										
2,2-DICHLOROPROPANE																										
2,4-DINITROPHENOL																										
2-BUTANONE																										
2-CHLOROETHYL VINYL ETHER																										
2-CHLOROTOLUENE																										
2-HEXANONE																										
4-CHLOROTOLUENE																										
4-METHYL-2-PENTANONE																										
ACETONE																										
BENZENE				0.0001U	0.0001U	0.0001U	0.05U	0.05U	0.25U		0.05U	0.05U	0.05U		0.05U	0.05U	2U	0.05U								
BROMOBENZENE																										
BROMOCHLOROMETHANE																										
BROMODICHLOROMETHANE																										
BROMOFORM																										
BROMOMETHANE																										
CARBON DISULFIDE																										
CARBON TETRACHLORIDE																										
CHLOROBENZENE																										
CHLORODIBROMOMETHANE																										
CHLOROETHANE																										
CHLOROFORM																										
CHLOROMETHANE (METHYL CHLORIDE)																										
CIS-1,2-DICHLOROETHENE																										
CIS-1,3-DICHLOROPROPENE																										
DIBROMOCHLOROMETHANE																										
DIBROMOMETHANE																										
DICHLORODIFLUOROMETHANE																										
DICHLOROMETHANE (METHYLENE CHLORIDE)																										
ETHYLBENZENE				0.0001U	0.0001U	0.0001U	0.05U	0.05U	1U		0.05U	0.05U	1U		0.05U	0.05U	2.5U	0.05U								
M,P-XYLENES							0.05U	0.05U	5U		0.05U	0.05U	1U		0.05U	0.05U	10U	0.05U								
METHYL ETHYL KETONE																										
METHYL TERT-BUTYL ETHER							0.1U	0.1U	0.5U		0.1U	0.1U	1U		0.1U	0.1U	4U	0.1U								
METHYLENE CHLORIDE																										
M-XYLENE																										
NAPHTHALENE	0.071U	0.18U	0.19U				0.33U	0.1U	5U	**60J**	0.1U	0.1U	1U	1.1U	0.1U	0.1U	10U	0.1U	**34**	0.077U	0.07U	**0.33**	**4.2**	2.2U	0.072U	**1.1**
O,P-XYLENES																										
O-XYLENE							0.05U	0.05U	**1.1**		0.05U	0.05U	**1.4**		0.05U	0.05U	5U	0.05U								
STYRENE																										
TETRACHLOROETHENE																										
TOLUENE				0.0001U	0.0001U	0.0001U	0.05U	0.05U	0.25U		0.05U	0.05U	0.05U		0.05U	0.05U	2U	0.05U								
TOTAL 1,2-DICHLOROETHENE																										
TOTAL XYLENES				0.00015U	0.00015U	0.00015U	0.05U	0.05U	**1.1**		0.05U	0.05U	**1.4**		0.05U	0.05U	10U	0.05U								
TRANS-1,2-DICHLOROETHENE																										
TRANS-1,2-DICHLOROPROPENE																										
TRANS-1,3-DICHLOROPROPENE																										
TRICHLOROETHENE																										
TRICHLOROFLUOROMETHANE																										
VINYL ACETATE																										
VINYL CHLORIDE																										
XYLENE																										

Appendix D - Subsurface Soil Data
Volatile Organic Compound

STATION	TP-8-94	W165	Y95	Y95	YR-SO-4
SAMPLE	BNTP-8-20'	W165-3 (11727)	Y95-5 (A11724)	Y95-3 (A11729)	HB077
DEPTH (FT)	20-20	3-3	5-5	3-3	2.2-3.3
DATE	10/26/1994	9/27/1991	9/27/1991	9/27/1991	3/6/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1,2-TETRACHLOROETHANE					
1,1,1-TRICHLOROETHANE					0.005U
1,1,2,2-TETRACHLOROETHANE					0.005UJ
1,1,2-TRICHLOROETHANE					0.005U
1,1-DICHLOROETHANE					0.005U
1,1-DICHLOROETHENE					0.005U
1,1-DICHLOROPROPENE					
1,2,3-TRICHLOROPROPANE					
1,2-DIBROMOETHANE					
1,2-DICHLOROETHANE					0.005U
1,2-DICHLOROPROPANE					0.005U
1,3-DICHLOROPROPANE					
2,2-DICHLOROPROPANE					
2,4-DINITROPHENOL					
2-BUTANONE					
2-CHLOROETHYL VINYL ETHER					
2-CHLOROTOLUENE					
2-HEXANONE					0.01UJ
4-CHLOROTOLUENE					
4-METHYL-2-PENTANONE					0.01UJ
ACETONE					0.01UJ
BENZENE					0.005U
BROMOBENZENE					
BROMOCHLOROMETHANE					
BROMODICHLOROMETHANE					0.005U
BROMOFORM					0.005U
BROMOMETHANE					0.01U
CARBON DISULFIDE					0.005U
CARBON TETRACHLORIDE					0.005U
CHLOROBENZENE					0.005U
CHLORODIBROMOMETHANE					
CHLOROETHANE					0.01U
CHLOROFORM					0.005U
CHLOROMETHANE (METHYL CHLORIDE)					0.01UJ
CIS-1,2-DICHLOROETHENE					
CIS-1,3-DICHLOROPROPENE					0.005UJ
DIBROMOCHLOROMETHANE					0.005U
DIBROMOMETHANE					
DICHLORODIFLUOROMETHANE					
DICHLOROMETHANE (METHYLENE CHLORIDE)					**0.005JB**
ETHYLBENZENE					0.005U
M,P-XYLENES					
METHYL ETHYL KETONE					
METHYL TERT-BUTYL ETHER					
METHYLENE CHLORIDE					
M-XYLENE					
NAPHTHALENE	**11**	6U	5.6U	5.2U	**0.49J**
O,P-XYLENES					
O-XYLENE					
STYRENE					0.005U
TETRACHLOROETHENE					0.005U
TOLUENE					0.005U
TOTAL 1,2-DICHLOROETHENE					
TOTAL XYLENES					0.005U
TRANS-1,2-DICHLOROETHENE					0.005U
TRANS-1,2-DICHLOROPROPENE					
TRANS-1,3-DICHLOROPROPENE					0.005UJ
TRICHLOROETHENE					0.005U
TRICHLOROFLUOROMETHANE					
VINYL ACETATE					
VINYL CHLORIDE					0.01U
XYLENE					

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
B	Compound detected in method blank
D	Sample dilution
E	Analyte concentration exceeded calibration range; estimated amount
J	Estimated concentration
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Surface Soil Data
Dioxin and Furan

STATION	RRS-1	RRS-2	RRS-3	RS-1	RS-1A	SS-1-89	SS-2-89	SS-3-89	SS4-02	SS-4-89	SS5-02	SS-5-89
SAMPLE	RRS-1002-1	RRS-1002-2	RRS-1002-3	B11644	RS-1A-SUR	KPP-SS-1	KPP-SS-2	KPP-SS-3	MCW-SS-4-1	KPP-SS-4	MCW-SS-5-1	KPP-SS-5
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.25	0-1	0-0.25	0-0.5	0-0.25	0-0.5	0-0
DATE	10/15/2002	10/15/2002	10/15/2002	9/28/1991	10/25/1994	11/15/1988	11/15/1988	11/15/1988	4/23/2002	11/15/1988	4/23/2002	11/15/1988
UNITS	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG
1,2,3,4,6,7,8,9-OCDD				3241730B,S	290000J	4000	11000000	560000	30	40000	250	72000
1,2,3,4,6,7,8,9-OCDF				1469340B	29000	350U	2100000	64000	2U	2700	12	11000
1,2,3,4,6,7,8-HPCDD	24000N2	2600	560A	799690B,S	55000				3.8J		44	
1,2,3,4,6,7,8-HPCDF	2600E	320	86A	209150	9600				0.98U		5.8	
1,2,3,4,7,8,9-HPCDF	120	17	5.6A	21130	520				0.98U		0.98U	
1,2,3,4,7,8-HXCDD	130	39	8	1940	520				0.98U		0.98U	
1,2,3,4,7,8-HXCDF	210	15	5	39800	3800U				0.98U		0.98U	
1,2,3,6,7,8-HXCDD	1600	140	32	34820	2900				0.98U		2J	
1,2,3,6,7,8-HXCDF	170E	15	3.7JA	5720	450				0.98U		0.98U	
1,2,3,7,8,9-HXCDD	400	59	14	4920	1400				0.98U		2.5J	
1,2,3,7,8,9-HXCDF	120	10	1.9JA	644	200				0.98U		0.98U	
1,2,3,7,8-PECDD	66	18	5.2	380	310				0.98U		0.98U	
1,2,3,7,8-PECDF	65	6.8	0.98U	4960	180U				0.98U		0.98U	
2,3,4,6,7,8-HXCDF	200	24	4.2JA		670				0.98U		0.98U	
2,3,4,7,8-PECDF	140	14	2.3J	7440	280				0.98U		0.98U	
2,3,7,8-TCDD	3.1	1.3	1U		11				0.2A		0.2A	
2,3,7,8-TCDF	16	1.8	0.8JA	1350	28J				0.2A		0.2A	
OCDD	180000N2	23000	4500A									
OCDF	2600N2	700	140A									
EPA TEF	843.75	101.09	22.3905	23377.1	1768.5				1.1253		1.9324	
WHO TEF	712.41	88.76	20.8145	23567.1	1923.5				1.3703		2.1774	

Appendix D - Surface Soil Data
Dioxin and Furan

STATION	SS-6-89	TP1-02	TP2-02	TP3-02	W165	YR-SO-2A	YR-SO-2A	YR-SO-6
SAMPLE	KPP-SS-6	MCW-SS-1-1	MCW-SS-2-1	MCW-SS-3-1	W165-S (A11689)	YR-S0-2A	YR-S0-2A DUP	YR-S0-6
DEPTH (FT)	0-0.25	0-0.5	0-0.5	0-0.5	0-0.5	0-0.25	0-0.25	0-0.25
DATE	11/15/1988	4/23/2002	4/23/2002	4/23/2002	9/28/1991	8/5/1986	8/5/1986	8/5/1986
UNITS	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG	NG/KG
1,2,3,4,6,7,8,9-OCDD	**4900**	**78**	**14**	**260**	**510740B**	**1200**	**6400**	**1400**
1,2,3,4,6,7,8,9-OCDF	1000U	**5.1J**	**310**	**16**	**21550B**	290U	**960**	360U
1,2,3,4,6,7,8-HPCDD		**10**	**42**	**42**	**60970B**	**690**	**1500**	**480**
1,2,3,4,6,7,8-HPCDF		**2.4J**	**8.3**	**7.8**	**5170**			
1,2,3,4,7,8,9-HPCDF		0.98U	0.98U	0.98U	**450**	100U	470U	80U
1,2,3,4,7,8-HXCDD		0.98U	**1.1J**	**0.99J**	**420**	220U	190U	80U
1,2,3,4,7,8-HXCDF		0.98U	0.98U	0.98U	**510**	**250**	**270**	70U
1,2,3,6,7,8-HXCDD		0.98U	**1.9J**	**1.8J**	**2700**			
1,2,3,6,7,8-HXCDF		0.98U	0.98U	0.98U	**219**			
1,2,3,7,8,9-HXCDD		0.98U	**1J**	**1.5J**	**944**			
1,2,3,7,8,9-HXCDF		0.98U	0.98U	0.98U	19.9U			
1,2,3,7,8-PECDD		0.98U	0.98U	0.98U	**139**	140U	80U	60U
1,2,3,7,8-PECDF		0.98U	0.98U	0.98U	**151**	**230**	**440**	**110**
2,3,4,6,7,8-HXCDF		0.98U	0.98U	0.98U	**303B**			
2,3,4,7,8-PECDF		0.98U	0.98U	0.98U	**111**			
2,3,7,8-TCDD		0.2U	0.2U	**0.2A**	7.7U	26U	30U	10U
2,3,7,8-TCDF		0.2U	**0.2A**	0.2U	**44.4**	30U	30U	10U
OCDD								
OCDF								
EPA TEF		**1.0964**	**1.7384**	**1.8524**	**1317.335**	**104.4**	**112.35**	**38.7**
WHO TEF		**1.3414**	**1.9834**	**2.0974**	**1386.835**	**139.4**	**132.35**	**53.7**

Appendix D - Surface Soil Data
Dioxin and Furan

Notes:

Detected values shown in bold

Shaded cells indicate values exceeding screening criteria

NG/KG	Nanograms per kilogram
FT	Feet
A	Detection limit based on signal-to-noise measurement
B	Compound detected in method blank
E	Polychlorinated diphenyl ethers (PCDE) interference
J	Estimated amount
N2	Value obtained from additional analysis
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Surface Soil Data
Metal

STATION	A1	A3	A5	B3	D15	H6	I1	J15	J8	K11	K5	K7	K9	L14	M10	M3-DEQ
SAMPLE	A1A	A3A	A5A	B3A	D15A	H6A	I1B	J15A	J8A	K11A	K5B	K7A	K9A	L14A	1994560	1994557
DEPTH (FT)	0-1	0-1	0-1	0-1	0-1	0-1	1-2	0-1	0-1	0-1	1-2	0-1	0-1	0-1	0.5-0.5	0.5-0.5
DATE	4/1/1996	4/1/1996	4/1/1996	4/1/1996	4/1/1996	4/1/1996	4/1/1996	4/3/1996	4/1/1996	4/5/1996	4/2/1996	4/3/1996	4/5/1996	4/4/1996	4/27/1998	4/27/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM																
ANTIMONY																
ARSENIC																
BARIUM																
BERYLLIUM																
CADMIUM																
CALCIUM																
CHROMIUM																
COBALT																
COPPER																
IRON																
LEAD	5UJ	**15J**	5UJ	5UJ	**78J**	**25J**	**11J**	**10J**	**51J**	**490J**	**380J**	**140J**	**680J**	**85J**		
LEAD DRY WEIGHT															**653**	**230**
MAGNESIUM																
MANGANESE																
MERCURY																
NICKEL																
POTASSIUM																
SELENIUM																
SILVER																
SODIUM																
THALLIUM																
TIN																
VANADIUM																
ZINC																

Appendix D - Surface Soil Data
Metal

STATION	M5-DEQ	M7-DEQ	N4	N8/9	NM3	NM4	NM6	NO10	NO7	NO9	O3-DEQ	O4a	O4b	O5	O7
SAMPLE	1994558	1994559	N4A	1994566	1994561	1994562	1994564	1994568	1994565	1994567	1994569	1994570	1994571	O5A	O7B
DEPTH (FT)		0.5-0.5	0-1	0.7-0.7	0.8-0.8		1-1	0.5-0.5	0.5-0.5	0.8-0.8	0.8-0.8	0.8-0.8	0.7-0.7	0-1	0-3
DATE	4/27/1998	4/27/1998	4/1/1996	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/1/1996	4/5/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM															
ANTIMONY															
ARSENIC															
BARIUM															
BERYLLIUM															
CADMIUM															
CALCIUM															
CHROMIUM															
COBALT															
COPPER															
IRON															
LEAD			50J											6990J	350J
LEAD DRY WEIGHT	397	589		196	459	530	53	243	438	37	542	15	30		
MAGNESIUM															
MANGANESE															
MERCURY															
NICKEL															
POTASSIUM															
SELENIUM															
SILVER															
SODIUM															
THALLIUM															
TIN															
VANADIUM															
ZINC															

Appendix D - Surface Soil Data
Metal

STATION	P10/11	P10a	P10b	P11	P12	P4	P4/5	P7a	P7b	P9	Q1	Q11-DEQ	Q3	Q5	Q6
SAMPLE	1994578	1994576	1994577	1994579	P12A	P4A	1994572	1994573	1994574	1994575	Q1A	1994585	Q3A	Q5A	1994580
DEPTH (FT)		0.5-0.5	1-1		0-1	0-1	0.8-0.8	1-1	0.8-0.8	1-1	1-2	1-1	1-2	0-1	0.5-0.5
DATE	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/4/1996	4/1/1996	4/27/1998	4/27/1998	4/27/1998	4/27/1998	4/1/1996	4/27/1998	4/2/1996	4/2/1996	4/27/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM															
ANTIMONY															
ARSENIC															
BARIUM															
BERYLLIUM															
CADMIUM															
CALCIUM															
CHROMIUM															
COBALT															
COPPER															
IRON															
LEAD					380J	11J					100J		260J	1580J	
LEAD DRY WEIGHT	408	120	1510	329			44300	5780	2910	140		1110			1260
MAGNESIUM															
MANGANESE															
MERCURY															
NICKEL															
POTASSIUM															
SELENIUM															
SILVER															
SODIUM															
THALLIUM															
TIN															
VANADIUM															
ZINC															

Appendix D - Surface Soil Data
Metal

STATION	Q7-DEQ	Q8	Q9/10	QP8	RR-SO-4	SS-10-91	SS-1-89	SS-2-89	SS-3-89	SS4-02	SS-4-89	SS-4-91	SS5-02
SAMPLE	1994581	1994582	1994584	1994583	MHC-255	B8359	KPP-SS-1	KPP-SS-2	KPP-SS-3	MCW-SS-4-1	KPP-SS-4	B8354	MCW-SS-5-1
DEPTH (FT)	1-1	0.8-0.8	0.9-0.9	1-1	0.8-1.6	0-0.5	0-0.25	0-1	0-0.25	0-0.5	0-0.25	0-0.5	0-0.5
DATE	4/27/1998	4/27/1998	4/27/1998	4/27/1998	2/26/1986	9/27/1991	11/15/1988	11/15/1988	11/15/1988	4/23/2002	11/15/1988	9/27/1991	4/23/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM					8734		11200	7340	9510		7650		
ANTIMONY						6U	0.6U	0.7B	0.6U		0.6U	6U	
ARSENIC					6.3U	3.7	4.1	240.7	5.9		9.6	7.7	
BARIUM					136E		142	152	94		79		
BERYLLIUM					0.4	0.41	0.2B	0.2B	0.5B		0.2B	0.36	
CADMIUM					1.6U	0.5U	2.4	3.4	3.4		2.2	0.5U	
CALCIUM					9019		17800	10100	12700		9650		
CHROMIUM					7	8.3	10	8.6	11		11	7.4	
COBALT					7		8B	3B	3B		4U		
COPPER					15	42.9	12	98	11		7	20.7	
IRON					11905		13300	10500	12100		11300		
LEAD						262	21.9	102.1	36.9	8	111	471	11
LEAD DRY WEIGHT	1470	1300	958	679									
MAGNESIUM					7411		9530	5790	7880		7030		
MANGANESE					297		346	363	313		344		
MERCURY						0.2U	0.2	0.38	0.11		0.12	0.2U	
NICKEL					13U	12	10	14	11		8U	9.5	
POTASSIUM					1227		1430	429B	654B		443B		
SELENIUM					3.2U	1U	0.7U	0.7U	0.7U		0.7U	1U	
SILVER					1.3U	1U	0.1U	0.1U	0.1U		0.1U	1U	
SODIUM					42U		40U	30U	30U		40U		
THALLIUM						1U	0.6B	0.5B	0.5B		0.4B	0.5U	
TIN					9U		20U	10U	20U		20U		
VANADIUM					6.8		4U	3B	4B		4U		
ZINC					48	185	54	239	66		51	117	

Appendix D - Surface Soil Data
Metal

STATION	SS-5-89	SS-6-89	SS-6-91	TP1-02	TP2-02	TP3-02	X18	YR-SO-1	YR-SO-2
SAMPLE	KPP-SS-5	KPP-SS-6	B8356	MCW-SS-1-1	MCW-SS-2-1	MCW-SS-3-1	X18A	MHC-569	MHC-570
DEPTH (FT)	0-0	0-0.25	0-0.5	0-0.5	0-0.5	0-0.5	0-1	0-1.3	0-0.75
DATE	11/15/1988	11/15/1988	9/27/1991	4/23/2002	4/23/2002	4/23/2002	4/3/1996	3/18/1986	3/19/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
ALUMINUM	11900	13100						9570	8080
ANTIMONY	0.6U	0.6U	6U					19U	
ARSENIC	2.1	3.8	4.1						
BARIUM	154	244						226	99
BERYLLIUM	0.4B	0.7B	0.5					0.89	0.25
CADMIUM	3	2.7	0.5U					2.9U	2.4
CALCIUM	2920	4490						54800	11100
CHROMIUM	11	14	8.8					10	7.7
COBALT	3U	4B						7.8	6.6
COPPER	10	58	22.8					22	97
IRON	15400	16000						14900	13300
LEAD	37.8	29788	117	7	8	29	14J	13	663
LEAD DRY WEIGHT									
MAGNESIUM	7820	7350						17100	8110
MANGANESE	136	187						432	151
MERCURY	0.05U	0.12	0.2U					0.071U	0.06U
NICKEL	15	17	8.8					33	12
POTASSIUM	1970	2530						1810	1190
SELENIUM	0.7U	0.7U	0.5U						
SILVER	0.1U	0.2B	1U					2.9U	2.4U
SODIUM	30U	40U						1180	467U
THALLIUM	0.6B	1.3B	0.5U					7.1U	6U
TIN	20U	20U						13U	13
VANADIUM	17U	7B						16	20
ZINC	65	91	44					78	801

Appendix D - Surface Soil Data
Metal

Notes:

Detected values shown in bold

Shaded values exceed screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
B	Compound detected in method blank
J	Estimated amount
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	A30	AA160	AA160	AA25	AA95	B130	CP-1	D50	G(-20)	G75	I(-20)	I130	J10	K130
SAMPLE	A12269	A12275	B12236	A11730	11731	A12356	A12115	12360	12240	A12270	12148	12362	J10A	12359
DEPTH (FT)		1-1					0-0.5						0-1	
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	7/31/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/5/1996	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	41	6U	250E	3.7J	5.2	5.1U	5.3U	3.5J	5.4U	5.1U	3J	23J	2J	5U

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	K90	L(-20)	L10	LT-1	LT-2	LT-3	MG-1	N12	Q165	Q25	Q25	Q95	RR-SO-4	RS-1
SAMPLE	12361	A11735	L10A	A12117	A12118	A12119	A12124	N12A	A12267	12268	A11684	B12244	HC-307	A11644
DEPTH (FT)			0-1	0-0.5	0-0.5	0-0.5	0-0.5	0-1					0.8-1.6	0-0.5
DATE	9/27/1991	9/27/1991	4/5/1996	7/31/1991	7/31/1991	7/31/1991	7/31/1991	4/5/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	2/26/1986	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	84	5.7U	3.3U	10.4	5U	5U	580E	3.3U	24	5.7	9.7	32	3.3U	520

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	S165	S25	S25	S6	S95	S95	SL-1	SS-10-91	SS-10-A-98	SS-10-B-98	SS-10-CA-98	SS-10-CA-98
SAMPLE	A11708	A11723	B11712	S6	11707	11721	A12113	A8359	SS-10-A-2	SS-10-B-2	SS-10-CA-.5	SS-10-CA-2
DEPTH (FT)		1-1		0-0.5		1-1	0-0.5	0-0.5	0-2	0-2	0-0.5	0-2
DATE	9/27/1991	9/27/1991	9/27/1991	4/1/1996	9/27/1991	9/27/1991	7/31/1991	9/27/1991	7/28/1998	7/28/1998	8/17/1998	8/17/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	2.5J	5.1U	80	3.3U	13	5.7U	330	51U	2	51	7.7	11

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	SS-10-CB-98	SS-10-CB-98	SS-11-98	SS-11-98	SS-12-98	SS-12-98	SS-13-98	SS-13-98	SS-14-98	SS-14-98	SS-15-98	SS-15-98	SS-16-98
SAMPLE	SS-10-CB-.5	SS-10-CB-2	SS-11-.5	SS-11-2	SS-12-.5	SS-12-2	SS-13-.5	SS-13-2	SS-14-.5	SS-14-2	SS-15-.5	SS-15-2	SS-16-.5
DEPTH (FT)	0-0.5	0-2	0-0.5	0-2	0-0.5	0-2	0-0.5	0-2	0-0.5	0-2	0-0.5	0-2	0-0.5
DATE	8/17/1998	8/17/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/30/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	4.2	0.094	9.1	19	0.85	0.12	3.1	0.0073	2	0.42	0.39	0.067	0.49

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	SS-16-98	SS-17-98	SS-17-98	SS-1-89	SS-18-98	SS-18-98	SS-1-91	SS-19-98	SS-19-98	SS-1-A-98	SS-1-B-98	SS-1-E-98	SS-1-FA-98
SAMPLE	SS-16-2	SS-17-.5	SS-17-2	KPP-SS-1	SS-18-.5	SS-18-2	A12114	SS-19-.5	SS-19-2	SS-1-A-2	SS-1-B-2	SS-1-E-2	SS-1-FA-2
DEPTH (FT)	0-2	0-0.5	0-2	0-0.25	0-0.5	0-2	0-0.5	0-0.5	0-2	0-2	0-2	0-2	0-2
DATE	6/30/1998	6/30/1998	6/30/1998	11/15/1988	6/30/1998	6/30/1998	7/31/1991	6/30/1998	6/30/1998	7/28/1998	7/28/1998	7/28/1998	8/17/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	0.068	0.15	0.032	2U	1	0.056	1800E	0.71	0.0074U	0.38	7.6	16	13

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	SS-20-98	SS-20-98	SS-20-98	SS-20-98	SS-2-89	SS-2-91	SS-2-98	SS-2-98	SS-3-89	SS-3-91	SS-3-98	SS-3-98	SS4-02
SAMPLE	SS-20-.5	SS-20-2	SS-22-.5	SS-22-2	KPP-SS-2	A12116	SS-2-.5	SS-2-2	KPP-SS-3	A12128	SS-3-.5	SS-3-2	MCW-SS-4-1
DEPTH (FT)	0-0.5	0-2	0-0.5	0-2	0-1	0-0.5	0-0.5	0-2	0-0.25	0-0.5	0-0.5	0-2	0-0.5
DATE	6/30/1998	6/30/1998	6/30/1998	6/30/1998	11/15/1988	7/31/1991	6/29/1998	6/29/1998	11/15/1988	7/31/1991	6/30/1998	6/30/1998	4/23/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	0.5	0.041	0.71	0.029	6900	5.1U	0.4	0.61	97B	5.3U	3.4	0.012	0.002U

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	SS-4-89	SS-4-91	SS-4-98	SS-4-98	SS5-02	SS-5-89	SS-5-91	SS-5-98	SS-5-98	SS-6-89	SS-6-91	SS-6-98	SS-6-98
SAMPLE	KPP-SS-4	A8354	SS-4-.5	SS-4-2	MCW-SS-5-1	KPP-SS-5	A8355	SS-5-.5	SS-5-2	KPP-SS-6	A8356	SS-6-.5	SS-6-2
DEPTH (FT)	0-0.25	0-0.5	0-0.5	0-2	0-0.5	0-0	0-0.5	0-0.5	0-2	0-0.25	0-0.5	0-0.5	0-2
DATE	11/15/1988	9/27/1991	6/30/1998	6/30/1998	4/23/2002	11/15/1988	9/27/1991	6/30/1998	6/30/1998	11/15/1988	9/27/1991	6/29/1998	6/29/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	1.6JB	52U	1.7	0.2	0.002U	21U	5.1U	1	0.048	6.6U	840E	2	0.0076

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	SS-7-91	SS-7-98	SS-7-98	SS-8-91	SS-8-98	SS-8-98	SS-9-91	SS-9-A-98	SS-9-A-98	SS-9-D-98	SS-9-D-98	SS-9-E-98	SS-9-E-98
SAMPLE	A8357	SS-7-.5	SS-7-2	A8358	SS-8-.5	SS-8-2	A8360	SS-9-A-.5	SS-9-A-2	SS-9-D-.5	SS-9-D-2	SS-9-E-.5	SS-9-E-2
DEPTH (FT)	0-0.5	0-0.5	0-2	0-0.5	0-0.5	0-2	0-0.5	0-0.5	0-2	0-0.5	0-2	0-0.5	0-2
DATE	9/27/1991	6/29/1998	6/29/1998	9/27/1991	6/29/1998	6/29/1998	9/27/1991	7/28/1998	7/28/1998	7/28/1998	7/28/1998	7/28/1998	7/28/1998
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	5.1U	0.26	0.031	5.1U	1.5	3.1	52U	190	7.4	0.84	210	3.2	62

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	TA-1	TA-1	TA-4	TP1-02	TP-106	TP-107	TP-108	TP-109	TP-109	TP-110	TP-111	TP-112	TP-113
SAMPLE	A12125 - TA-1	A12126 - TA-2	A12129	MCW-SS-1-1	TP-106	TP-107A	TP-108	TP-109	96-52982	TP-110	TP-111A	TP-112	TP-113
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5	0-2	0-2	0-2	0-2	0.25-0.25	0-2	0-2	0-2	0-2
DATE	7/31/1991	7/31/1991	7/31/1991	4/23/2002	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	64	72	5.3U	0.002U	0.14	0.03	0.59	0.72	1.7U	0.89	0.0054J	0.006J	0.05

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	TP-114	TP-115	TP-117	TP-117	TP2-02	TP3-02	U165	U165	U25	U25
SAMPLE	TP-114	TP-115	TP-117	TP-150	MCW-SS-2-1	MCW-SS-3-1	U165-S (A11690)	U' 165-SC (A11702)	U25-S (A11691)	U' 25-SC (A11705)
DEPTH (FT)	0-2	0-2	0-2	0-2	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
DATE	9/4/1996	9/4/1996	9/4/1996	9/4/1996	4/23/2002	4/23/2002	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	0.5	0.0039J	0.11	0.089	0.002U	0.0028	30	26	2.8J	2.3J

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	U25	U95	U95	UT-1	UT-2	UT-3	UT-4	W165	W165
SAMPLE	U25-1 (A11717)	U95-S (A11695)	U' 95-SC (A11701)	A12120	A12121	A12122	A12123	W165-S (A11689)	W' 165-SC (A11703)
DEPTH (FT)	1-1	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
DATE	9/27/1991	9/27/1991	9/27/1991	7/31/1991	7/31/1991	7/31/1991	7/31/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	5.2U	5.2U	2.4J	1700E	18	4.3J	4.6J	17	12

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	W165	W25	W25	W25	W95	W95	Y165	Y165
SAMPLE	W165-1 (A11728)	W25-S (A11688)	W' 25-SC (A11713)	W25-1 (11715)	W95-S (A11687)	W' 95-SC (A11700)	Y165-S (A11697)	Y' 165-SC (11706)
DEPTH (FT)	1-1	0-0.5	0-0.5	1-1	0-0.5	0-0.5	0-0.5	0-0.5
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	5.7U	4.2J	6.8	6U	8.7	12	13	4.2J

Appendix D - Surface Soil Data
Pentachlorophenol

STATION	Y25	Y25	Y25	Y95	Y95	YR-SO-1	YR-SO-2
SAMPLE	Y25-S (A11698)	Y' 25-SC (A11709)	Y25-1 (A11722)	Y95-S (A11696)	Y' 95-SC (A11704)	HB052	HB053
DEPTH (FT)	0-0.5	0-0.5	1-1	0-0.5	0-0.5	0-1.3	0-0.75
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991	3/11/1986	4/2/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
PENTACHLOROPHENOL	12	4.5J	2.7J	5.5	11	4U	1.6UJ

Appendix D - Surface Soil Data
Pentachlorophenol

Notes:

Detected values shown in bold

Shaded values exceed screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
B	Compound detected in method blank
J or E	Estimated amount
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	5-29AR	5-30AR	5-30PR	5-31AR	5-31PR	6-12AR	6-12PR	6-13AR	6-13PR	6-14AR	6-14PR	6-15AR	6-15ARRB
SAMPLE	5-29AR	5-30AR	5-30PR	5-31AR	5-31PR	6-12AR	6-12PR	6-13AR	6-13PR	6-14AR	6-14PR	6-15AR	6-15ARRB
DATE	5/29/1993	5/30/1993	6/4/1993	5/31/1993	5/31/1993	6/13/1993	6/13/1993	6/14/1993	6/14/1993	6/15/1993	6/15/1993	6/16/1993	6/28/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	59	152	17	80	63	11	10U	31	25	20	16	97	10U

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	6-17AR	6-17PR	6-17PRRB	6-18AR	6-1AR	6-1PR	6-20PR	6-21AR	6-21PR	6-22AR	6-22PR	6-23AR	6-23PR
SAMPLE	6-17AR	6-17PR	6-17PRRB	6-18AR	6-1AR	6-1PR	6-20PR	6-21AR	6-21PR	6-22AR	6-22PR	6-23AR	6-23PR
DATE	6/18/1993	6/18/1993	6/28/1993	6/19/1993	6/1/1993	6/1/1993	6/21/1993	6/22/1993	6/22/1993	6/23/1993	6/23/1993	6/24/1993	6/24/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	**54**	**102**	10U	**35**	**39**	10U	**23**	10U	**19**	**35**	**41**	**25**	**25**

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	6-24AR	6-24PR	6-25AR	6-25PR	6-26AR	6-26PR	6-27AR	6-27PR	6-28AR	6-28PR	6-29AR	6-2AR	6-2PR
SAMPLE	6-24AR	6-24PR	6-25AR	6-25PR	6-26AR	6-26PR	6-27AR	6-27PR	6-28AR	6-28PR	6-29AR	6-2AR	6-2PR
DATE	6/25/1993	6/25/1993	6/26/1993	6/26/1993	6/27/1993	6/27/1993	6/28/1993	6/28/1993	6/29/1993	6/29/1993	6/30/1993	6/2/1993	6/2/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	10U	10U	**10**	**19**	**18**	10U	10U	10U	**17**	**21**	**25**	**23**	**17**

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	6-30AR	6-30PR	6-3AR	6-3PR	6-4AR	6-4PR	6-5AR	6-5PR	6-6AR	6-6PR	6-7AR	6-7PR	6-8AR	6-8PR
SAMPLE	6-30AR	6-30PR	6-3AR	6-3PR	6-4AR	6-4PR	6-5AR	6-5PR	6-6AR	6-6PR	6-7AR	6-7PR	6-8AR	6-8PR
DATE	7/1/1993	7/1/1993	6/3/1993	6/3/1993	6/4/1993	6/4/1993	6/5/1993	6/5/1993	6/6/1993	6/6/1993	6/7/1993	6/7/1993	6/8/1993	6/15/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	14	21	13	14	11	11	10	17	25	10	17	17	11	22

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	6-9AR	6-9PR	7-10AR	7-10PR	7-11AR	7-11PR	7-12AR	7-12PR	7-13AR	7-13PR	7-14AR	7-14PR
SAMPLE	6-9AR	6-9PR	7-10AR	7-10PR	7-11AR	7-11PR	7-12AR	7-12PR	7-13AR	7-13PR	7-14AR	7-14PR
DATE	6/15/1993	6/15/1993	7/11/1993	7/11/1993	7/12/1993	7/12/1993	7/13/1993	7/13/1993	7/14/1993	7/14/1993	7/15/1993	7/15/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	15	23	26	27	21	29	17	16	22	20	18	26

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	7-15AR	7-15PR	7-16AR	7-16PR	7-17AR	7-17PR	7-18AR	7-18PR	7-19AR	7-19PR	7-1AR	7-1PR	7-20AR
SAMPLE	7-15AR	7-15PR	7-16AR	7-16PR	7-17AR	7-17PR	7-18AR	7-18PR	7-19AR	7-19PR	7-1AR	7-1PR	7-20AR
DATE	7/16/1993	7/16/1993	7/17/1993	7/17/1993	7/18/1993	7/18/1993	7/19/1993	7/19/1993	7/20/1993	7/20/1993	7/2/1993	7/2/1993	7/21/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	22	26	15	19	17	30	16	18	17	15	15	15	12

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	7-21AR	7-21PR	7-22AR	7-22PR	7-23AR	7-23PR	7-24AR	7-24PR	7-25AR	7-25PR	7-26AR	7-26PR
SAMPLE	7-21AR	7-21PR	7-22AR	7-22PR	7-23AR	7-23PR	7-24AR	7-24PR	7-25AR	7-25PR	7-26AR	7-26PR
DATE	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/24/1993	7/24/1993	7/25/1993	7/25/1993	7/26/1993	7/26/1993	7/27/1993	7/27/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	**13**	**11**	**65**	**65**	10U	10U	10U	**12**	10U	10U	10U	10U

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	7-27AR	7-27PR	7-28AR	7-28PR	7-29AR	7-29PR	7-2AR	7-2PR	7-30PR	7-31AR	7-31PR	7-3AR	7-3PR
SAMPLE	7-27AR	7-27PR	7-28AR	7-28PR	7-29AR	7-29PR	7-2AR	7-2PR	7-30PR	7-31AR	7-31PR	7-3AR	7-3PR
DATE	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/30/1993	7/30/1993	7/3/1993	7/3/1993	7/31/1993	8/1/1993	8/1/1993	7/4/1993	7/4/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	10U	10U	**13**	**17**	10U	10U	**15**	**30**	10U	10U	10U	**19**	**21**

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	7-4AR	7-4PR	7-6AR	7-7AR	7-8PR	7-9AR	7-9PR	8-10AR	8-10PR	8-11AR	8-11PR	8-12AR	8-12PR
SAMPLE	7-4AR	7-4PR	7-6AR	7-7AR	7-8PR	7-9AR	7-9PR	8-10AR	8-10PR	8-11AR	8-11PR	8-12AR	8-12PR
DATE	7/5/1993	7/5/1993	7/8/1993	7/8/1993	7/9/1993	7/10/1993	7/10/1993	8/11/1993	8/11/1993	8/12/1993	8/12/1993	8/13/1993	8/13/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	22	16	26	30	27	29	25	31	22	33	36	26	45

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	8-13AR	8-13PR	8-14AR	8-15AR	8-15PR	8-16AR	8-18AR	8-18PR	8-19AR	8-19PR	8-1AR	8-1PR	8-20AR
SAMPLE	8-13AR	8-13PR	8-14AR	8-15AR	8-15PR	8-16AR	8-18AR	8-18PR	8-19AR	8-19PR	8-1AR	8-1PR	8-20AR
DATE	8/14/1993	8/14/1993	8/15/1993	8/16/1993	8/16/1993	8/17/1993	8/19/1993	8/19/1993	8/20/1993	8/20/1993	8/2/1993	8/2/1993	8/21/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	**34**	10U	**36**	**30**	10U	**21**	**26**	**29**	**18**	**23**	10U	**14**	10U

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 1

STATION	8-20PR	8-21AR	8-21PR
SAMPLE	8-20PR	8-21AR	8-21PR
DATE	8/21/1993	8/22/1993	8/22/1993
UNITS	MG/KG	MG/KG	MG/KG
TOTAL PETROLEUM HYDROCARBONS	10U	**21**	10U

Notes:

Detected values shown in bold

Shaded values exceed screening criteria

MG/KG Milligrams per kilogram

U Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	8-22AR	8-22PR	8-26AR	8-26PR	8-27PR	8-28AR	8-28PR	8-2AR	8-2PR	8-30AR	8-30PR	8-31AR
SAMPLE	8-22AR	8-22PR	8-26AR	8-26PR	8-27PR	8-28AR	8-28PR	8-2AR	8-2PR	8-30AR	8-30PR	8-31AR
DEPTH (FT)												
DATE	8/23/1993	8/23/1993	8/27/1993	8/27/1993	8/28/1993	8/29/1993	8/29/1993	8/3/1993	8/3/1993	9/2/1993	9/2/1993	9/2/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS												
C10-C22 AROMATICS												
C11-C22 AROMATICS												
C19-C36 ALIPHATICS												
C5-C8 ALIPHATICS												
C9-C10 AROMATICS												
C9-C12 ALIPHATICS												
C9-C18 ALIPHATICS												
DIESEL												
DIESEL RANGE ORGANICS												
DIESEL RANGE ORGANICS AS DIESEL												
EPH SCREEN												
GASOLINE RANGE ORGANICS												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH												
TOTAL EXTRACTABLE HYDROCARBONS												
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBONS	10U	10U	**56**	10U	**41**	**13**	**22**	10U	**17**	**13**	**29**	**12**
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	8-31PR	8-3AR	8-3PR	8-4AR	8-4PR	8-5AR	8-5PR	8-6AR	8-6PR	8-7AR	8-7PR	8-8AR	8-8PR
SAMPLE	8-31PR	8-3AR	8-3PR	8-4AR	8-4PR	8-5AR	8-5PR	8-6AR	8-6PR	8-7AR	8-7PR	8-8AR	8-8PR
DEPTH (FT)													
DATE	9/2/1993	8/4/1993	8/4/1993	8/5/1993	8/5/1993	8/6/1993	8/6/1993	8/7/1993	8/7/1993	8/8/1993	8/8/1993	8/8/1993	8/8/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS													
C10-C22 AROMATICS													
C11-C22 AROMATICS													
C19-C36 ALIPHATICS													
C5-C8 ALIPHATICS													
C9-C10 AROMATICS													
C9-C12 ALIPHATICS													
C9-C18 ALIPHATICS													
DIESEL													
DIESEL RANGE ORGANICS													
DIESEL RANGE ORGANICS AS DIESEL													
EPH SCREEN													
GASOLINE RANGE ORGANICS													
LUBE OIL AND RELATED PRODUCTS													
TOTAL EPH													
TOTAL EXTRACTABLE HYDROCARBONS													
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN													
TOTAL PETROLEUM HYDROCARBONS	10U	**15**	**14**	**18**	**15**	**13**	**17**	10U	**11**	10U	10U	**11**	**11**
TOTAL PURGEABLE HYDROCARBONS													

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	9-1AR	9-1PR	9-2AR	9-2PR	9-3AR	9-3PR	9-4AR	9-4PR	9-5AR	A1-1	A1-2	A1-3	A2-1
SAMPLE	9-1AR	9-1PR	9-2AR	9-2PR	9-3AR	9-3PR	9-4AR	9-4PR	9-5AR	A1-1	A1-2	A1-3	A2-1
DEPTH (FT)										0-2	0-2	0-2	0-2
DATE	9/2/1993	9/2/1993	9/3/1993	9/3/1993	9/7/1993	9/7/1993	9/7/1993	9/7/1993	9/7/1993	6/1/2002	6/1/2002	6/1/2002	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS													
C10-C22 AROMATICS													
C11-C22 AROMATICS											20U		
C19-C36 ALIPHATICS											20U		
C5-C8 ALIPHATICS										2U	2U	2U	2U
C9-C10 AROMATICS										2U	2U	2U	2U
C9-C12 ALIPHATICS										2U	2U	2U	2U
C9-C18 ALIPHATICS											20U		
DIESEL													
DIESEL RANGE ORGANICS													
DIESEL RANGE ORGANICS AS DIESEL													
EPH SCREEN													
GASOLINE RANGE ORGANICS													
LUBE OIL AND RELATED PRODUCTS													
TOTAL EPH										**22**	**21**	**21**	**22**
TOTAL EXTRACTABLE HYDROCARBONS										**23**	**22**	**22**	**23**
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN													
TOTAL PETROLEUM HYDROCARBONS	10U	10U	10U	10U	10U	10U	10U	10U	10U				
TOTAL PURGEABLE HYDROCARBONS										**6**	**6**	**6**	

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	A3-1	A3-2	A3-3	B1-1	B3	B3-1	B3-2	B3-3	BC-1	BC-1A	BC-2	BC-2A
SAMPLE	A3-1	A3-2	A3-3	B1-1	B3B	B3-1	B3-2	B3-3	BC-1	BC-1A	BC-2	BC-2A
DEPTH (FT)	0-2	0-2	0-2	0-2	1-3	0-2	0-2	0-2				
DATE	6/1/2002	6/1/2002	6/1/2002	6/1/2002	4/1/1996	6/1/2002	6/1/2002	6/1/2002	2/1/1993	5/28/1993	2/1/1993	5/28/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS					**17**							
C10-C22 AROMATICS												
C11-C22 AROMATICS		20U										
C19-C36 ALIPHATICS		**29**			**22**							
C5-C8 ALIPHATICS	2U	2U	2U	2U		2U	2U	2U				
C9-C10 AROMATICS	2U	2U	2U	2U		2U	2U	2U				
C9-C12 ALIPHATICS	2U	2U	2U	2U		2U	2U	2U				
C9-C18 ALIPHATICS		20U			**19**							
DIESEL					10U							
DIESEL RANGE ORGANICS					**30**							
DIESEL RANGE ORGANICS AS DIESEL												
EPH SCREEN												
GASOLINE RANGE ORGANICS												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH	**16**	**41**	**9**	**23**	**54**			**7**				
TOTAL EXTRACTABLE HYDROCARBONS	**17**	**44**	**9.5**	**24**	**57**			**7.8**				
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBONS									**15000**	**51**	**900**	**2151**
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	C1-1	C2-2	C3-1	C3-2	CSB	CSS	GWRM-1	GWRM-2	I1	I11	K3	L10
SAMPLE	C1-1	C2-2	C3-1	C3-2	CSB-1	CSS-1	MW-01A	MW-02A	I1B	I11B	K3B	L10B
DEPTH (FT)	0-2	0-2	0-2	0-2			1-5	0-5	1-2	1-2.5	1-2	1-2
DATE	6/1/2002	6/1/2002	6/1/2002	6/1/2002	2/15/1994	2/15/1994	4/14/2005	4/14/2005	4/1/1996	4/1/1996	4/4/1996	4/5/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS									18			
C10-C22 AROMATICS										31600		6830
C11-C22 AROMATICS		92	829	734								
C19-C36 ALIPHATICS		154	497	796					24	18500		5690
C5-C8 ALIPHATICS	2U	2U	2U	2U								
C9-C10 AROMATICS	2U	2U	2U	2U								
C9-C12 ALIPHATICS	2U	2U	2U	2U								
C9-C18 ALIPHATICS		40U	124	166					21	2030		12200
DIESEL									10U		150U	
DIESEL RANGE ORGANICS									25		1520	
DIESEL RANGE ORGANICS AS DIESEL												
EPH SCREEN							14	230				
GASOLINE RANGE ORGANICS												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH	43	371	2441	2155					59			
TOTAL EXTRACTABLE HYDROCARBONS	46	393	2530	2240					63		2320	
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBONS					2880	539						
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	N11-15	N16	N17-21	O5	P12	Q1	Q3	Q9	S25	S6	SBRM-1	SBRM-2
SAMPLE	98-35634	98-35635	98-35636	O5A	P12B	Q1A	Q3A	Q9B	A11712	S6	SB-01A	SB-02A
DEPTH (FT)				0-1	1-3	1-2	1-2	1-2		0-0.5	1-5	0-5
DATE	5/20/1998	5/20/1998	5/20/1998	4/1/1996	4/4/1996	4/1/1996	4/2/1996	4/4/1996	9/27/1991	4/1/1996	4/14/2005	4/14/2005
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS				5336	282	388				42		
C10-C22 AROMATICS							26.8	29800				
C11-C22 AROMATICS												
C19-C36 ALIPHATICS				6917	366	503	179	17400		54		
C5-C8 ALIPHATICS												
C9-C10 AROMATICS												
C9-C12 ALIPHATICS												
C9-C18 ALIPHATICS				6046	320	439	26.7	3640		47		
DIESEL				200U	965	200U				10U		
DIESEL RANGE ORGANICS	417	28873	2395	16500	965	458				50		
DIESEL RANGE ORGANICS AS DIESEL	100U	28873	100U									
EPH SCREEN											12U	17
GASOLINE RANGE ORGANICS												
LUBE OIL AND RELATED PRODUCTS												
TOTAL EPH					919					135		
TOTAL EXTRACTABLE HYDROCARBONS	940	29072	4288	18300	968	1330				143		
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN												
TOTAL PETROLEUM HYDROCARBONS									2900			
TOTAL PURGEABLE HYDROCARBONS												

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	SS-10-91	SS-10-91	SS4-02	SS-4-91	SS5-02	SS-6-91	SS-8-91	SW-5	T1	T3
SAMPLE	A8359	B8359	MCW-SS-4-1	B8354	MCW-SS-5-1	B8356	A8358	SW-5-25	T1	T3
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5		0-0.5	0-0.5
DATE	9/27/1991	9/27/1991	4/23/2002	9/27/1991	4/23/2002	9/27/1991	9/27/1991	6/18/1992	4/1/1996	4/1/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS									**49**	**24**
C10-C22 AROMATICS										
C11-C22 AROMATICS			**51**		20U					
C19-C36 ALIPHATICS			**53**		**15**				**64**	**31**
C5-C8 ALIPHATICS			2U		2U					
C9-C10 AROMATICS			2U		2U					
C9-C12 ALIPHATICS			2U		2U					
C9-C18 ALIPHATICS			20U		20U				**56**	**27**
DIESEL									10U	10U
DIESEL RANGE ORGANICS								60U	**20**	**34**
DIESEL RANGE ORGANICS AS DIESEL										
EPH SCREEN										
GASOLINE RANGE ORGANICS								24U		
LUBE OIL AND RELATED PRODUCTS								120U		
TOTAL EPH							**41900**		**158**	**78**
TOTAL EXTRACTABLE HYDROCARBONS			**139**		**35**				**68**	**83**
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN			**229**		**95**					
TOTAL PETROLEUM HYDROCARBONS	**33000**	**33000**		**33000**	2U	**17000**				
TOTAL PURGEABLE HYDROCARBONS			**3.7**							

Appendix D - Surface Soil Data
Petroleum Hydrocarbon 2

STATION	TP1-02	TP-109	TP2-02	TP3-02
SAMPLE	MCW-SS-1-1	96-52982	MCW-SS-2-1	MCW-SS-3-1
DEPTH (FT)	0-0.5	0.25-0.25	0-0.5	0-0.5
DATE	4/23/2002	9/4/1996	4/23/2002	4/23/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG
C10-C22 ALIPHATICS				
C10-C22 AROMATICS				
C11-C22 AROMATICS				20U
C19-C36 ALIPHATICS				**26**
C5-C8 ALIPHATICS	2U		2U	2U
C9-C10 AROMATICS	2U		2U	2U
C9-C12 ALIPHATICS	2U		2U	2U
C9-C18 ALIPHATICS				20U
DIESEL				
DIESEL RANGE ORGANICS		**15400**		
DIESEL RANGE ORGANICS AS DIESEL		400U		
EPH SCREEN				
GASOLINE RANGE ORGANICS				
LUBE OIL AND RELATED PRODUCTS				
TOTAL EPH				
TOTAL EXTRACTABLE HYDROCARBONS		**35200**		**65**
TOTAL EXTRACTABLE HYDROCARBONS - SCREEN	10U		10U	**96**
TOTAL PETROLEUM HYDROCARBONS				
TOTAL PURGEABLE HYDROCARBONS	2U		2U	2U

Notes:

Detected values shown in bold

Shaded values exceed screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	6-14PR	6-22PR	6-26PR	6-2PR	6-30PR	6-5AR	6-8AR	7-10PR	7-14AR
SAMPLE	6-14PR	6-22PR	6-26PR	6-2PR	6-30PR	6-5AR	6-8AR	7-10PR	7-14AR
DEPTH (FT)									
DATE	6/15/1993	6/23/1993	6/27/1993	6/2/1993	7/1/1993	6/5/1993	6/8/1993	7/11/1993	7/15/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DIMETHYLNAPHTHALENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE									
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL-PHENYLETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER									
4-METHYLPHENOL									
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	1.54U	1.21U	1.21U	1.21U	1.21U	1.21U	1.21U	1.21U	1.21U
ACENAPHTHYLENE		1.54U	1.54U	1.54U	1.54U	1.54U	1.54U	1.54U	1.54U
ANTHRACENE	0.442U	0.442U	0.442U	0.442U	0.442U	0.442U	0.442U	0.442U	0.442U
BENZO(A)ANTHRACENE	0.00871U	0.00871U	0.00871U	0.00871U	0.00871U	0.00871U	0.00871U	0.00871U	0.00871U
BENZO(A)PYRENE	0.0154U	0.0154U	0.015U	0.0154U	0.0154U	0.0154U	0.0154U	0.0154U	0.0154U
BENZO(B)FLUORANTHENE	0.0121U	0.0121U	0.0121U	0.0121U	0.0121U	0.0114U	0.0121U	0.0121U	0.0121U
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U
BENZO(K)FLUORANTHENE	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U
BENZOIC ACID									
BENZYL ALCOHOL									
BIPHENYL									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE									
BUTYL BENZYL PHTHALATE									
CARBAZOLE									
CHRYSENE	0.101U	0.101U	0.101U	0.101U	0.101U	0.101U	0.101U	0.101U	0.101U
DIBENZ(A,H)ANTHRACENE		0.0201U	0.0201U	0.0201U	0.0201U	0.0201U	0.0201U	0.0201U	0.0201U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)	0.0201U								
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLOURENE									
FLUORANTHENE	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U
FLUORENE	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U	0.141U
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U
ISOPHORONE									
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PHENANTHRENE	0.429U	0.429U	0.429U	0.429U	0.429U	0.429U	0.429U	0.429U	0.429U
PHENOL									
PYRENE		0.181U	0.181U	0.181U	0.181U	0.181U	0.181U	0.181U	0.181U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	7-18AR	7-22AR	7-26AR	7-29PR	7-4AR	8-11AR	8-16AR	8-22AR	8-3AR
SAMPLE	7-18AR	7-22AR	7-26AR	7-29PR	7-4AR	8-11AR	8-16AR	8-22AR	8-3AR
DEPTH (FT)									
DATE	7/19/1993	7/23/1993	7/27/1993	7/30/1993	7/5/1993	8/12/1993	8/17/1993	8/23/1993	8/4/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DIMETHYLNAPHTHALENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE									
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL-PHENYLETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER									
4-METHYLPHENOL									
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	1.21U	1.21U	1.21U	1.21U	1.21U	1.1U	1.21U	1.21U	1.21U
ACENAPHTHYLENE	1.54U	1.54U	1.54U	1.54U	1.54U	1.4U	1.54U	1.54U	1.54U
ANTHRACENE	0.442U	0.442U	0.442U	0.442U	0.442U	0.403U	0.442U	0.442U	0.442U
BENZO(A)ANTHRACENE	0.00871U	**0.0438**	0.00871U	0.00871U	0.00871U	0.00795U	0.00871U	0.00871U	0.00871U
BENZO(A)PYRENE	0.0154U	**0.0435**	0.0154U	0.0154U	0.0154U	0.014U	0.0154U	0.0154U	0.0154U
BENZO(B)FLUORANTHENE	0.0121U	**0.0274**	0.0121U	0.0121U	0.0121U	0.011U	0.0121U	0.0121U	0.0114U
BENZO(B,K)FLUORANTHENE									
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U	0.0466U	0.0509U	0.0509U	0.0509U
BENZO(K)FLUORANTHENE	0.0114U	**0.0292**	0.0114U	0.0114U	0.0114U	0.0104U	0.0114U	0.0114U	0.0114U
BENZOIC ACID									
BENZYL ALCOHOL									
BIPHENYL									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE									
BUTYL BENZYL PHTHALATE									
CARBAZOLE									
CHRYSENE	0.101U	**0.138**	0.101U	0.101U	0.101U	0.0915U	0.101U	0.101U	0.101U
DIBENZ(A,H)ANTHRACENE	0.0201U	**0.0229**	0.0201U	0.0201U	0.0201U	0.0183U	0.0201U	0.0201U	0.0201U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLOURENE									
FLUORANTHENE	0.141U	**0.215**	0.141U	0.141U	0.141U	0.128U	0.141U	0.141U	0.141U
FLUORENE	0.141U	0.141U	0.141U	0.141U	0.141U	0.128U	0.141U	0.141U	0.141U
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	0.0288U	**0.0702**	0.0288U	0.0288U	0.0288U	0.0262U	0.0288U	0.0288U	0.0288U
ISOPHORONE									
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PHENANTHRENE	0.429U	0.429U	0.429U	0.429U	0.429U	0.39U	0.429U	0.429U	0.429U
PHENOL									
PYRENE	0.181U	**0.343**	0.181U	0.181U	0.181U	0.165U	0.181U	0.181U	0.181U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	8-6PR	9-1AR	9-5AR	A1-2	A30	A3-2	AA160	AA160	AA25
SAMPLE	8-6PR	9-1AR	9-5AR	A1-2	A12269	A3-2	A12275	B12236	A11730
DEPTH (FT)				0-2		0-2	1-1		
DATE	8/7/1993	9/2/1993	9/7/1993	6/1/2002	9/27/1991	6/1/2002	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DIMETHYLNAPHTHALENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE				0.33U		0.33U			
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL-PHENYLETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER									
4-METHYLPHENOL									
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	1.21U	1.21U	1.21U	0.33U	5.2U	0.33U	6U	**2.8J**	5.1U
ACENAPHTHYLENE	1.54U	1.54U	1.54U	0.33U	5.2U	0.33U	6U	**1.6J**	5.1U
ANTHRACENE	0.442U	0.442U	0.442U	0.33U	**2.7J**	0.33U	6U	**36**	5.1U
BENZO(A)ANTHRACENE	0.00871U	0.00871U	0.00871U	0.33U	5.2U		6U	5.1U	5.1U
BENZO(A)PYRENE	0.0154U	0.0154U	0.0154U	0.33U	5.2U	0.33U	6U	5.1U	5.1U
BENZO(B)FLUORANTHENE	0.0121U	0.0121U	0.0121U		5.2U		6U	5.1U	5.1U
BENZO(B,K)FLUORANTHENE				0.33U		0.33U			
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	0.0509U	0.0509U	0.0509U	0.33U	5.2U	0.33U	6U	5.1U	5.1U
BENZO(K)FLUORANTHENE	0.0114U	0.0114U	0.0114U		5.2U		6U	5.1U	5.1U
BENZOIC ACID									
BENZYL ALCOHOL									
BIPHENYL									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE									
BUTYL BENZYL PHTHALATE									
CARBAZOLE					5.2U		6U	**41**	5.1U
CHRYSENE	0.101U	0.101U	0.101U	0.33U	5.2U	0.33U	6U	5.1U	**3.3J**
DIBENZ(A,H)ANTHRACENE	0.0201U	0.0201U	0.0201U		5.2U		6U	5.1U	5.1U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLOURENE									
FLUORANTHENE	0.141U	0.141U	0.141U	0.33U	**4.7J**	0.33U	6U	**63**	5.1U
FLUORENE	0.141U	0.141U	0.141U	0.33U	5.2U	0.33U	6U	5.1U	5.1U
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	0.0288U	0.0288U	0.0288U	0.33U	5.2U	0.33U	6U	5.1U	5.1U
ISOPHORONE									
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PHENANTHRENE	0.429U	0.181U	0.429U	0.33U	**2.2J**	0.33U	6U	**24**	**1.3J**
PHENOL									
PYRENE	0.181U		0.181U	0.33U	**4.5J**	0.33U	6U	**47**	5.1U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	AA95	B130	BC-1	BC-2	C2-2	C3-1	C3-2	CP-1	D50
SAMPLE	11731	A12356	BC-1	BC-2	C2-2	C3-1	C3-2	A12115	12360
DEPTH (FT)					0-2	0-2	0-2	0-0.5	
DATE	9/27/1991	9/27/1991	2/1/1993	2/1/1993	6/1/2002	6/1/2002	6/1/2002	7/31/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DIMETHYLNAPHTHALENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE					0.67U	0.67U	0.67U		
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL-PHENYLETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER									
4-METHYLPHENOL									
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	5.1U	5.1U	3.62U	2.41U	0.67U	0.67U	0.67U	5.3U	5.1U
ACENAPHTHYLENE	5.1U	5.1U	4.62U	3.08U	0.67U	0.67U	0.67U	5.3U	5.1U
ANTHRACENE	5.1U	5.1U	1.33U	0.884U	0.67U	0.67U	0.67U	5.3U	5.1U
BENZO(A)ANTHRACENE	5.1U	5.1U	**0.116**	0.0174U		0.67U	0.67U	5.3U	5.1U
BENZO(A)PYRENE	5.1U	5.1U	**0.122**	**0.0566**	0.67U	0.67U	0.67U	5.3U	**4.2J**
BENZO(B)FLUORANTHENE	5.1U	5.1U	**0.108**	0.0241U				5.3U	5.1U
BENZO(B,K)FLUORANTHENE					0.67U	0.67U	0.67U		
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	5.1U	5.1U	**0.374**	0.102U	0.67U	0.67U	0.67U	5.3U	5.1U
BENZO(K)FLUORANTHENE	5.1U	5.1U	**0.228**	0.0228U				5.3U	5.1U
BENZOIC ACID									
BENZYL ALCOHOL									
BIPHENYL									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE									
BUTYL BENZYL PHTHALATE									
CARBAZOLE	5.1U	5.1U						5.3U	5.1U
CHRYSENE	5.1U	5.1U	0.302U	0.201U	0.67U	0.67U	0.67U	5.3U	5.1U
DIBENZ(A,H)ANTHRACENE	5.1U	5.1U	0.0603U	0.0402U				5.3U	5.1U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLOURENE									
FLUORANTHENE	5.1U	5.1U	0.422U	0.281U	0.67U	0.67U	0.67U	**1.6J**	5.1U
FLUORENE	5.1U	5.1U	0.422U	0.281U	0.67U	0.67U	0.67U	5.3U	5.1U
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	5.1U	5.1U	**0.124**	0.0576U	0.67U	0.67U	0.67U	5.3U	5.1U
ISOPHORONE									
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PHENANTHRENE	5.1U	5.1U	1.29U	0.858U	0.67U	0.67U	0.67U	5.3U	5.1U
PHENOL									
PYRENE	**1.5J**	5.1U	0.543U	0.362U	0.67U	0.67U	0.67U	**2.4J**	5.1U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	G(-20)	G75	I(-20)	I11	I130	K130	K90	L(-20)	L10
SAMPLE	12240	A12270	12148	I11B	12362	12359	12361	A11735	L10B
DEPTH (FT)				1-2.5					1-2
DATE	9/27/1991	9/27/1991	9/27/1991	4/1/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/5/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DIMETHYLNAPHTHALENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE				10U					2.5U
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL-PHENYLETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER									
4-METHYLPHENOL									
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	5.4U	5.1U	5.8U	10U	52U	5U	5.2U	5.7U	**7.1**
ACENAPHTHYLENE	5.4U	5.1U	5.8U	**13**	52U	5U	5.2U	5.7U	**9.7**
ANTHRACENE	5.4U	5.1U	5.8U	**88**	52U	5U	**7**	5.7U	**3.4**
BENZO(A)ANTHRACENE	5.4U	5.1U	5.8U	**14**	52U	5U	5.2U	5.7U	**3**
BENZO(A)PYRENE	**1.5J**	5.1U	5.8U	10U	52U	5U	5.2U	5.7U	2.5U
BENZO(B)FLUORANTHENE	5.4U	5.1U	5.8U		52U	5U	5.2U	5.7U	
BENZO(B,K)FLUORANTHENE				**22**					5U
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	5.4U	5.1U	5.8U	10U	52U	5U	5.2U	5.7U	2.5U
BENZO(K)FLUORANTHENE	5.4U	5.1U	5.8U		52U	5U	5.2U	5.7U	
BENZOIC ACID									
BENZYL ALCOHOL									
BIPHENYL									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE									
BUTYL BENZYL PHTHALATE									
CARBAZOLE	5.4U	5.1U	5.8U		52U	5U	5.2U	5.7U	
CHRYSENE	**1J**	5.1U	**1.8J**	**11**	52U	5U	5.2U	5.7U	2.5U
DIBENZ(A,H)ANTHRACENE	5.4U	5.1U	5.8U		52U	5U	5.2U	5.7U	
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLOURENE									
FLUORANTHENE	5.4U	5.1U	5.8U	**73**	52U	5U	5.2U	5.7U	**8.9**
FLUORENE	5.4U	5.1U	5.8U	**57**	52U	5U	5.2U	5.7U	**17**
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	5.4U	5.1U	5.8U	20U	52U	5U	5.2U	5.7U	5U
ISOPHORONE									
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PHENANTHRENE	5.4U	5.1U	5.8U	**151**	52U	5U	5.2U	5.7U	**6.6**
PHENOL									
PYRENE	5.4U	5.1U	5.8U	**24**	52U	5U	5.2U	5.7U	**7.7**

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	LT-1	LT-2	LT-3	MG-1	Q165	Q25	Q25	Q3	Q9
SAMPLE	A12117	A12118	A12119	A12124	A12267	12268	A11684	Q3A	Q9B
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5				1-2	1-2
DATE	7/31/1991	7/31/1991	7/31/1991	7/31/1991	9/27/1991	9/27/1991	9/27/1991	4/2/1996	4/4/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE									
1,2-DICHLOROBENZENE									
1,3-DICHLOROBENZENE									
1,4-DICHLOROBENZENE									
1-METHYLNAPHTHALENE									
2,3,4,5-TETRACHLOROPHENOL									
2,3,4-TRICHLOROPHENOL									
2,3,5,6-TETRACHLOROPHENOL									
2,3,6-TRICHLOROPHENOL									
2,4,5-TRICHLOROPHENOL									
2,4,6-TRICHLOROPHENOL									
2,4-DICHLOROPHENOL									
2,4-DIMETHYLPHENOL									
2,4-DINITROPHENOL									
2,4-DINITROTOLUENE									
2,6-DIMETHYLNAPHTHALENE									
2,6-DINITROTOLUENE									
2-CHLORONAPHTHALENE									
2-CHLOROPHENOL									
2-METHYLNAPHTHALENE								0.33U	5U
2-METHYLPHENOL									
2-NITROANILINE									
2-NITROPHENOL									
3,3'-DICHLOROBENZIDINE									
3-NITROANILINE									
4,6-DINITRO-2-METHYLPHENOL									
4-BROMOPHENYL-PHENYLETHER									
4-CHLORO-3-METHYLPHENOL									
4-CHLOROANILINE									
4-CHLOROPHENOL									
4-CHLOROPHENYL-PHENYLETHER									
4-METHYLPHENOL									
4-METHYLPHENOL/3-METHYLPHENOL									
4-NITROANILINE									
4-NITROPHENOL									
ACENAPHTHENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	**6.7**
ACENAPHTHYLENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	
ANTHRACENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	5U
BENZO(A)ANTHRACENE	5.1U	5U	5U	5.6U	5.2U	**2.9J**	5.2U	0.33U	5U
BENZO(A)PYRENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	**26**
BENZO(B)FLUORANTHENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U		
BENZO(B,K)FLUORANTHENE								0.66U	**36**
BENZO(E)PYRENE									
BENZO(G,H,I)PERYLENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	5U
BENZO(K)FLUORANTHENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U		
BENZOIC ACID									
BENZYL ALCOHOL									
BIPHENYL									
BIS(2-CHLOROETHOXY)METHANE									
BIS(2-CHLOROETHYL)ETHER									
BIS(2-CHLOROISOPROPYL)ETHER									
BIS(2-ETHYLHEXYL)PHTHALATE									
BUTYL BENZYL PHTHALATE									
CARBAZOLE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U		
CHRYSENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	**16**
DIBENZ(A,H)ANTHRACENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U		
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)									
DIBENZOFURAN									
DIETHYL PHTHALATE									
DIMETHYL PHTHALATE									
DI-N-BUTYL PHTHALATE									
DI-N-OCTYL PHTHALATE									
FLOURENE									
FLUORANTHENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	**31**
FLUORENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	**5.8**
HEXACHLOROBENZENE									
HEXACHLOROBUTADIENE									
HEXACHLOROCYCLOPENTADIENE									
HEXACHLOROETHANE									
INDENO(1,2,3-CD)PYRENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.66U	10U
ISOPHORONE									
NITROBENZENE									
N-NITROSODI-N-PROPYLAMINE									
N-NITROSODIPHENYLAMINE									
PHENANTHRENE	5.1U	5U	5U	5.6U	**2.1J**	5.4U	5.2U	0.33U	5U
PHENOL									
PYRENE	5.1U	5U	5U	5.6U	5.2U	5.4U	5.2U	0.33U	**31**

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	Q95	RR-SO-4	RS-1	S-1	S-10	S-10	S-11	S-15
SAMPLE	B12244	HC-307	A11644	S-1	S-10	S-10A	S-11	S-15
DEPTH (FT)		0.8-1.6	0-0.5	2-2	1-1.5	2-2	1-1.5	3.5-7
DATE	9/27/1991	2/26/1986	9/27/1991	11/16/1992	12/15/1992	12/23/1992	12/15/1992	12/17/1992
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
1-METHYLNAPHTHALENE	10.31U							
2,3,4,5-TETRACHLOROPHENOL								
2,3,4-TRICHLOROPHENOL								
2,3,5,6-TETRACHLOROPHENOL								
2,3,6-TRICHLOROPHENOL								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DIMETHYLNAPHTHALENE	10.31U							
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLNAPHTHALENE	10.31U	0.66U						
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL-PHENYLETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENOL								
4-CHLOROPHENYL-PHENYLETHER								
4-METHYLPHENOL								
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
ACENAPHTHENE	5.1U		27U	1.21U	1.21U	1.21U	1.21U	1.21U
ACENAPHTHYLENE	5.1U		27U	1.54U	1.54U	1.54U	1.54U	1.54U
ANTHRACENE	5.1U	0.66U	27U	0.442U	0.442U	0.442U	0.442U	0.442U
BENZO(A)ANTHRACENE	5.1U		27U	**0.0158**	**0.0572**	**0.0101**	0.00871U	0.00871U
BENZO(A)PYRENE	5.1U		27U	0.0154U	0.0154U	0.0154U	0.0154U	0.0154U
BENZO(B)FLUORANTHENE	5.1U		27U	0.0121U	0.0121U	0.0121U	0.0121U	0.0121U
BENZO(B,K)FLUORANTHENE								
BENZO(E)PYRENE	20.62U							
BENZO(G,H,I)PERYLENE	5.1U		27U	0.0509U	0.0509U	0.0509U	0.0509U	0.0509U
BENZO(K)FLUORANTHENE	5.1U		27U	0.0114U	0.0114U	0.0114U	0.0114U	0.0114U
BENZOIC ACID								
BENZYL ALCOHOL								
BIPHENYL	10.31U							
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL)ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYL BENZYL PHTHALATE								
CARBAZOLE	5.1U		27U					
CHRYSENE	5.1U		27U	0.101U	0.101U	0.101U	0.101U	0.101U
DIBENZ(A,H)ANTHRACENE	5.1U		27U	0.0201U	0.0201U		0.0201U	0.0201U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)						**0.0234**		
DIBENZOFURAN	10.31U							
DIETHYL PHTHALATE		**0.21JB**						
DIMETHYL PHTHALATE								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE		0.66U						
FLOURENE		0.66U						
FLUORANTHENE	5.1U		27U	0.141U	0.141U	0.141U	0.141U	0.141U
FLUORENE	5.1U		27U	0.141U	0.141U	0.141U	0.141U	0.141U
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
INDENO(1,2,3-CD)PYRENE	5.1U		27U	0.0288U	0.0288U	0.0288U	0.0288U	0.0288U
ISOPHORONE								
NITROBENZENE								
N-NITROSODI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE		0.66U						
PHENANTHRENE	5.1U	0.66U	27U	0.429U	0.429U	0.429U	0.429U	0.429U
PHENOL								
PYRENE	5.1U		**46**	0.181U	**0.231**	0.181U	0.181U	0.181U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	S165	S-2	S25	S25	S-7	S-7	S-8	S-8
SAMPLE	A11708	S-2	A11723	B11712	S-7	S-7A	S-8	S-8A
DEPTH (FT)		1-1	1-1		1-1	2-2	2-2	2-2
DATE	9/27/1991	11/16/1992	9/27/1991	9/27/1991	12/8/1992	12/23/1992	12/9/1992	12/23/1992
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE								
1,2-DICHLOROBENZENE								
1,3-DICHLOROBENZENE								
1,4-DICHLOROBENZENE								
1-METHYLNAPHTHALENE								
2,3,4,5-TETRACHLOROPHENOL								
2,3,4-TRICHLOROPHENOL								
2,3,5,6-TETRACHLOROPHENOL								
2,3,6-TRICHLOROPHENOL								
2,4,5-TRICHLOROPHENOL								
2,4,6-TRICHLOROPHENOL								
2,4-DICHLOROPHENOL								
2,4-DIMETHYLPHENOL								
2,4-DINITROPHENOL								
2,4-DINITROTOLUENE								
2,6-DIMETHYLNAPHTHALENE								
2,6-DINITROTOLUENE								
2-CHLORONAPHTHALENE								
2-CHLOROPHENOL								
2-METHYLNAPHTHALENE								
2-METHYLPHENOL								
2-NITROANILINE								
2-NITROPHENOL								
3,3'-DICHLOROBENZIDINE								
3-NITROANILINE								
4,6-DINITRO-2-METHYLPHENOL								
4-BROMOPHENYL-PHENYLETHER								
4-CHLORO-3-METHYLPHENOL								
4-CHLOROANILINE								
4-CHLOROPHENOL								
4-CHLOROPHENYL-PHENYLETHER								
4-METHYLPHENOL								
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE								
4-NITROPHENOL								
ACENAPHTHENE	5.2U	1.21U	5.1U	5.2U	1.21U	1.21U	1.21U	1.21U
ACENAPHTHYLENE	5.2U	1.54U	5.1U	5.2U	1.54U	1.54U	1.54U	1.54U
ANTHRACENE	5.2U	0.442U	5.1U	**24**	0.442U	0.422U	0.442U	0.422U
BENZO(A)ANTHRACENE	**33**	**0.0108**	5.1U	5.2U	0.00871U	0.00871U	0.00871U	**0.0107**
BENZO(A)PYRENE	5.2U	0.0154U	5.1U	5.2U	0.0154U	0.0154U	0.0154U	0.0154U
BENZO(B)FLUORANTHENE	5.2U	0.0121U	5.1U	5.2U	0.0121U	0.0121U	0.0121U	0.0121U
BENZO(B,K)FLUORANTHENE								
BENZO(E)PYRENE								
BENZO(G,H,I)PERYLENE	5.2U	0.0509U	5.1U	5.2U	0.0509U	0.0509U	0.0509U	0.0509U
BENZO(K)FLUORANTHENE	5.2U	0.0114U	5.1U	5.2U	0.0114U	0.0114U	0.0114U	0.0114U
BENZOIC ACID								
BENZYL ALCOHOL								
BIPHENYL								
BIS(2-CHLOROETHOXY)METHANE								
BIS(2-CHLOROETHYL)ETHER								
BIS(2-CHLOROISOPROPYL)ETHER								
BIS(2-ETHYLHEXYL)PHTHALATE								
BUTYL BENZYL PHTHALATE								
CARBAZOLE	5.2U		5.1U	**29**				
CHRYSENE	5.2U	0.101U	5.1U	5.2U	0.101U	0.101U	0.101U	0.101U
DIBENZ(A,H)ANTHRACENE	5.2U	0.0201U	5.1U	5.2U	0.0201U	0.0201U	0.0201U	**0.0234**
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)								
DIBENZOFURAN								
DIETHYL PHTHALATE								
DIMETHYL PHTHALATE								
DI-N-BUTYL PHTHALATE								
DI-N-OCTYL PHTHALATE								
FLOURENE								
FLUORANTHENE	**19**	0.141U	5.1U	5.2U	0.141U	0.141U	0.141U	0.141U
FLUORENE	5.2U	0.141U	5.1U	**1.5J**	0.141U	0.141U	0.141U	0.141U
HEXACHLOROBENZENE								
HEXACHLOROBUTADIENE								
HEXACHLOROCYCLOPENTADIENE								
HEXACHLOROETHANE								
INDENO(1,2,3-CD)PYRENE	5.2U	0.0288U	5.1U	5.2U	0.0288U	0.0288U	0.0288U	0.0288U
ISOPHORONE								
NITROBENZENE								
N-NITROSODI-N-PROPYLAMINE								
N-NITROSODIPHENYLAMINE								
PHENANTHRENE	5.2U	0.429U	5.1U	5.2U	0.429U	0.429U	0.429U	0.429U
PHENOL								
PYRENE	**2.9J**	0.181U	5.1U	**39**	0.181U	0.181U	0.181U	0.181U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	S-9	S95	SL-1	SS-10-91	SS-1-89	SS-1-91	SS-2-89	SS-2-91
SAMPLE	S-9	11721	A12113	A8359	KPP-SS-1	A12114	KPP-SS-2	A12116
DEPTH (FT)	2.5-2.5	1-1	0-0.5	0-0.5	0-0.25	0-0.5	0-1	0-0.5
DATE	12/9/1992	9/27/1991	7/31/1991	9/27/1991	11/15/1988	7/31/1991	11/15/1988	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE					0.41U		1100U	
1,2-DICHLOROBENZENE					0.41U		1100U	
1,3-DICHLOROBENZENE					0.41U		1100U	
1,4-DICHLOROBENZENE					0.41U		1100U	
1-METHYLNAPHTHALENE								
2,3,4,5-TETRACHLOROPHENOL								
2,3,4-TRICHLOROPHENOL								
2,3,5,6-TETRACHLOROPHENOL								
2,3,6-TRICHLOROPHENOL								
2,4,5-TRICHLOROPHENOL					2U		5400U	
2,4,6-TRICHLOROPHENOL					0.41U		1100U	
2,4-DICHLOROPHENOL					0.41U		1100U	
2,4-DIMETHYLPHENOL					0.41U		1100U	
2,4-DINITROPHENOL					2U		5400U	
2,4-DINITROTOLUENE					0.41U		1100U	
2,6-DIMETHYLNAPHTHALENE								
2,6-DINITROTOLUENE					0.41U		1100U	
2-CHLORONAPHTHALENE					0.41U		1100U	
2-CHLOROPHENOL					0.41U		1100U	
2-METHYLNAPHTHALENE					0.41U		1100U	
2-METHYLPHENOL					0.41U		1100U	
2-NITROANILINE					2U		5400U	
2-NITROPHENOL					0.41U		1100U	
3,3'-DICHLOROBENZIDINE					0.82U		2200U	
3-NITROANILINE					2U		5400U	
4,6-DINITRO-2-METHYLPHENOL					2U		5400U	
4-BROMOPHENYL-PHENYLETHER					0.41U		1100U	
4-CHLORO-3-METHYLPHENOL					0.41U		1100U	
4-CHLOROANILINE					0.41U		1100U	
4-CHLOROPHENOL								
4-CHLOROPHENYL-PHENYLETHER					0.41U		1100U	
4-METHYLPHENOL					0.41U		1100U	
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE					2U		5400U	
4-NITROPHENOL					2U		5400U	
ACENAPHTHENE	1.21U	5.7U	57U	**12J**	0.41U	51U	1100U	5.1U
ACENAPHTHYLENE	1.54U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
ANTHRACENE	0.442U	5.7U	57U	**13J**	0.41U	51U	1100U	5.1U
BENZO(A)ANTHRACENE	0.00871U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
BENZO(A)PYRENE	0.0154U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
BENZO(B)FLUORANTHENE	0.0121U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
BENZO(B,K)FLUORANTHENE								
BENZO(E)PYRENE								
BENZO(G,H,I)PERYLENE	0.0509U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
BENZO(K)FLUORANTHENE	0.0114U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
BENZOIC ACID					2U		5400U	
BENZYL ALCOHOL					0.41U		1100U	
BIPHENYL								
BIS(2-CHLOROETHOXY)METHANE					0.41U		1100U	
BIS(2-CHLOROETHYL)ETHER					0.41U		1100U	
BIS(2-CHLOROISOPROPYL)ETHER					0.41U		1100U	
BIS(2-ETHYLHEXYL)PHTHALATE					0.41U		1100U	
BUTYL BENZYL PHTHALATE					0.41U		1100U	
CARBAZOLE		5.7U	57U	51U		51U		5.1U
CHRYSENE	0.101U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
DIBENZ(A,H)ANTHRACENE		5.7U	57U	51U	0.41U	51U	1100U	5.1U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)	0.0201U							
DIBENZOFURAN					0.41U		1100U	
DIETHYL PHTHALATE					0.41U		1100U	
DIMETHYL PHTHALATE					0.41U		1100U	
DI-N-BUTYL PHTHALATE					0.41U		1100U	
DI-N-OCTYL PHTHALATE					0.41U		1100U	
FLOURENE								
FLUORANTHENE	0.141U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
FLUORENE	0.141U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
HEXACHLOROBENZENE					0.41U		1100U	
HEXACHLOROBUTADIENE					0.41U		1100U	
HEXACHLOROCYCLOPENTADIENE					0.41U		1100U	
HEXACHLOROETHANE					0.41U		1100U	
INDENO(1,2,3-CD)PYRENE	0.0288U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
ISOPHORONE					0.41U		1100U	
NITROBENZENE					0.41U		1100U	
N-NITROSODI-N-PROPYLAMINE					0.41U		1100U	
N-NITROSODIPHENYLAMINE					0.41U		1100U	
PHENANTHRENE	0.429U	5.7U	57U	51U	0.41U	51U	1100U	5.1U
PHENOL					0.41U		1100U	
PYRENE	0.181U	5.7U	57U	51U	0.41U	51U	1100U	5.1U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	SS-3-89	SS-3-91	SS4-02	SS-4-89	SS-4-91	SS5-02	SS-5-89	SS-5-91
SAMPLE	KPP-SS-3	A12128	MCW-SS-4-1	KPP-SS-4	A8354	MCW-SS-5-1	KPP-SS-5	A8355
DEPTH (FT)	0-0.25	0-0.5	0-0.5	0-0.25	0-0.5	0-0.5	0-0	0-0.5
DATE	11/15/1988	7/31/1991	4/23/2002	11/15/1988	9/27/1991	4/23/2002	11/15/1988	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	4.4U			0.42U			4.1U	
1,2-DICHLOROBENZENE	4.4U			0.42U			4.1U	
1,3-DICHLOROBENZENE	4.4U			0.42U			4.1U	
1,4-DICHLOROBENZENE	4.4U			0.42U			4.1U	
1-METHYLNAPHTHALENE								
2,3,4,5-TETRACHLOROPHENOL								
2,3,4-TRICHLOROPHENOL								
2,3,5,6-TETRACHLOROPHENOL								
2,3,6-TRICHLOROPHENOL								
2,4,5-TRICHLOROPHENOL	22U			2.1U			21U	
2,4,6-TRICHLOROPHENOL	4.4U			0.42U			4.1U	
2,4-DICHLOROPHENOL	4.4U			0.42U			4.1U	
2,4-DIMETHYLPHENOL	4.4U			0.42U			4.1U	
2,4-DINITROPHENOL	22U			2.1U			21U	
2,4-DINITROTOLUENE	4.4U			0.42U			4.1U	
2,6-DIMETHYLNAPHTHALENE								
2,6-DINITROTOLUENE	4.4U			0.42U			4.1U	
2-CHLORONAPHTHALENE	4.4U			0.42U			4.1U	
2-CHLOROPHENOL	4.4U			0.42U			4.1U	
2-METHYLNAPHTHALENE	4.4U		0.33U	0.42U		0.33U	4.1U	
2-METHYLPHENOL	4.4U			0.42U			4.1U	
2-NITROANILINE	22U			2.1U			21U	
2-NITROPHENOL	4.4U			0.42U			4.1U	
3,3'-DICHLOROBENZIDINE	8.7U			0.83U			8.3U	
3-NITROANILINE	22U			2.1U			21U	
4,6-DINITRO-2-METHYLPHENOL	22U			2.1U			21U	
4-BROMOPHENYL-PHENYLETHER	4.4U			0.42U			4.1U	
4-CHLORO-3-METHYLPHENOL	4.4U			0.42U			4.1U	
4-CHLOROANILINE	4.4U			0.42U			4.1U	
4-CHLOROPHENOL								
4-CHLOROPHENYL-PHENYLETHER	4.4U			0.42U			4.1U	
4-METHYLPHENOL	4.4U			0.42U			4.1U	
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE	22U			2.1U			21U	
4-NITROPHENOL	22U			2.1U			21U	
ACENAPHTHENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U
ACENAPHTHYLENE	4.4U	5.3U	0.33U	0.42U	**270**	0.33U	4.1U	5.1U
ANTHRACENE	4.4U	5.3U	0.33U	0.42U	**560**	0.33U	4.1U	5.1U
BENZO(A)ANTHRACENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U
BENZO(A)PYRENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	**0.72J**	5.1U
BENZO(B)FLUORANTHENE	4.4U	5.3U		0.42U	52U		4.1U	5.1U
BENZO(B,K)FLUORANTHENE			0.33U			0.33U		
BENZO(E)PYRENE								
BENZO(G,H,I)PERYLENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U
BENZO(K)FLUORANTHENE	4.4U	5.3U		0.42U	52U		4.1U	5.1U
BENZOIC ACID	22U			2.1U			21U	
BENZYL ALCOHOL	4.4U			0.42U			4.1U	
BIPHENYL								
BIS(2-CHLOROETHOXY)METHANE	4.4U			0.42U			4.1U	
BIS(2-CHLOROETHYL)ETHER	4.4U			0.42U			4.1U	
BIS(2-CHLOROISOPROPYL)ETHER	4.4U			0.42U			4.1U	
BIS(2-ETHYLHEXYL)PHTHALATE	4.4U			0.42U			4.1U	
BUTYL BENZYL PHTHALATE	4.4U			**2.2**			4.1U	
CARBAZOLE		5.3U			52U			5.1U
CHRYSENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U
DIBENZ(A,H)ANTHRACENE	4.4U	5.3U		0.42U	52U		4.1U	5.1U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)			0.33U			0.33U		
DIBENZOFURAN	4.4U			0.42U			4.1U	
DIETHYL PHTHALATE	4.4U			0.42U			4.1U	
DIMETHYL PHTHALATE	4.4U			0.42U			4.1U	
DI-N-BUTYL PHTHALATE	4.4U			0.42U			4.1U	
DI-N-OCTYL PHTHALATE	4.4U			0.42U			4.1U	
FLOURENE								
FLUORANTHENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U
FLUORENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U
HEXACHLOROBENZENE	4.4U			0.42U			4.1U	
HEXACHLOROBUTADIENE	4.4U			0.42U			4.1U	
HEXACHLOROCYCLOPENTADIENE	4.4U			0.42U			4.1U	
HEXACHLOROETHANE	4.4U			0.42U			4.1U	
INDENO(1,2,3-CD)PYRENE	4.4U	5.3U		0.42U	52U		4.1U	5.1U
ISOPHORONE	4.4U			0.42U			4.1U	
NITROBENZENE	4.4U			0.42U			4.1U	
N-NITROSODI-N-PROPYLAMINE	4.4U			0.42U			4.1U	
N-NITROSODIPHENYLAMINE	4.4U			0.42U			4.1U	
PHENANTHRENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U
PHENOL	4.4U			0.42U			4.1U	
PYRENE	4.4U	5.3U	0.33U	0.42U	52U	0.33U	4.1U	5.1U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	SS-6-89	SS-6-91	SS-7-91	SS-8-91	SS-9-91	TA-1	TA-1	TA-4
SAMPLE	KPP-SS-6	A8356	A8357	A8358	A8360	A12125 - TA-1	A12126 - TA-2	A12129
DEPTH (FT)	0-0.25	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
DATE	11/15/1988	9/27/1991	9/27/1991	9/27/1991	9/27/1991	7/31/1991	7/31/1991	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE	1.3U							
1,2-DICHLOROBENZENE	1.3U							
1,3-DICHLOROBENZENE	1.3U							
1,4-DICHLOROBENZENE	1.3U							
1-METHYLNAPHTHALENE								
2,3,4,5-TETRACHLOROPHENOL								
2,3,4-TRICHLOROPHENOL								
2,3,5,6-TETRACHLOROPHENOL								
2,3,6-TRICHLOROPHENOL								
2,4,5-TRICHLOROPHENOL	6.6U							
2,4,6-TRICHLOROPHENOL	1.3U							
2,4-DICHLOROPHENOL	1.3U							
2,4-DIMETHYLPHENOL	1.3U							
2,4-DINITROPHENOL	6.6U							
2,4-DINITROTOLUENE	1.3U							
2,6-DIMETHYLNAPHTHALENE								
2,6-DINITROTOLUENE	1.3U							
2-CHLORONAPHTHALENE	1.3U							
2-CHLOROPHENOL	1.3U							
2-METHYLNAPHTHALENE	1.3U							
2-METHYLPHENOL	1.3U							
2-NITROANILINE	6.6U							
2-NITROPHENOL	1.3U							
3,3'-DICHLOROBENZIDINE	2.6U							
3-NITROANILINE	6.6U							
4,6-DINITRO-2-METHYLPHENOL	6.6U							
4-BROMOPHENYL-PHENYLETHER	1.3U							
4-CHLORO-3-METHYLPHENOL	1.3U							
4-CHLOROANILINE	1.3U							
4-CHLOROPHENOL								
4-CHLOROPHENYL-PHENYLETHER	1.3U							
4-METHYLPHENOL	1.3U							
4-METHYLPHENOL/3-METHYLPHENOL								
4-NITROANILINE	6.6U							
4-NITROPHENOL	6.6U							
ACENAPHTHENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
ACENAPHTHYLENE	1.3U	**360E**	5.1U	5.1U	52U	5.1U	5.1U	5.3U
ANTHRACENE	1.3U	**620E**	5.1U	5.1U	52U	5.1U	5.1U	5.3U
BENZO(A)ANTHRACENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
BENZO(A)PYRENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
BENZO(B)FLUORANTHENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
BENZO(B,K)FLUORANTHENE								
BENZO(E)PYRENE								
BENZO(G,H,I)PERYLENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
BENZO(K)FLUORANTHENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
BENZOIC ACID	6.6U							
BENZYL ALCOHOL	1.3U							
BIPHENYL								
BIS(2-CHLOROETHOXY)METHANE	1.3U							
BIS(2-CHLOROETHYL)ETHER	1.3U							
BIS(2-CHLOROISOPROPYL)ETHER	1.3U							
BIS(2-ETHYLHEXYL)PHTHALATE	1.3U							
BUTYL BENZYL PHTHALATE	1.3U							
CARBAZOLE		5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
CHRYSENE	1.3U	5.6U	5.1U	5.1U	**98**	5.1U	5.1U	5.3U
DIBENZ(A,H)ANTHRACENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)								
DIBENZOFURAN	1.3U							
DIETHYL PHTHALATE	1.3U							
DIMETHYL PHTHALATE	1.3U							
DI-N-BUTYL PHTHALATE	1.3U							
DI-N-OCTYL PHTHALATE	1.3U							
FLOURENE								
FLUORANTHENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
FLUORENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
HEXACHLOROBENZENE	1.3U							
HEXACHLOROBUTADIENE	1.3U							
HEXACHLOROCYCLOPENTADIENE	1.3U							
HEXACHLOROETHANE	1.3U							
INDENO(1,2,3-CD)PYRENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
ISOPHORONE	1.3U							
NITROBENZENE	1.3U							
N-NITROSODI-N-PROPYLAMINE	1.3U							
N-NITROSODIPHENYLAMINE	1.3U							
PHENANTHRENE	1.3U	5.6U	5.1U	5.1U	52U	5.1U	5.1U	5.3U
PHENOL	1.3U							
PYRENE	1.3U	5.6U	5.1U	5.1U	**14**	5.1U	5.1U	5.3U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	TP-106	TP-107	TP-108	TP-109	TP-109	TP-110	TP-111	TP-112	TP-113	TP-114
SAMPLE	TP-106	TP-107A	TP-108	TP-109	96-52982	TP-110	TP-111A	TP-112	TP-113	TP-114
DEPTH (FT)	0-2	0-2	0-2	0-2	0.25-0.25	0-2	0-2	0-2	0-2	0-2
DATE	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996	9/4/1996
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE										
1,2-DICHLOROBENZENE										
1,3-DICHLOROBENZENE										
1,4-DICHLOROBENZENE										
1-METHYLNAPHTHALENE										
2,3,4,5-TETRACHLOROPHENOL	**0.0036J**	0.0071U	**0.0078**	**0.0075**		**0.013**	0.0071U	0.0068U	0.0066U	**0.0062J**
2,3,4-TRICHLOROPHENOL	0.007U	0.0071U	0.0069U	0.0069U		0.0095U	0.0071U	0.0068U	0.0066U	0.0067U
2,3,5,6-TETRACHLOROPHENOL	**0.0079Y**	0.0071U	**0.026**	**0.045**		**0.034**	0.0071U	0.0068U	0.0066U	**0.017**
2,3,6-TRICHLOROPHENOL	0.007U		0.0069U	0.0069U		0.0095U	0.0071U	0.0068U	0.0066U	0.0067U
2,4,5-TRICHLOROPHENOL	**0.015Y**	0.0071U	0.0069U	0.0069U	0.33U	**0.018Y**	0.0071U	0.0068U	0.0066U	0.0067U
2,4,6-TRICHLOROPHENOL	0.007U	0.0071U	0.0069U	0.0069U	0.33U	0.0095U	0.0071U	0.0068U	0.0066U	0.0067U
2,4-DICHLOROPHENOL					0.33U					
2,4-DIMETHYLPHENOL					0.33U					
2,4-DINITROPHENOL					1.7U					
2,4-DINITROTOLUENE										
2,6-DIMETHYLNAPHTHALENE										
2,6-DINITROTOLUENE										
2-CHLORONAPHTHALENE										
2-CHLOROPHENOL					0.33U					
2-METHYLNAPHTHALENE										
2-METHYLPHENOL					0.33U					
2-NITROANILINE										
2-NITROPHENOL					0.33U					
3,3'-DICHLOROBENZIDINE										
3-NITROANILINE										
4,6-DINITRO-2-METHYLPHENOL					1.7U					
4-BROMOPHENYL-PHENYLETHER										
4-CHLORO-3-METHYLPHENOL					0.33U					
4-CHLOROANILINE										
4-CHLOROPHENOL					0.33U					
4-CHLOROPHENYL-PHENYLETHER										
4-METHYLPHENOL										
4-METHYLPHENOL/3-METHYLPHENOL					0.33U					
4-NITROANILINE										
4-NITROPHENOL					1.7U					
ACENAPHTHENE										
ACENAPHTHYLENE										
ANTHRACENE										
BENZO(A)ANTHRACENE										
BENZO(A)PYRENE										
BENZO(B)FLUORANTHENE										
BENZO(B,K)FLUORANTHENE										
BENZO(E)PYRENE										
BENZO(G,H,I)PERYLENE										
BENZO(K)FLUORANTHENE										
BENZOIC ACID										
BENZYL ALCOHOL										
BIPHENYL										
BIS(2-CHLOROETHOXY)METHANE										
BIS(2-CHLOROETHYL)ETHER										
BIS(2-CHLOROISOPROPYL)ETHER										
BIS(2-ETHYLHEXYL)PHTHALATE										
BUTYL BENZYL PHTHALATE										
CARBAZOLE										
CHRYSENE										
DIBENZ(A,H)ANTHRACENE										
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)										
DIBENZOFURAN										
DIETHYL PHTHALATE										
DIMETHYL PHTHALATE										
DI-N-BUTYL PHTHALATE										
DI-N-OCTYL PHTHALATE										
FLOURENE										
FLUORANTHENE										
FLUORENE										
HEXACHLOROBENZENE										
HEXACHLOROBUTADIENE										
HEXACHLOROCYCLOPENTADIENE										
HEXACHLOROETHANE										
INDENO(1,2,3-CD)PYRENE										
ISOPHORONE										
NITROBENZENE										
N-NITROSODI-N-PROPYLAMINE										
N-NITROSODIPHENYLAMINE										
PHENANTHRENE										
PHENOL					0.33U					
PYRENE										

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	TP-115	TP-117	TP-117	TP3-02	U165	U165	U25
SAMPLE	TP-115	TP-117	TP-150	MCW-SS-3-1	U165-S (A11690)	U' 165-SC (A11702)	U25-S (A11691)
DEPTH (FT)	0-2	0-2	0-2	0-0.5	0-0.5	0-0.5	0-0.5
DATE	9/4/1996	9/4/1996	9/4/1996	4/23/2002	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE							
1,2-DICHLOROBENZENE							
1,3-DICHLOROBENZENE							
1,4-DICHLOROBENZENE							
1-METHYLNAPHTHALENE							
2,3,4,5-TETRACHLOROPHENOL	0.0069U	0.0074U	0.0072U				
2,3,4-TRICHLOROPHENOL	0.0069U	0.0074U	0.0072U				
2,3,5,6-TETRACHLOROPHENOL	0.0069U	**0.0076Y**	0.0072U				
2,3,6-TRICHLOROPHENOL	0.0069U	0.0074U	0.0072U				
2,4,5-TRICHLOROPHENOL	0.0069U	0.0074U	0.0072U				
2,4,6-TRICHLOROPHENOL	0.0069U	0.0074U	0.0072U				
2,4-DICHLOROPHENOL							
2,4-DIMETHYLPHENOL							
2,4-DINITROPHENOL							
2,4-DINITROTOLUENE							
2,6-DIMETHYLNAPHTHALENE							
2,6-DINITROTOLUENE							
2-CHLORONAPHTHALENE							
2-CHLOROPHENOL							
2-METHYLNAPHTHALENE				0.33U			
2-METHYLPHENOL							
2-NITROANILINE							
2-NITROPHENOL							
3,3'-DICHLOROBENZIDINE							
3-NITROANILINE							
4,6-DINITRO-2-METHYLPHENOL							
4-BROMOPHENYL-PHENYLETHER							
4-CHLORO-3-METHYLPHENOL							
4-CHLOROANILINE							
4-CHLOROPHENOL							
4-CHLOROPHENYL-PHENYLETHER							
4-METHYLPHENOL							
4-METHYLPHENOL/3-METHYLPHENOL							
4-NITROANILINE							
4-NITROPHENOL							
ACENAPHTHENE				0.33U	5.4U	5.2U	5.1U
ACENAPHTHYLENE				0.33U	5.4U	5.2U	5.1U
ANTHRACENE				0.33U	**1.3J**	5.2U	5.1U
BENZO(A)ANTHRACENE				0.33U	5.4U	5.2U	5.1U
BENZO(A)PYRENE				0.33U	5.4U	5.2U	5.1U
BENZO(B)FLUORANTHENE					5.4U	5.2U	5.1U
BENZO(B,K)FLUORANTHENE				0.33U			
BENZO(E)PYRENE							
BENZO(G,H,I)PERYLENE				0.33U	5.4U	5.2U	5.1U
BENZO(K)FLUORANTHENE					5.4U	5.2U	5.1U
BENZOIC ACID							
BENZYL ALCOHOL							
BIPHENYL							
BIS(2-CHLOROETHOXY)METHANE							
BIS(2-CHLOROETHYL)ETHER							
BIS(2-CHLOROISOPROPYL)ETHER							
BIS(2-ETHYLHEXYL)PHTHALATE							
BUTYL BENZYL PHTHALATE							
CARBAZOLE					5.4U	5.2U	5.1U
CHRYSENE				0.33U	**60**	**4.2J**	5.1U
DIBENZ(A,H)ANTHRACENE					5.4U	5.2U	5.1U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)				0.33U			
DIBENZOFURAN							
DIETHYL PHTHALATE							
DIMETHYL PHTHALATE							
DI-N-BUTYL PHTHALATE							
DI-N-OCTYL PHTHALATE							
FLOURENE							
FLUORANTHENE				0.33U	**1.1J**	5.2U	5.1U
FLUORENE				0.33U	5.4U	5.2U	5.1U
HEXACHLOROBENZENE							
HEXACHLOROBUTADIENE							
HEXACHLOROCYCLOPENTADIENE							
HEXACHLOROETHANE							
INDENO(1,2,3-CD)PYRENE					5.4U	5.2U	5.1U
ISOPHORONE							
NITROBENZENE							
N-NITROSODI-N-PROPYLAMINE							
N-NITROSODIPHENYLAMINE							
PHENANTHRENE				0.33U	5.4U	5.2U	5.1U
PHENOL							
PYRENE				0.33U	**1.6J**	5.2U	5.1U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	U25	U25	U95	U95	UT-1	UT-2
SAMPLE	U' 25-SC (A11705)	U25-1 (A11717)	U95-S (A11695)	U' 95-SC (A11701)	A12120	A12121
DEPTH (FT)	0-0.5	1-1	0-0.5	0-0.5	0-0.5	0-0.5
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	7/31/1991	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE						
1,2-DICHLOROBENZENE						
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
1-METHYLNAPHTHALENE						
2,3,4,5-TETRACHLOROPHENOL						
2,3,4-TRICHLOROPHENOL						
2,3,5,6-TETRACHLOROPHENOL						
2,3,6-TRICHLOROPHENOL						
2,4,5-TRICHLOROPHENOL						
2,4,6-TRICHLOROPHENOL						
2,4-DICHLOROPHENOL						
2,4-DIMETHYLPHENOL						
2,4-DINITROPHENOL						
2,4-DINITROTOLUENE						
2,6-DIMETHYLNAPHTHALENE						
2,6-DINITROTOLUENE						
2-CHLORONAPHTHALENE						
2-CHLOROPHENOL						
2-METHYLNAPHTHALENE						
2-METHYLPHENOL						
2-NITROANILINE						
2-NITROPHENOL						
3,3'-DICHLOROBENZIDINE						
3-NITROANILINE						
4,6-DINITRO-2-METHYLPHENOL						
4-BROMOPHENYL-PHENYLETHER						
4-CHLORO-3-METHYLPHENOL						
4-CHLOROANILINE						
4-CHLOROPHENOL						
4-CHLOROPHENYL-PHENYLETHER						
4-METHYLPHENOL						
4-METHYLPHENOL/3-METHYLPHENOL						
4-NITROANILINE						
4-NITROPHENOL						
ACENAPHTHENE	5.2U	5.2U	5.2U	5.1U	51U	5U
ACENAPHTHYLENE	5.2U	5.2U	5.2U	5.1U	51U	5U
ANTHRACENE	5.2U	5.2U	5.2U	5.1U	51U	5U
BENZO(A)ANTHRACENE	5.2U	5.2U	5.2U	**50**	51U	5U
BENZO(A)PYRENE	5.2U	5.2U	5.2U	5.1U	51U	5U
BENZO(B)FLUORANTHENE	5.2U	5.2U	5.2U	5.1U	51U	5U
BENZO(B,K)FLUORANTHENE						
BENZO(E)PYRENE						
BENZO(G,H,I)PERYLENE	5.2U	5.2U	5.2U	5.1U	51U	5U
BENZO(K)FLUORANTHENE	5.2U	5.2U	5.2U	5.1U	51U	5U
BENZOIC ACID						
BENZYL ALCOHOL						
BIPHENYL						
BIS(2-CHLOROETHOXY)METHANE						
BIS(2-CHLOROETHYL)ETHER						
BIS(2-CHLOROISOPROPYL)ETHER						
BIS(2-ETHYLHEXYL)PHTHALATE						
BUTYL BENZYL PHTHALATE						
CARBAZOLE	5.2U	5.2U	5.2U	5.1U	51U	5U
CHRYSENE	5.2U	5.2U	5.2U	5.1U	51U	5U
DIBENZ(A,H)ANTHRACENE	5.2U	5.2U	5.2U	5.1U	51U	5U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)						
DIBENZOFURAN						
DIETHYL PHTHALATE						
DIMETHYL PHTHALATE						
DI-N-BUTYL PHTHALATE						
DI-N-OCTYL PHTHALATE						
FLOURENE						
FLUORANTHENE	5.2U	5.2U	5.2U	**5.3**	51U	5U
FLUORENE	5.2U	5.2U	5.2U	5.1U	51U	5U
HEXACHLOROBENZENE						
HEXACHLOROBUTADIENE						
HEXACHLOROCYCLOPENTADIENE						
HEXACHLOROETHANE						
INDENO(1,2,3-CD)PYRENE	5.2U	5.2U	5.2U	5.1U	51U	5U
ISOPHORONE						
NITROBENZENE						
N-NITROSODI-N-PROPYLAMINE						
N-NITROSODIPHENYLAMINE						
PHENANTHRENE	5.2U	5.2U	5.2U	5.1U	51U	5U
PHENOL						
PYRENE	5.2U	5.2U	5.2U	**2.1J**	51U	5U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	UT-3	UT-4	W165	W165	W165	W25
SAMPLE	A12122	A12123	W165-S (A11689)	W' 165-SC (A11703)	W165-1 (A11728)	W25-S (A11688)
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5	1-1	0-0.5
DATE	7/31/1991	7/31/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE						
1,2-DICHLOROBENZENE						
1,3-DICHLOROBENZENE						
1,4-DICHLOROBENZENE						
1-METHYLNAPHTHALENE						
2,3,4,5-TETRACHLOROPHENOL						
2,3,4-TRICHLOROPHENOL						
2,3,5,6-TETRACHLOROPHENOL						
2,3,6-TRICHLOROPHENOL						
2,4,5-TRICHLOROPHENOL						
2,4,6-TRICHLOROPHENOL						
2,4-DICHLOROPHENOL						
2,4-DIMETHYLPHENOL						
2,4-DINITROPHENOL						
2,4-DINITROTOLUENE						
2,6-DIMETHYLNAPHTHALENE						
2,6-DINITROTOLUENE						
2-CHLORONAPHTHALENE						
2-CHLOROPHENOL						
2-METHYLNAPHTHALENE						
2-METHYLPHENOL						
2-NITROANILINE						
2-NITROPHENOL						
3,3'-DICHLOROBENZIDINE						
3-NITROANILINE						
4,6-DINITRO-2-METHYLPHENOL						
4-BROMOPHENYL-PHENYLETHER						
4-CHLORO-3-METHYLPHENOL						
4-CHLOROANILINE						
4-CHLOROPHENOL						
4-CHLOROPHENYL-PHENYLETHER						
4-METHYLPHENOL						
4-METHYLPHENOL/3-METHYLPHENOL						
4-NITROANILINE						
4-NITROPHENOL						
ACENAPHTHENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
ACENAPHTHYLENE	5.1U	5U		5.5U	5.7U	5.1U
ANTHRACENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
BENZO(A)ANTHRACENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
BENZO(A)PYRENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
BENZO(B)FLUORANTHENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
BENZO(B,K)FLUORANTHENE						
BENZO(E)PYRENE						
BENZO(G,H,I)PERYLENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
BENZO(K)FLUORANTHENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
BENZOIC ACID						
BENZYL ALCOHOL						
BIPHENYL						
BIS(2-CHLOROETHOXY)METHANE						
BIS(2-CHLOROETHYL)ETHER						
BIS(2-CHLOROISOPROPYL)ETHER						
BIS(2-ETHYLHEXYL)PHTHALATE						
BUTYL BENZYL PHTHALATE						
CARBAZOLE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
CHRYSENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
DIBENZ(A,H)ANTHRACENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)						
DIBENZOFURAN						
DIETHYL PHTHALATE						
DIMETHYL PHTHALATE						
DI-N-BUTYL PHTHALATE						
DI-N-OCTYL PHTHALATE						
FLOURENE						
FLUORANTHENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
FLUORENE	5.1U	5U	**1.1J**	5.5U	5.7U	5.1U
HEXACHLOROBENZENE						
HEXACHLOROBUTADIENE						
HEXACHLOROCYCLOPENTADIENE						
HEXACHLOROETHANE						
INDENO(1,2,3-CD)PYRENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U
ISOPHORONE						
NITROBENZENE						
N-NITROSODI-N-PROPYLAMINE						
N-NITROSODIPHENYLAMINE						
PHENANTHRENE	5.1U	5U	**1.3J**	5.5U	5.7U	**1.5J**
PHENOL						
PYRENE	5.1U	5U	5.5U	5.5U	5.7U	5.1U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	W25	W25	W95	W95	WPC
SAMPLE	W' 25-SC (A11713)	W25-1 (11715)	W95-S (A11687)	W' 95-SC (A11700)	WPC
DEPTH (FT)	0-0.5	1-1	0-0.5	0-0.5	
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	10/30/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE					
1,2-DICHLOROBENZENE					
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
1-METHYLNAPHTHALENE					
2,3,4,5-TETRACHLOROPHENOL					
2,3,4-TRICHLOROPHENOL					
2,3,5,6-TETRACHLOROPHENOL					
2,3,6-TRICHLOROPHENOL					
2,4,5-TRICHLOROPHENOL					
2,4,6-TRICHLOROPHENOL					
2,4-DICHLOROPHENOL					
2,4-DIMETHYLPHENOL					
2,4-DINITROPHENOL					
2,4-DINITROTOLUENE					
2,6-DIMETHYLNAPHTHALENE					
2,6-DINITROTOLUENE					
2-CHLORONAPHTHALENE					
2-CHLOROPHENOL					
2-METHYLNAPHTHALENE					
2-METHYLPHENOL					
2-NITROANILINE					
2-NITROPHENOL					
3,3'-DICHLOROBENZIDINE					
3-NITROANILINE					
4,6-DINITRO-2-METHYLPHENOL					
4-BROMOPHENYL-PHENYLETHER					
4-CHLORO-3-METHYLPHENOL					
4-CHLOROANILINE					
4-CHLOROPHENOL					
4-CHLOROPHENYL-PHENYLETHER					
4-METHYLPHENOL					
4-METHYLPHENOL/3-METHYLPHENOL					
4-NITROANILINE					
4-NITROPHENOL					
ACENAPHTHENE	5.1U	6U	5.1U	5.1U	1.21U
ACENAPHTHYLENE	5.1U	6U	5.1U	5.1U	1.54U
ANTHRACENE	5.1U	6U	5.1U	5.1U	0.442U
BENZO(A)ANTHRACENE	5.1U	6U	5.1U	5.1U	**0.0581**
BENZO(A)PYRENE	5.1U	6U	5.1U	5.1U	**0.0848**
BENZO(B)FLUORANTHENE	5.1U	6U	5.1U	5.1U	**0.0564**
BENZO(B,K)FLUORANTHENE					
BENZO(E)PYRENE					
BENZO(G,H,I)PERYLENE	5.1U	6U	5.1U	5.1U	**0.0938**
BENZO(K)FLUORANTHENE	5.1U	6U	5.1U	5.1U	**0.0325**
BENZOIC ACID					
BENZYL ALCOHOL					
BIPHENYL					
BIS(2-CHLOROETHOXY)METHANE					
BIS(2-CHLOROETHYL)ETHER					
BIS(2-CHLOROISOPROPYL)ETHER					
BIS(2-ETHYLHEXYL)PHTHALATE					
BUTYL BENZYL PHTHALATE					
CARBAZOLE	5.1U	6U	5.1U	5.1U	
CHRYSENE	5.1U	6U	5.1U	5.1U	0.101U
DIBENZ(A,H)ANTHRACENE	5.1U	6U	5.1U	5.1U	**0.076**
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)					
DIBENZOFURAN					
DIETHYL PHTHALATE					
DIMETHYL PHTHALATE					
DI-N-BUTYL PHTHALATE					
DI-N-OCTYL PHTHALATE					
FLOURENE					
FLUORANTHENE	5.1U	6U	5.1U	5.1U	**0.152**
FLUORENE	5.1U	6U	5.1U	5.1U	0.141U
HEXACHLOROBENZENE					
HEXACHLOROBUTADIENE					
HEXACHLOROCYCLOPENTADIENE					
HEXACHLOROETHANE					
INDENO(1,2,3-CD)PYRENE	5.1U	6U	5.1U	5.1U	**0.0998**
ISOPHORONE					
NITROBENZENE					
N-NITROSODI-N-PROPYLAMINE					
N-NITROSODIPHENYLAMINE					
PHENANTHRENE	**1.8J**	6U	5.1U	5.1U	0.429U
PHENOL					
PYRENE	5.1U	6U	5.1U	5.1U	0.181U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	Y165	Y165	Y25	Y25	Y25
SAMPLE	Y165-S (A11697)	Y' 165-SC (11706)	Y25-S (A11698)	Y' 25-SC (A11709)	Y25-1 (A11722)
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5	1-1
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE					
1,2-DICHLOROBENZENE					
1,3-DICHLOROBENZENE					
1,4-DICHLOROBENZENE					
1-METHYLNAPHTHALENE					
2,3,4,5-TETRACHLOROPHENOL					
2,3,4-TRICHLOROPHENOL					
2,3,5,6-TETRACHLOROPHENOL					
2,3,6-TRICHLOROPHENOL					
2,4,5-TRICHLOROPHENOL					
2,4,6-TRICHLOROPHENOL					
2,4-DICHLOROPHENOL					
2,4-DIMETHYLPHENOL					
2,4-DINITROPHENOL					
2,4-DINITROTOLUENE					
2,6-DIMETHYLNAPHTHALENE					
2,6-DINITROTOLUENE					
2-CHLORONAPHTHALENE					
2-CHLOROPHENOL					
2-METHYLNAPHTHALENE					
2-METHYLPHENOL					
2-NITROANILINE					
2-NITROPHENOL					
3,3'-DICHLOROBENZIDINE					
3-NITROANILINE					
4,6-DINITRO-2-METHYLPHENOL					
4-BROMOPHENYL-PHENYLETHER					
4-CHLORO-3-METHYLPHENOL					
4-CHLOROANILINE					
4-CHLOROPHENOL					
4-CHLOROPHENYL-PHENYLETHER					
4-METHYLPHENOL					
4-METHYLPHENOL/3-METHYLPHENOL					
4-NITROANILINE					
4-NITROPHENOL					
ACENAPHTHENE	5.3U	5.2U	5.3U	5.1U	5.8U
ACENAPHTHYLENE	5.3U	5.2U	5.3U	5.1U	
ANTHRACENE	5.3U	5.2U	5.3U	5.1U	5.8U
BENZO(A)ANTHRACENE	5.3U	5.2U	**1.8J**	5.1U	5.8U
BENZO(A)PYRENE	5.3U	5.2U	5.3U	5.1U	5.8U
BENZO(B)FLUORANTHENE	5.3U	5.2U	5.3U	5.1U	5.8U
BENZO(B,K)FLUORANTHENE					
BENZO(E)PYRENE					
BENZO(G,H,I)PERYLENE	5.3U	5.2U	5.3U	5.1U	5.8U
BENZO(K)FLUORANTHENE	5.3U	5.2U	5.3U	5.1U	5.8U
BENZOIC ACID					
BENZYL ALCOHOL					
BIPHENYL					
BIS(2-CHLOROETHOXY)METHANE					
BIS(2-CHLOROETHYL)ETHER					
BIS(2-CHLOROISOPROPYL)ETHER					
BIS(2-ETHYLHEXYL)PHTHALATE					
BUTYL BENZYL PHTHALATE					
CARBAZOLE	5.3U	5.2U	5.3U	5.1U	5.8U
CHRYSENE	5.3U	5.2U	**1.3J**	5.1U	5.8U
DIBENZ(A,H)ANTHRACENE	5.3U	5.2U	5.3U	5.1U	5.8U
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)					
DIBENZOFURAN					
DIETHYL PHTHALATE					
DIMETHYL PHTHALATE					
DI-N-BUTYL PHTHALATE					
DI-N-OCTYL PHTHALATE					
FLOURENE					
FLUORANTHENE	5.3U	5.2U	5.3U	5.1U	5.8U
FLUORENE	5.3U	5.2U	**1.1J**	5.1U	5.8U
HEXACHLOROBENZENE					
HEXACHLOROBUTADIENE					
HEXACHLOROCYCLOPENTADIENE					
HEXACHLOROETHANE					
INDENO(1,2,3-CD)PYRENE	5.3U	5.2U	5.3U	5.1U	5.8U
ISOPHORONE					
NITROBENZENE					
N-NITROSODI-N-PROPYLAMINE					
N-NITROSODIPHENYLAMINE					
PHENANTHRENE	5.3U	5.2U	**1.5J**	5.1U	5.8U
PHENOL					
PYRENE	5.3U	5.2U	**1.3J**	5.1U	5.8U

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

STATION	Y95	Y95	YR-SO-1	YR-SO-2
SAMPLE	Y95-S (A11696)	Y' 95-SC (A11704)	HB052	HB053
DEPTH (FT)	0-0.5	0-0.5	0-1.3	0-0.75
DATE	9/27/1991	9/27/1991	3/11/1986	4/2/1986
UNITS	MG/KG	MG/KG	MG/KG	MG/KG
1,2,4-TRICHLOROBENZENE			0.6U	0.33UJ
1,2-DICHLOROBENZENE			0.6U	0.33UJ
1,3-DICHLOROBENZENE			0.6U	0.33UJ
1,4-DICHLOROBENZENE			0.6U	0.33UJ
1-METHYLNAPHTHALENE				
2,3,4,5-TETRACHLOROPHENOL				
2,3,4-TRICHLOROPHENOL				
2,3,5,6-TETRACHLOROPHENOL				
2,3,6-TRICHLOROPHENOL				
2,4,5-TRICHLOROPHENOL			4U	1.6UJ
2,4,6-TRICHLOROPHENOL			0.6U	0.33UJ
2,4-DICHLOROPHENOL			0.6U	0.33UJ
2,4-DIMETHYLPHENOL			0.6U	0.33UJ
2,4-DINITROPHENOL			4U	1.6UJ
2,4-DINITROTOLUENE			0.6U	0.33UJ
2,6-DIMETHYLNAPHTHALENE				
2,6-DINITROTOLUENE			0.6U	0.33UJ
2-CHLORONAPHTHALENE			0.6U	0.33UJ
2-CHLOROPHENOL			0.6U	0.33UJ
2-METHYLNAPHTHALENE			0.6U	**38J**
2-METHYLPHENOL			0.6U	0.33UJ
2-NITROANILINE			4U	1.6UJ
2-NITROPHENOL			0.6U	0.33UJ
3,3'-DICHLOROBENZIDINE			1UJ	0.33UJ
3-NITROANILINE				1.6UJ
4,6-DINITRO-2-METHYLPHENOL			4U	0.33UJ
4-BROMOPHENYL-PHENYLETHER			0.6U	0.33UJ
4-CHLORO-3-METHYLPHENOL			0.6U	0.33UJ
4-CHLOROANILINE			0.6UJ	0.33UJ
4-CHLOROPHENOL				
4-CHLOROPHENYL-PHENYLETHER			0.6U	0.33UJ
4-METHYLPHENOL			0.6U	0.33UJ
4-METHYLPHENOL/3-METHYLPHENOL				
4-NITROANILINE			4UJ	1.6UJ
4-NITROPHENOL			4U	1.6UJ
ACENAPHTHENE	5.2U	5.1U	0.6U	0.33UJ
ACENAPHTHYLENE	5.2U	5.1U	0.6U	0.33UJ
ANTHRACENE	5.2U	5.1U	0.6U	0.33UJ
BENZO(A)ANTHRACENE	5.2U	5.1U	0.6U	0.33UJ
BENZO(A)PYRENE	5.2U	5.1U	0.6U	0.33UJ
BENZO(B)FLUORANTHENE	5.2U	5.1U	0.6U	0.33UJ
BENZO(B,K)FLUORANTHENE				
BENZO(E)PYRENE				
BENZO(G,H,I)PERYLENE	5.2U	5.1U	0.6U	
BENZO(K)FLUORANTHENE	5.2U	5.1U	0.6U	0.33UJ
BENZOIC ACID			4U	1.6UJ
BENZYL ALCOHOL			0.6U	0.33UJ
BIPHENYL				
BIS(2-CHLOROETHOXY)METHANE			0.6U	0.33UJ
BIS(2-CHLOROETHYL)ETHER			0.6U	0.33UJ
BIS(2-CHLOROISOPROPYL)ETHER			0.6U	0.33UJ
BIS(2-ETHYLHEXYL)PHTHALATE			0.6U	0.33UJ
BUTYL BENZYL PHTHALATE			0.6U	0.33UJ
CARBAZOLE	5.2U	5.1U		
CHRYSENE	5.2U	5.1U	0.6U	0.33UJ
DIBENZ(A,H)ANTHRACENE	5.2U	5.1U	0.6U	0.33UJ
DIBENZ(A,H)ANTHRACENE/INDENO(1,2,3)				
DIBENZOFURAN			0.6U	0.33UJ
DIETHYL PHTHALATE			0.6U	0.33UJ
DIMETHYL PHTHALATE			0.6U	0.33UJ
DI-N-BUTYL PHTHALATE			**0.1JB**	0.33UJ
DI-N-OCTYL PHTHALATE			0.6U	0.33UJ
FLOURENE				
FLUORANTHENE	5.2U	**4.8**	0.6U	0.33UJ
FLUORENE	5.2U	5.1U	0.6U	0.33UJ
HEXACHLOROBENZENE			0.6U	0.33UJ
HEXACHLOROBUTADIENE			0.6U	0.33UJ
HEXACHLOROCYCLOPENTADIENE			0.6U	0.33UJ
HEXACHLOROETHANE			0.6U	0.33UJ
INDENO(1,2,3-CD)PYRENE	5.2U	5.1U	0.6U	0.33UJ
ISOPHORONE			0.6U	0.33UJ
NITROBENZENE			0.6U	0.33UJ
N-NITROSODI-N-PROPYLAMINE			0.6U	0.33UJ
N-NITROSODIPHENYLAMINE			0.6U	0.33UJ
PHENANTHRENE	5.2U	5.1U	0.6U	0.33UJ
PHENOL			0.6U	0.33UJ
PYRENE	5.2U	5.1U	0.6U	**2.4J**

Appendix D - Surface Soil Data
Semi-Volatile Organic Compound

Notes:

Detected values shown in bold

Shaded values exceed screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
B	Compound detected in method blank
J	Estimated amount
U	Analyte analyzed for but not detected; reported with detection limit value
Y	Indicates a raised detection limit due to matrix interference

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	5-29AR	5-30AR	5-30PR	5-31AR	5-31PR	6-12AR	6-12PR	6-13AR	6-13PR	6-14AR	6-14PR	6-15AR	6-15ARRB	6-17AR
SAMPLE	5-29AR	5-30AR	5-30PR	5-31AR	5-31PR	6-12AR	6-12PR	6-13AR	6-13PR	6-14AR	6-14PR	6-15AR	6-15ARRB	6-17AR
DATE	5/29/1993	5/30/1993	6/4/1993	5/31/1993	5/31/1993	6/13/1993	6/13/1993	6/14/1993	6/14/1993	6/15/1993	6/15/1993	6/16/1993	6/28/1993	6/18/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	**0.0109**	0.002U	0.002U	**0.0029**	**0.0065**	**0.0027**	**0.0037**	0.002U	**0.0044**	0.002U	**0.013**	**0.004**	0.002U	0.002U
ETHYLBENZENE	**0.0158**	**0.0051**	0.002U	**0.0059**	**0.0072**	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE											1.21U			
TOLUENE	**0.0027**	**0.005**	0.002U	0.002U	**0.0224**	0.002U	0.002U	0.002U	**0.005**	0.002U	**0.0037**	**0.0024**	0.002U	0.002U
TOTAL XYLENES	**0.0945**	**0.0322**	0.006U	**0.036**	**0.045**	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	6-17PR	6-17PRRB	6-18AR	6-1AR	6-1PR	6-20PR	6-21AR	6-21PR	6-22AR	6-22PR	6-23AR	6-23PR	6-24AR	6-24PR	6-25AR
SAMPLE	6-17PR	6-17PRRB	6-18AR	6-1AR	6-1PR	6-20PR	6-21AR	6-21PR	6-22AR	6-22PR	6-23AR	6-23PR	6-24AR	6-24PR	6-25AR
DATE	6/18/1993	6/28/1993	6/19/1993	6/1/1993	6/1/1993	6/21/1993	6/22/1993	6/22/1993	6/23/1993	6/23/1993	6/24/1993	6/24/1993	6/25/1993	6/25/1993	6/26/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	0.002U	0.002U	**0.0032**	**0.0161**	**0.0113**	**0.0033**	0.002U	**0.0025**	**0.0037**	0.002U	0.002U	**0.0065**	**0.0053**	**0.0039**	**0.0119**
ETHYLBENZENE	0.002U	0.002U	**0.0027**	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE										1.21U					
TOLUENE	0.002U	0.002U	**0.0057**	**0.0088**	0.002U	0.002U	0.002U	0.002U	0.002U	**0.004**	**0.0048**	0.002U	0.002U	0.002U	**0.0027**
TOTAL XYLENES	0.006U	0.006U	**0.0216**	0.006U	**0.0118**	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	6-25PR	6-26AR	6-26PR	6-27AR	6-27PR	6-28AR	6-28PR	6-29AR	6-2AR	6-2PR	6-30AR	6-30PR	6-3AR	6-3PR	6-4AR
SAMPLE	6-25PR	6-26AR	6-26PR	6-27AR	6-27PR	6-28AR	6-28PR	6-29AR	6-2AR	6-2PR	6-30AR	6-30PR	6-3AR	6-3PR	6-4AR
DATE	6/26/1993	6/27/1993	6/27/1993	6/28/1993	6/28/1993	6/29/1993	6/29/1993	6/30/1993	6/2/1993	6/2/1993	7/1/1993	7/1/1993	6/3/1993	6/3/1993	6/4/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	0.002U	**0.0147**	**0.0061**	0.002U	**0.0069**	**0.007**	**0.0088**	**0.0136**	**0.0377**	**0.0065**	**0.0062**	**0.0047**	**0.0409**	**0.005**	**0.0034**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE			1.21U							1.21U		1.21U			
TOLUENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	**0.0029**	0.002U	0.002U	0.002U	**0.0028**
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	**0.0115**	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	6-4PR	6-5AR	6-5PR	6-6AR	6-6PR	6-7AR	6-7PR	6-8AR	6-8PR	6-9AR	6-9PR	7-10AR	7-10PR	7-11AR	7-11PR
SAMPLE	6-4PR	6-5AR	6-5PR	6-6AR	6-6PR	6-7AR	6-7PR	6-8AR	6-8PR	6-9AR	6-9PR	7-10AR	7-10PR	7-11AR	7-11PR
DATE	6/4/1993	6/5/1993	6/5/1993	6/6/1993	6/6/1993	6/7/1993	6/7/1993	6/8/1993	6/15/1993	6/15/1993	6/15/1993	7/11/1993	7/11/1993	7/12/1993	7/12/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	**0.0179**	**0.0101**	**0.0033**	**0.0116**	**0.0029**	0.002U	**0.0042**	0.002U	0.002U	0.002U	**0.0061**	**0.0052**	**0.0092**	**0.0049**	**0.0061**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE		1.21U						1.21U					1.21U		
TOLUENE	**0.0037**	**0.0043**	0.002U	**0.0034**	0.002U	**0.0044**	**0.0046**	**0.0025**	0.002U	0.002U	**0.0027**	0.002U	**0.0029**	0.002U	0.002U
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	7-12AR	7-12PR	7-13AR	7-13PR	7-14AR	7-14PR	7-15AR	7-15PR	7-16AR	7-16PR	7-17AR	7-17PR	7-18AR	7-18PR
SAMPLE	7-12AR	7-12PR	7-13AR	7-13PR	7-14AR	7-14PR	7-15AR	7-15PR	7-16AR	7-16PR	7-17AR	7-17PR	7-18AR	7-18PR
DATE	7/13/1993	7/13/1993	7/14/1993	7/14/1993	7/15/1993	7/15/1993	7/16/1993	7/16/1993	7/17/1993	7/17/1993	7/18/1993	7/18/1993	7/19/1993	7/19/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	**0.0052**	**0.0095**	**0.003**	**0.003**	**0.004**	**0.0035**	**0.0136**	**0.0035**	**0.004**	**0.0063**	0.002U	**0.0041**	**0.0055**	**0.0049**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE					1.21U								1.21U	
TOLUENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	**0.0079**	**0.0028**	0.002U	0.002U	**0.0023**	0.002U	0.002U	0.002U
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	**0.0096**	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	7-19AR	7-19PR	7-1AR	7-1PR	7-20AR	7-21AR	7-21PR	7-22AR	7-22PR	7-23AR	7-23PR	7-24AR	7-24PR	7-25AR	7-25PR
SAMPLE	7-19AR	7-19PR	7-1AR	7-1PR	7-20AR	7-21AR	7-21PR	7-22AR	7-22PR	7-23AR	7-23PR	7-24AR	7-24PR	7-25AR	7-25PR
DATE	7/20/1993	7/20/1993	7/2/1993	7/2/1993	7/21/1993	7/22/1993	7/22/1993	7/23/1993	7/23/1993	7/24/1993	7/24/1993	7/25/1993	7/25/1993	7/26/1993	7/26/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	0.002U	0.002U	**0.0034**	**0.0118**	0.002U	**0.0074**	**0.0034**	0.002U	**0.0028**	0.002U	0.002U	**0.005**	0.002U	**0.003**	**0.004**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE								1.21U							
TOLUENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	**0.0036**	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	7-26AR	7-26PR	7-27AR	7-27PR	7-28AR	7-28PR	7-29AR	7-29PR	7-2AR	7-2PR	7-30PR	7-31AR	7-31PR	7-3AR	7-3PR
SAMPLE	7-26AR	7-26PR	7-27AR	7-27PR	7-28AR	7-28PR	7-29AR	7-29PR	7-2AR	7-2PR	7-30PR	7-31AR	7-31PR	7-3AR	7-3PR
DATE	7/27/1993	7/27/1993	7/28/1993	7/28/1993	7/29/1993	7/29/1993	7/30/1993	7/30/1993	7/3/1993	7/3/1993	7/31/1993	8/1/1993	8/1/1993	7/4/1993	7/4/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	**0.0039**	**0.0021**	**0.0043**	**0.0055**	**0.0036**	**0.0031**	**0.0065**	**0.0085**	**0.0042**	**0.0026**	**0.0224**	**0.008**	**0.0059**	0.002U	0.002U
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	**0.0048**	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE	1.21U							1.21U							
TOLUENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	**0.0051**	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	**0.0095**	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	7-4AR	7-4PR	7-6AR	7-7AR	7-8PR	7-9AR	7-9PR	8-10AR	8-10PR	8-11AR	8-11PR	8-12AR	8-12PR	8-13AR	8-13PR
SAMPLE	7-4AR	7-4PR	7-6AR	7-7AR	7-8PR	7-9AR	7-9PR	8-10AR	8-10PR	8-11AR	8-11PR	8-12AR	8-12PR	8-13AR	8-13PR
DATE	7/5/1993	7/5/1993	7/8/1993	7/8/1993	7/9/1993	7/10/1993	7/10/1993	8/11/1993	8/11/1993	8/12/1993	8/12/1993	8/13/1993	8/13/1993	8/14/1993	8/14/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	0.002U	0.002U	**0.0038**	**0.0023**	0.002U	**0.0047**	**0.005**	0.002U	**0.0075**	**0.0099**	**0.0079**	**0.011**	0.002U	**0.003**	**0.009**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE	1.21U									1.1U					
TOLUENE	0.002U	0.002U	**0.005**	**0.0057**	**0.0039**	0.002U	0.002U	0.002U	**0.0046**	**0.0026**	**0.0036**	**0.006**	0.002U	0.002U	0.002U
TOTAL XYLENES	0.006U	0.006U	0.006U	**0.0061**	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	8-14AR	8-15AR	8-15PR	8-16AR	8-18AR	8-18PR	8-19AR	8-19PR	8-1AR	8-1PR	8-20AR	8-20PR	8-21AR	8-21PR	8-22AR
SAMPLE	8-14AR	8-15AR	8-15PR	8-16AR	8-18AR	8-18PR	8-19AR	8-19PR	8-1AR	8-1PR	8-20AR	8-20PR	8-21AR	8-21PR	8-22AR
DATE	8/15/1993	8/16/1993	8/16/1993	8/17/1993	8/19/1993	8/19/1993	8/20/1993	8/20/1993	8/2/1993	8/2/1993	8/21/1993	8/21/1993	8/22/1993	8/22/1993	8/23/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	0.002U	**0.0021**	**0.0027**	0.002U	**0.0072**	**0.034**	**0.0036**	**0.0055**	0.002U	**0.0075**	0.002U	0.002U	0.002U	0.002U	**0.0021**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE				1.21U											1.21U
TOLUENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	8-22PR	8-26AR	8-26PR	8-27PR	8-28AR	8-28PR	8-2AR	8-2PR	8-30AR	8-30PR	8-31AR	8-31PR	8-3AR	8-3PR	8-4AR	8-4PR
SAMPLE	8-22PR	8-26AR	8-26PR	8-27PR	8-28AR	8-28PR	8-2AR	8-2PR	8-30AR	8-30PR	8-31AR	8-31PR	8-3AR	8-3PR	8-4AR	8-4PR
DATE	8/23/1993	8/27/1993	8/27/1993	8/28/1993	8/29/1993	8/29/1993	8/3/1993	8/3/1993	9/2/1993	9/2/1993	9/2/1993	9/2/1993	8/4/1993	8/4/1993	8/5/1993	8/5/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	0.002U	**0.0021**	0.002U	**0.0036**	0.002U	0.002U	**0.0066**	0.002U	0.002U	0.002U	0.002U	**0.0049**	**0.0115**	**0.0052**	**0.018**	**0.0096**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE													1.21U			
TOLUENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	**0.0077**	0.002U	**0.0054**	**0.0044**	**0.006**	0.002U	**0.0051**	**0.0035**	**0.0109**	**0.0121**
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

STATION	8-5AR	8-5PR	8-6AR	8-6PR	8-7AR	8-7PR	8-8AR
SAMPLE	8-5AR	8-5PR	8-6AR	8-6PR	8-7AR	8-7PR	8-8AR
DATE	8/6/1993	8/6/1993	8/7/1993	8/7/1993	8/8/1993	8/8/1993	8/8/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
BENZENE	**0.005**	0.002U	**0.0051**	**0.0066**	**0.003**	**0.0021**	**0.0023**
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
NAPHTHALENE				1.21U			
TOLUENE	**0.0125**	**0.0071**	**0.036**	**0.003**	**0.015**	**0.0029**	**0.0087**
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	**0.016**	0.006U	0.006U

Appendix D - Surface Soil Data
Volatile Organic Compound 1

Notes:

Detected values shown in bold

Shaded values exceed screening criteria

MG/KG	Milligrams per kilogram
U	Analyte analyzed for but not detected; reported with detection limit value

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	8-8PR	9-1AR	9-1PR	9-2AR	9-2PR	9-3AR	9-3PR	9-4AR
SAMPLE	8-8PR	9-1AR	9-1PR	9-2AR	9-2PR	9-3AR	9-3PR	9-4AR
DEPTH (FT)								
DATE	8/8/1993	9/2/1993	9/2/1993	9/3/1993	9/3/1993	9/7/1993	9/7/1993	9/7/1993
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE	**0.0036**	**0.0033**	**0.0098**	**0.007**	**0.0379**	**0.0072**	**0.0059**	**0.0087**
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U	0.002U
M,P-XYLENES								
METHYL TERT-BUTYL ETHER								
METHYLENE CHLORIDE								
NAPHTHALENE		1.21U						
O-XYLENE								
STYRENE								
TETRACHLOROETHENE								
TOLUENE	**0.011**	**0.0035**	**0.0083**	**0.0131**	**0.013**	0.002U	0.002U	0.002U
TOTAL XYLENES	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U	0.006U
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE								

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	9-4PR	9-5AR	A1-1	A1-2	A1-3	A2-1	A30	A3-1
SAMPLE	9-4PR	9-5AR	A1-1	A1-2	A1-3	A2-1	A12269	A3-1
DEPTH (FT)			0-2	0-2	0-2	0-2		0-2
DATE	9/7/1993	9/7/1993	6/1/2002	6/1/2002	6/1/2002	6/1/2002	9/27/1991	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE	0.002U	**0.019**	0.05U	0.05U	0.05U	0.05U		0.05U
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.002U	0.002U	0.05U	0.05U	0.05U	0.05U		0.05U
M,P-XYLENES			0.05U	0.05U	0.05U	0.05U		0.05U
METHYL TERT-BUTYL ETHER			0.1U	0.1U	0.1U	0.1U		0.1U
METHYLENE CHLORIDE								
NAPHTHALENE		1.21U	0.1U	0.33U	0.1U	0.1U	5.2U	0.1U
O-XYLENE			0.05U	0.05U	0.05U	0.05U		0.05U
STYRENE								
TETRACHLOROETHENE								
TOLUENE	0.002U	**0.0037**	0.05U	0.05U	0.05U	0.05U		0.05U
TOTAL XYLENES	0.006U	0.006U	0.05U	0.05U	0.05U	0.05U		0.05U
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE								

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	A3-2	A3-3	AA160	AA160	AA25	AA95	B1-1	B130
SAMPLE	A3-2	A3-3	A12275	B12236	A11730	11731	B1-1	A12356
DEPTH (FT)	0-2	0-2	1-1				0-2	
DATE	6/1/2002	6/1/2002	9/27/1991	9/27/1991	9/27/1991	9/27/1991	6/1/2002	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE	0.05U	0.05U					0.05U	
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.05U	0.05U					0.05U	
M,P-XYLENES	0.05U	0.05U					0.05U	
METHYL TERT-BUTYL ETHER	0.1U	0.1U					0.1U	
METHYLENE CHLORIDE								
NAPHTHALENE	0.33U	0.1U	6U	5.1U	5.1U	5.1U	0.1U	5.1U
O-XYLENE	0.05U	0.05U					0.05U	
STYRENE								
TETRACHLOROETHENE								
TOLUENE	0.05U	0.05U					0.05U	
TOTAL XYLENES	0.05U	0.05U					0.05U	
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE								

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	B3-1	B3-2	B3-3	BC-1	BC-1A	BC-2	BC-2A	C1-1
SAMPLE	B3-1	B3-2	B3-3	BC-1	BC-1A	BC-2	BC-2A	C1-1
DEPTH (FT)	0-2	0-2	0-2					0-2
DATE	6/1/2002	6/1/2002	6/1/2002	2/1/1993	5/28/1993	2/1/1993	5/28/1993	6/1/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE	0.05U	0.05U	0.05U	0.01U	0.002U	**0.0024**	0.002U	0.05U
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.05U	0.05U	0.05U	0.01U	0.002U	0.002U	0.002U	0.05U
M,P-XYLENES	0.05U	0.05U	0.05U					0.05U
METHYL TERT-BUTYL ETHER	0.1U	0.1U	0.1U					0.1U
METHYLENE CHLORIDE								
NAPHTHALENE	0.1U	0.1U	0.1U	3.62U		2.41U		0.1U
O-XYLENE	0.05U	0.05U	0.05U					0.05U
STYRENE								
TETRACHLOROETHENE								
TOLUENE	0.05U	0.05U	0.05U	0.01U	0.002U	**0.0035**	0.002U	0.05U
TOTAL XYLENES	0.05U	0.05U	0.05U	0.01U	0.006U	0.002U	0.006U	0.05U
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE								

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	C2-2	C3-1	C3-2	CP-1	D50	G(-20)	G75	I(-20)
SAMPLE	C2-2	C3-1	C3-2	A12115	12360	12240	A12270	12148
DEPTH (FT)	0-2	0-2	0-2	0-0.5				
DATE	6/1/2002	6/1/2002	6/1/2002	7/31/1991	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE								
1,1,2,2-TETRACHLOROETHANE								
1,1,2-TRICHLOROETHANE								
1,1-DICHLOROETHANE								
1,1-DICHLOROETHENE								
1,2-DICHLOROETHANE								
1,2-DICHLOROETHENE								
1,2-DICHLOROPROPANE								
2-BUTANONE								
2-HEXANONE								
4-METHYL-2-PENTANONE								
ACETONE								
BENZENE	0.05U	0.05U	0.05U					
BROMODICHLOROMETHANE								
BROMOFORM								
BROMOMETHANE								
CARBON DISULFIDE								
CARBON TETRACHLORIDE								
CHLOROBENZENE								
CHLOROETHANE								
CHLOROFORM								
CHLOROMETHANE (METHYL CHLORIDE)								
CIS-1,3-DICHLOROPROPENE								
DIBROMOCHLOROMETHANE								
DICHLOROMETHANE (METHYLENE CHLORIDE)								
ETHYLBENZENE	0.05U	0.05U	0.05U					
M,P-XYLENES	0.05U	**0.098**	0.05U					
METHYL TERT-BUTYL ETHER	0.1U	0.1U	0.1U					
METHYLENE CHLORIDE								
NAPHTHALENE	0.67U	0.67U	0.67U	5.3U	5.1U	5.4U	5.1U	5.8U
O-XYLENE	0.05U	0.05U	0.05U					
STYRENE								
TETRACHLOROETHENE								
TOLUENE	0.05U	0.12U	0.05U					
TOTAL XYLENES	0.05U	**0.098**	0.05U					
TRANS-1,2-DICHLOROETHENE								
TRANS-1,3-DICHLOROPROPENE								
TRICHLOROETHENE								
VINYL ACETATE								
VINYL CHLORIDE								
XYLENE								

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	I11	I130	K130	K90	L(-20)	L10	LT-1
SAMPLE	I11B	12362	12359	12361	A11735	L10B	A12117
DEPTH (FT)	1-2.5					1-2	0-0.5
DATE	4/1/1996	9/27/1991	9/27/1991	9/27/1991	9/27/1991	4/5/1996	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE							
2-BUTANONE							
2-HEXANONE							
4-METHYL-2-PENTANONE							
ACETONE							
BENZENE							
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE							
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE (METHYL CHLORIDE)							
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)							
ETHYLBENZENE							
M,P-XYLENES							
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE							
NAPHTHALENE	10U	52U	5U	5.2U	5.7U	**4.3**	5.1U
O-XYLENE							
STYRENE							
TETRACHLOROETHENE							
TOLUENE							
TOTAL XYLENES							
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRICHLOROETHENE							
VINYL ACETATE							
VINYL CHLORIDE							
XYLENE							

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	LT-2	LT-3	MG-1	O4a	Q165	Q25	Q25
SAMPLE	A12118	A12119	A12124	98-30079	A12267	12268	A11684
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0.8-0.8			
DATE	7/31/1991	7/31/1991	7/31/1991	4/5/1998	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE							
2-BUTANONE							
2-HEXANONE							
4-METHYL-2-PENTANONE							
ACETONE							
BENZENE				1U			
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE							
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE (METHYL CHLORIDE)							
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)							
ETHYLBENZENE				1U			
M,P-XYLENES				0.5U			
METHYL TERT-BUTYL ETHER				4U			
METHYLENE CHLORIDE							
NAPHTHALENE	5U	5U	5.6U		5.2U	5.4U	5.2U
O-XYLENE				0.5U			
STYRENE							
TETRACHLOROETHENE							
TOLUENE				1U			
TOTAL XYLENES							
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRICHLOROETHENE							
VINYL ACETATE							
VINYL CHLORIDE							
XYLENE							

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	Q3	Q9	Q95	RR-SO-4	RS-1	S-1	S-10
SAMPLE	Q3A	Q9B	B12244	HC-307	A11644	S-1	S-10
DEPTH (FT)	1-2	1-2		0.8-1.6	0-0.5	2-2	1-1.5
DATE	4/2/1996	4/4/1996	9/27/1991	2/26/1986	9/27/1991	11/16/1992	12/15/1992
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE							
2-BUTANONE				0.01U			
2-HEXANONE				0.01U			
4-METHYL-2-PENTANONE							
ACETONE				0.0103UB			
BENZENE				**0.0008J**		0.002U	0.002U
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE				**0.001JB**			
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE (METHYL CHLORIDE)							
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)							
ETHYLBENZENE						0.002U	0.002U
M,P-XYLENES							
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE				0.026UB			
NAPHTHALENE	0.33U	5U	5.1U		27U	1.21U	1.21U
O-XYLENE							
STYRENE							
TETRACHLOROETHENE							
TOLUENE				0.005UJ		0.002U	0.002U
TOTAL XYLENES				0.005UJ		0.002U	**0.0091**
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRICHLOROETHENE							
VINYL ACETATE							
VINYL CHLORIDE							
XYLENE							

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	S-10	S-11	S-15	S165	S-2	S25	S25
SAMPLE	S-10A	S-11	S-15	A11708	S-2	A11723	B11712
DEPTH (FT)	2-2	1-1.5	3.5-7		1-1	1-1	
DATE	12/23/1992	12/15/1992	12/17/1992	9/27/1991	11/16/1992	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE							
2-BUTANONE							
2-HEXANONE							
4-METHYL-2-PENTANONE							
ACETONE							
BENZENE	0.002U	0.002U	0.002U		0.002U		
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE							
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE (METHYL CHLORIDE)							
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)							
ETHYLBENZENE	0.002U	0.002U	**0.0075**		0.002U		
M,P-XYLENES							
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE							
NAPHTHALENE	1.21U	1.21U	1.21U	5.2U	1.21U	5.1U	5.2U
O-XYLENE							
STYRENE							
TETRACHLOROETHENE							
TOLUENE	0.002U	0.002U	0.002U		0.002U		
TOTAL XYLENES	0.002U	0.002U	**0.019**		0.002U		
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRICHLOROETHENE							
VINYL ACETATE							
VINYL CHLORIDE							
XYLENE							

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	S-7	S-7	S-8	S-8	S-9	S95	SL-1
SAMPLE	S-7	S-7A	S-8	S-8A	S-9	11721	A12113
DEPTH (FT)	1-1	2-2	2-2	2-2	2.5-2.5	1-1	0-0.5
DATE	12/8/1992	12/23/1992	12/9/1992	12/23/1992	12/9/1992	9/27/1991	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE							
1,1,2,2-TETRACHLOROETHANE							
1,1,2-TRICHLOROETHANE							
1,1-DICHLOROETHANE							
1,1-DICHLOROETHENE							
1,2-DICHLOROETHANE							
1,2-DICHLOROETHENE							
1,2-DICHLOROPROPANE							
2-BUTANONE							
2-HEXANONE							
4-METHYL-2-PENTANONE							
ACETONE							
BENZENE	0.002U	0.01U	0.002U	0.01U	0.002U		
BROMODICHLOROMETHANE							
BROMOFORM							
BROMOMETHANE							
CARBON DISULFIDE							
CARBON TETRACHLORIDE							
CHLOROBENZENE							
CHLOROETHANE							
CHLOROFORM							
CHLOROMETHANE (METHYL CHLORIDE)							
CIS-1,3-DICHLOROPROPENE							
DIBROMOCHLOROMETHANE							
DICHLOROMETHANE (METHYLENE CHLORIDE)							
ETHYLBENZENE	0.002U	0.01U	0.002U	0.01U	0.002U		
M,P-XYLENES							
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE							
NAPHTHALENE	1.21U	1.21U	1.21U	1.21U	1.21U	5.7U	57U
O-XYLENE							
STYRENE							
TETRACHLOROETHENE							
TOLUENE	0.002U	0.01U	0.002U	0.01U	0.002U		
TOTAL XYLENES	0.002U	0.01U	0.002U	0.01U	0.002U		
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE							
TRICHLOROETHENE							
VINYL ACETATE							
VINYL CHLORIDE							
XYLENE							

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	SS-10-91	SS-1-89	SS-1-89	SS-1-91	SS-2-89	SS-2-89	SS-2-91
SAMPLE	A8359	KPP-SS-1	KPP-SS-1	A12114	KPP-SS-2	KPP-SS-2	A12116
DEPTH (FT)	0-0.5	0-0.25	0-0.25	0-0.5	0-1	0-1	0-0.5
DATE	9/27/1991	11/15/1988	11/15/1988	7/31/1991	11/15/1988	11/15/1988	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE			0.031J			0.033J	
1,1,2,2-TETRACHLOROETHANE			0.031J			0.033J	
1,1,2-TRICHLOROETHANE			0.031J			0.033J	
1,1-DICHLOROETHANE			0.031J			0.033J	
1,1-DICHLOROETHENE			0.031J			0.033J	
1,2-DICHLOROETHANE			0.031J			0.033J	
1,2-DICHLOROETHENE			0.031J			0.033J	
1,2-DICHLOROPROPANE			0.031J			0.033J	
2-BUTANONE			0.063J			0.066J	
2-HEXANONE			0.063J			0.066J	
4-METHYL-2-PENTANONE			0.063J			0.066J	
ACETONE			0.063J			0.066J	
BENZENE			0.031J			0.033J	
BROMODICHLOROMETHANE			0.031J			0.033J	
BROMOFORM			0.031J			0.033J	
BROMOMETHANE			0.063J			0.066J	
CARBON DISULFIDE			0.031J			0.033J	
CARBON TETRACHLORIDE			0.031J			0.033J	
CHLOROBENZENE			0.031J			0.033J	
CHLOROETHANE			0.063J			0.066J	
CHLOROFORM			0.031J			0.033J	
CHLOROMETHANE (METHYL CHLORIDE)			0.063J			0.066J	
CIS-1,3-DICHLOROPROPENE			0.031J			0.033J	
DIBROMOCHLOROMETHANE			0.031J			0.033J	
DICHLOROMETHANE (METHYLENE CHLORIDE)			0.031J			0.033J	
ETHYLBENZENE			0.031J			0.033J	
M,P-XYLENES							
METHYL TERT-BUTYL ETHER							
METHYLENE CHLORIDE							
NAPHTHALENE	51U	0.41U		51U	1100U		5.1U
O-XYLENE							
STYRENE			0.031J			0.033J	
TETRACHLOROETHENE			0.031J			0.033J	
TOLUENE			0.031J			0.033J	
TOTAL XYLENES							
TRANS-1,2-DICHLOROETHENE							
TRANS-1,3-DICHLOROPROPENE			0.031J			0.033J	
TRICHLOROETHENE			0.031J			0.033J	
VINYL ACETATE			0.063J			0.066J	
VINYL CHLORIDE			0.063J			0.066J	
XYLENE			0.031J			0.033J	

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	SS-3-89	SS-3-89	SS-3-91	SS4-02	SS-4-89	SS-4-89
SAMPLE	KPP-SS-3	KPP-SS-3	A12128	MCW-SS-4-1	KPP-SS-4	KPP-SS-4
DEPTH (FT)	0-0.25	0-0.25	0-0.5	0-0.5	0-0.25	0-0.25
DATE	11/15/1988	11/15/1988	7/31/1991	4/23/2002	11/15/1988	11/15/1988
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE		0.034U				0.032U
1,1,2,2-TETRACHLOROETHANE		0.034U				0.032U
1,1,2-TRICHLOROETHANE		0.034U				0.032U
1,1-DICHLOROETHANE		0.034U				0.032U
1,1-DICHLOROETHENE		0.034U				0.032U
1,2-DICHLOROETHANE		0.034U				0.032U
1,2-DICHLOROETHENE		0.034U				0.032U
1,2-DICHLOROPROPANE		0.034U				0.032U
2-BUTANONE		0.067U				0.064U
2-HEXANONE		0.067U				0.064U
4-METHYL-2-PENTANONE		0.067U				0.064U
ACETONE		0.067U				0.064U
BENZENE		0.034U		0.05U		0.032U
BROMODICHLOROMETHANE		0.034U				0.032U
BROMOFORM		0.034U				0.032U
BROMOMETHANE		0.067U				0.064U
CARBON DISULFIDE		0.034U				0.032U
CARBON TETRACHLORIDE		0.034U				0.032U
CHLOROBENZENE		0.034U				0.032U
CHLOROETHANE		0.067U				0.064U
CHLOROFORM		0.034U				0.032U
CHLOROMETHANE (METHYL CHLORIDE)		0.067U				0.064U
CIS-1,3-DICHLOROPROPENE		0.034U				0.032U
DIBROMOCHLOROMETHANE		0.034U				0.032U
DICHLOROMETHANE (METHYLENE CHLORIDE)		0.034U				0.032U
ETHYLBENZENE		0.034U		0.05U		0.032U
M,P-XYLENES				0.05U		
METHYL TERT-BUTYL ETHER				0.1U		
METHYLENE CHLORIDE						
NAPHTHALENE	4.4U		5.3U	0.33U	0.42U	
O-XYLENE				0.05U		
STYRENE		0.034U				0.032U
TETRACHLOROETHENE		0.034U				0.032U
TOLUENE		0.034U		0.05U		0.032U
TOTAL XYLENES				0.05U		
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE		0.034U				0.032U
TRICHLOROETHENE		0.034U				0.032U
VINYL ACETATE		0.067U				0.064U
VINYL CHLORIDE		0.067U				0.064U
XYLENE		0.034U				0.032U

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	SS-4-91	SS5-02	SS-5-89	SS-5-89	SS-5-91	SS-6-89
SAMPLE	A8354	MCW-SS-5-1	KPP-SS-5	KPP-SS-5	A8355	KPP-SS-6
DEPTH (FT)	0-0.5	0-0.5	0-0	0-0	0-0.5	0-0.25
DATE	9/27/1991	4/23/2002	11/15/1988	11/15/1988	9/27/1991	11/15/1988
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE				**0.032J**		
1,1,2,2-TETRACHLOROETHANE				**0.032J**		
1,1,2-TRICHLOROETHANE				**0.032J**		
1,1-DICHLOROETHANE				**0.032J**		
1,1-DICHLOROETHENE				**0.032J**		
1,2-DICHLOROETHANE				**0.032J**		
1,2-DICHLOROETHENE				**0.032J**		
1,2-DICHLOROPROPANE				**0.032J**		
2-BUTANONE				**0.064J**		
2-HEXANONE				**0.064J**		
4-METHYL-2-PENTANONE				**0.064J**		
ACETONE				**0.064J**		
BENZENE		0.05U		**0.032J**		
BROMODICHLOROMETHANE				**0.032J**		
BROMOFORM				**0.032J**		
BROMOMETHANE				**0.064J**		
CARBON DISULFIDE				**0.032J**		
CARBON TETRACHLORIDE				**0.032J**		
CHLOROBENZENE				**0.032J**		
CHLOROETHANE				**0.064J**		
CHLOROFORM				**0.032J**		
CHLOROMETHANE (METHYL CHLORIDE)				**0.064J**		
CIS-1,3-DICHLOROPROPENE				**0.032J**		
DIBROMOCHLOROMETHANE				**0.032J**		
DICHLOROMETHANE (METHYLENE CHLORIDE)				**0.032J**		
ETHYLBENZENE		0.05U		**0.032J**		
M,P-XYLENES		0.05U				
METHYL TERT-BUTYL ETHER		0.1U				
METHYLENE CHLORIDE						
NAPHTHALENE	52U	0.33U	4.1U		5.1U	1.3U
O-XYLENE		0.05U				
STYRENE				**0.032J**		
TETRACHLOROETHENE				**0.032J**		
TOLUENE		0.05U		**0.032J**		
TOTAL XYLENES		0.05U				
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE				**0.032J**		
TRICHLOROETHENE				**0.032J**		
VINYL ACETATE				**0.064J**		
VINYL CHLORIDE				**0.064J**		
XYLENE				**0.032J**		

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	SS-6-89	SS-6-91	SS-7-91	SS-8-91	SS-9-91	TA-1
SAMPLE	KPP-SS-6	A8356	A8357	A8358	A8360	A12125 - TA-1
DEPTH (FT)	0-0.25	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
DATE	11/15/1988	9/27/1991	9/27/1991	9/27/1991	9/27/1991	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE	**0.041J**					
1,1,2,2-TETRACHLOROETHANE	**0.041J**					
1,1,2-TRICHLOROETHANE	**0.041J**					
1,1-DICHLOROETHANE	**0.041J**					
1,1-DICHLOROETHENE	**0.041J**					
1,2-DICHLOROETHANE	**0.041J**					
1,2-DICHLOROETHENE	**0.041J**					
1,2-DICHLOROPROPANE	**0.041J**					
2-BUTANONE	**0.081J**					
2-HEXANONE	**0.081J**					
4-METHYL-2-PENTANONE	**0.081J**					
ACETONE	**0.081J**					
BENZENE	**0.041J**					
BROMODICHLOROMETHANE	**0.041J**					
BROMOFORM	**0.041J**					
BROMOMETHANE	**0.081J**					
CARBON DISULFIDE	**0.041J**					
CARBON TETRACHLORIDE	**0.041J**					
CHLOROBENZENE	**0.041J**					
CHLOROETHANE	**0.081J**					
CHLOROFORM	**0.041J**					
CHLOROMETHANE (METHYL CHLORIDE)	**0.081J**					
CIS-1,3-DICHLOROPROPENE	**0.041J**					
DIBROMOCHLOROMETHANE	**0.041J**					
DICHLOROMETHANE (METHYLENE CHLORIDE)	**0.14J**					
ETHYLBENZENE	**0.041J**					
M,P-XYLENES						
METHYL TERT-BUTYL ETHER						
METHYLENE CHLORIDE						
NAPHTHALENE		5.6U	5.1U	5.1U	52U	5.1U
O-XYLENE						
STYRENE	**0.041J**					
TETRACHLOROETHENE	**0.041J**					
TOLUENE	**0.041J**					
TOTAL XYLENES						
TRANS-1,2-DICHLOROETHENE						
TRANS-1,3-DICHLOROPROPENE	**0.041J**					
TRICHLOROETHENE	**0.041J**					
VINYL ACETATE	**0.081J**					
VINYL CHLORIDE	**0.081J**					
XYLENE	**0.041J**					

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	TA-1	TA-4	TP1-02	TP2-02	TP3-02
SAMPLE	A12126 - TA-2	A12129	MCW-SS-1-1	MCW-SS-2-1	MCW-SS-3-1
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5
DATE	7/31/1991	7/31/1991	4/23/2002	4/23/2002	4/23/2002
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE					
1,1,2,2-TETRACHLOROETHANE					
1,1,2-TRICHLOROETHANE					
1,1-DICHLOROETHANE					
1,1-DICHLOROETHENE					
1,2-DICHLOROETHANE					
1,2-DICHLOROETHENE					
1,2-DICHLOROPROPANE					
2-BUTANONE					
2-HEXANONE					
4-METHYL-2-PENTANONE					
ACETONE					
BENZENE			0.05U	0.05U	0.05U
BROMODICHLOROMETHANE					
BROMOFORM					
BROMOMETHANE					
CARBON DISULFIDE					
CARBON TETRACHLORIDE					
CHLOROBENZENE					
CHLOROETHANE					
CHLOROFORM					
CHLOROMETHANE (METHYL CHLORIDE)					
CIS-1,3-DICHLOROPROPENE					
DIBROMOCHLOROMETHANE					
DICHLOROMETHANE (METHYLENE CHLORIDE)					
ETHYLBENZENE			0.05U	0.05U	0.05U
M,P-XYLENES			0.05U	0.05U	0.05U
METHYL TERT-BUTYL ETHER			0.1U	0.1U	0.1U
METHYLENE CHLORIDE					
NAPHTHALENE	5.1U	5.3U	0.1U	0.1U	0.33U
O-XYLENE			0.05U	0.05U	0.05U
STYRENE					
TETRACHLOROETHENE					
TOLUENE			0.05U	0.05U	0.05U
TOTAL XYLENES			0.05U	0.05U	0.05U
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE					
TRICHLOROETHENE					
VINYL ACETATE					
VINYL CHLORIDE					
XYLENE					

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	U165	U165	U25	U25
SAMPLE	U165-S (A11690)	U' 165-SC (A11702)	U25-S (A11691)	U' 25-SC (A11705)
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE				
1,1,2,2-TETRACHLOROETHANE				
1,1,2-TRICHLOROETHANE				
1,1-DICHLOROETHANE				
1,1-DICHLOROETHENE				
1,2-DICHLOROETHANE				
1,2-DICHLOROETHENE				
1,2-DICHLOROPROPANE				
2-BUTANONE				
2-HEXANONE				
4-METHYL-2-PENTANONE				
ACETONE				
BENZENE				
BROMODICHLOROMETHANE				
BROMOFORM				
BROMOMETHANE				
CARBON DISULFIDE				
CARBON TETRACHLORIDE				
CHLOROBENZENE				
CHLOROETHANE				
CHLOROFORM				
CHLOROMETHANE (METHYL CHLORIDE)				
CIS-1,3-DICHLOROPROPENE				
DIBROMOCHLOROMETHANE				
DICHLOROMETHANE (METHYLENE CHLORIDE)				
ETHYLBENZENE				
M,P-XYLENES				
METHYL TERT-BUTYL ETHER				
METHYLENE CHLORIDE				
NAPHTHALENE	5.4U	5.2U	5.1U	5.2U
O-XYLENE				
STYRENE				
TETRACHLOROETHENE				
TOLUENE				
TOTAL XYLENES				
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE				
TRICHLOROETHENE				
VINYL ACETATE				
VINYL CHLORIDE				
XYLENE				

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	U25	U95	U95	UT-1	UT-2
SAMPLE	U25-1 (A11717)	U95-S (A11695)	U' 95-SC (A11701)	A12120	A12121
DEPTH (FT)	1-1	0-0.5	0-0.5	0-0.5	0-0.5
DATE	9/27/1991	9/27/1991	9/27/1991	7/31/1991	7/31/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE					
1,1,2,2-TETRACHLOROETHANE					
1,1,2-TRICHLOROETHANE					
1,1-DICHLOROETHANE					
1,1-DICHLOROETHENE					
1,2-DICHLOROETHANE					
1,2-DICHLOROETHENE					
1,2-DICHLOROPROPANE					
2-BUTANONE					
2-HEXANONE					
4-METHYL-2-PENTANONE					
ACETONE					
BENZENE					
BROMODICHLOROMETHANE					
BROMOFORM					
BROMOMETHANE					
CARBON DISULFIDE					
CARBON TETRACHLORIDE					
CHLOROBENZENE					
CHLOROETHANE					
CHLOROFORM					
CHLOROMETHANE (METHYL CHLORIDE)					
CIS-1,3-DICHLOROPROPENE					
DIBROMOCHLOROMETHANE					
DICHLOROMETHANE (METHYLENE CHLORIDE)					
ETHYLBENZENE					
M,P-XYLENES					
METHYL TERT-BUTYL ETHER					
METHYLENE CHLORIDE					
NAPHTHALENE	5.2U	5.2U	5.1U	51U	5U
O-XYLENE					
STYRENE					
TETRACHLOROETHENE					
TOLUENE					
TOTAL XYLENES					
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE					
TRICHLOROETHENE					
VINYL ACETATE					
VINYL CHLORIDE					
XYLENE					

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	UT-3	UT-4	W165	W165	W165
SAMPLE	A12122	A12123	W165-S (A11689)	W' 165-SC (A11703)	W165-1 (A11728)
DEPTH (FT)	0-0.5	0-0.5	0-0.5	0-0.5	1-1
DATE	7/31/1991	7/31/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE					
1,1,2,2-TETRACHLOROETHANE					
1,1,2-TRICHLOROETHANE					
1,1-DICHLOROETHANE					
1,1-DICHLOROETHENE					
1,2-DICHLOROETHANE					
1,2-DICHLOROETHENE					
1,2-DICHLOROPROPANE					
2-BUTANONE					
2-HEXANONE					
4-METHYL-2-PENTANONE					
ACETONE					
BENZENE					
BROMODICHLOROMETHANE					
BROMOFORM					
BROMOMETHANE					
CARBON DISULFIDE					
CARBON TETRACHLORIDE					
CHLOROBENZENE					
CHLOROETHANE					
CHLOROFORM					
CHLOROMETHANE (METHYL CHLORIDE)					
CIS-1,3-DICHLOROPROPENE					
DIBROMOCHLOROMETHANE					
DICHLOROMETHANE (METHYLENE CHLORIDE)					
ETHYLBENZENE					
M,P-XYLENES					
METHYL TERT-BUTYL ETHER					
METHYLENE CHLORIDE					
NAPHTHALENE	5.1U	5U	5.5U	5.5U	5.7U
O-XYLENE					
STYRENE					
TETRACHLOROETHENE					
TOLUENE					
TOTAL XYLENES					
TRANS-1,2-DICHLOROETHENE					
TRANS-1,3-DICHLOROPROPENE					
TRICHLOROETHENE					
VINYL ACETATE					
VINYL CHLORIDE					
XYLENE					

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	W25	W25	W25	W95
SAMPLE	W25-S (A11688)	W' 25-SC (A11713)	W25-1 (11715)	W95-S (A11687)
DEPTH (FT)	0-0.5	0-0.5	1-1	0-0.5
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE				
1,1,2,2-TETRACHLOROETHANE				
1,1,2-TRICHLOROETHANE				
1,1-DICHLOROETHANE				
1,1-DICHLOROETHENE				
1,2-DICHLOROETHANE				
1,2-DICHLOROETHENE				
1,2-DICHLOROPROPANE				
2-BUTANONE				
2-HEXANONE				
4-METHYL-2-PENTANONE				
ACETONE				
BENZENE				
BROMODICHLOROMETHANE				
BROMOFORM				
BROMOMETHANE				
CARBON DISULFIDE				
CARBON TETRACHLORIDE				
CHLOROBENZENE				
CHLOROETHANE				
CHLOROFORM				
CHLOROMETHANE (METHYL CHLORIDE)				
CIS-1,3-DICHLOROPROPENE				
DIBROMOCHLOROMETHANE				
DICHLOROMETHANE (METHYLENE CHLORIDE)				
ETHYLBENZENE				
M,P-XYLENES				
METHYL TERT-BUTYL ETHER				
METHYLENE CHLORIDE				
NAPHTHALENE	5.1U	5.1U	6U	5.1U
O-XYLENE				
STYRENE				
TETRACHLOROETHENE				
TOLUENE				
TOTAL XYLENES				
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE				
TRICHLOROETHENE				
VINYL ACETATE				
VINYL CHLORIDE				
XYLENE				

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	W95	WPC	Y165	Y165
SAMPLE	W' 95-SC (A11700)	WPC	Y165-S (A11697)	Y' 165-SC (11706)
DEPTH (FT)	0-0.5		0-0.5	0-0.5
DATE	9/27/1991	10/30/1993	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE				
1,1,2,2-TETRACHLOROETHANE				
1,1,2-TRICHLOROETHANE				
1,1-DICHLOROETHANE				
1,1-DICHLOROETHENE				
1,2-DICHLOROETHANE				
1,2-DICHLOROETHENE				
1,2-DICHLOROPROPANE				
2-BUTANONE				
2-HEXANONE				
4-METHYL-2-PENTANONE				
ACETONE				
BENZENE		0.01U		
BROMODICHLOROMETHANE				
BROMOFORM				
BROMOMETHANE				
CARBON DISULFIDE				
CARBON TETRACHLORIDE				
CHLOROBENZENE				
CHLOROETHANE				
CHLOROFORM				
CHLOROMETHANE (METHYL CHLORIDE)				
CIS-1,3-DICHLOROPROPENE				
DIBROMOCHLOROMETHANE				
DICHLOROMETHANE (METHYLENE CHLORIDE)				
ETHYLBENZENE		0.01U		
M,P-XYLENES				
METHYL TERT-BUTYL ETHER				
METHYLENE CHLORIDE				
NAPHTHALENE	5.1U	1.21U	5.3U	5.2U
O-XYLENE				
STYRENE				
TETRACHLOROETHENE				
TOLUENE		0.01U		
TOTAL XYLENES		0.01U		
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE				
TRICHLOROETHENE				
VINYL ACETATE				
VINYL CHLORIDE				
XYLENE				

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	Y25	Y25	Y25	Y95
SAMPLE	Y25-S (A11698)	Y' 25-SC (A11709)	Y25-1 (A11722)	Y95-S (A11696)
DEPTH (FT)	0-0.5	0-0.5	1-1	0-0.5
DATE	9/27/1991	9/27/1991	9/27/1991	9/27/1991
UNITS	MG/KG	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE				
1,1,2,2-TETRACHLOROETHANE				
1,1,2-TRICHLOROETHANE				
1,1-DICHLOROETHANE				
1,1-DICHLOROETHENE				
1,2-DICHLOROETHANE				
1,2-DICHLOROETHENE				
1,2-DICHLOROPROPANE				
2-BUTANONE				
2-HEXANONE				
4-METHYL-2-PENTANONE				
ACETONE				
BENZENE				
BROMODICHLOROMETHANE				
BROMOFORM				
BROMOMETHANE				
CARBON DISULFIDE				
CARBON TETRACHLORIDE				
CHLOROBENZENE				
CHLOROETHANE				
CHLOROFORM				
CHLOROMETHANE (METHYL CHLORIDE)				
CIS-1,3-DICHLOROPROPENE				
DIBROMOCHLOROMETHANE				
DICHLOROMETHANE (METHYLENE CHLORIDE)				
ETHYLBENZENE				
M,P-XYLENES				
METHYL TERT-BUTYL ETHER				
METHYLENE CHLORIDE				
NAPHTHALENE	5.3U	5.1U	5.8U	5.2U
O-XYLENE				
STYRENE				
TETRACHLOROETHENE				
TOLUENE				
TOTAL XYLENES				
TRANS-1,2-DICHLOROETHENE				
TRANS-1,3-DICHLOROPROPENE				
TRICHLOROETHENE				
VINYL ACETATE				
VINYL CHLORIDE				
XYLENE				

Appendix D - Surface Soil Data
Volatile Organic Compound 2

STATION	Y95	YR-SO-1	YR-SO-2
SAMPLE	Y' 95-SC (A11704)	HB052	HB053
DEPTH (FT)	0-0.5	0-1.3	0-0.75
DATE	9/27/1991	3/11/1986	4/2/1986
UNITS	MG/KG	MG/KG	MG/KG
1,1,1-TRICHLOROETHANE		0.005U	
1,1,2,2-TETRACHLOROETHANE		0.005UJ	
1,1,2-TRICHLOROETHANE		0.005U	
1,1-DICHLOROETHANE		0.005U	
1,1-DICHLOROETHENE		0.005U	
1,2-DICHLOROETHANE		0.005U	
1,2-DICHLOROETHENE			
1,2-DICHLOROPROPANE		0.005U	
2-BUTANONE			
2-HEXANONE		0.01UJ	
4-METHYL-2-PENTANONE		0.01UJ	
ACETONE		0.01UJ	
BENZENE		0.005U	
BROMODICHLOROMETHANE		0.005U	
BROMOFORM		0.005U	
BROMOMETHANE		0.01U	
CARBON DISULFIDE		0.005U	
CARBON TETRACHLORIDE		0.005U	
CHLOROBENZENE		0.005U	
CHLOROETHANE		0.01UJ	
CHLOROFORM		0.005U	
CHLOROMETHANE (METHYL CHLORIDE)		0.01UJ	
CIS-1,3-DICHLOROPROPENE		0.005UJ	
DIBROMOCHLOROMETHANE		0.005U	
DICHLOROMETHANE (METHYLENE CHLORIDE)		**0.006JB**	
ETHYLBENZENE		0.005U	
M,P-XYLENES			
METHYL TERT-BUTYL ETHER			
METHYLENE CHLORIDE			
NAPHTHALENE	5.1U	0.6U	**16J**
O-XYLENE			
STYRENE		0.005U	
TETRACHLOROETHENE		0.005U	
TOLUENE		**0.034**	
TOTAL XYLENES		0.005U	
TRANS-1,2-DICHLOROETHENE		0.005U	
TRANS-1,3-DICHLOROPROPENE		0.005UJ	
TRICHLOROETHENE		0.005U	
VINYL ACETATE			
VINYL CHLORIDE		0.01U	
XYLENE			

Appendix D - Surface Soil Data
Volatile Organic Compound 2

Notes:

Detected values shown in bold

Shaded values exceed screening criteria

MG/KG	Milligrams per kilogram
FT	Feet
B	Compound detected in method blank
J	Estimated amount
U	Analyte analyzed for but not detected; reported with detection limit value

APPENDIX D

DATA SUMMARY TABLES

APPENDIX D

LIST OF DATA SUMMARY TABLES

Groundwater Data
- Dioxins and Furans
- Herbicides and Pesticides
- Metals
- Pentachlorophenol
- Petroleum Hydrocarbons
- Semi-Volatile Organic Compounds
- Volatile Organic Compounds

Surface Soil Data
- Dioxins and Furans
- Metals
- Pentachlorophenol
- Petroleum Hydrocarbons
- Semi-Volatile Organic Compounds
- Volatile Organic Compounds

Subsurface Soil Data
- Dioxins and Furans
- Metals
- Pentachlorophenol
- Petroleum Hydrocarbons
- Pesticides
- Polychlorinated Biphenyl
- Semi-Volatile Organic Compounds
- Volatile Organic Compounds

Product, Sludge, and Waste Data
- Dioxins and Furans
- Metals
- Pentachlorophenol
- Petroleum Hydrocarbons
- Pesticides
- Semi-Volatile Organic Compounds
- Volatile Organic Compounds

APPENDIX D

GROUNDWATER DATA

DIOXINS AND FURANS

APPENDIX D

GROUNDWATER DATA

HERBICIDES AND PESTICIDES

APPENDIX D

GROUNDWATER DATA

METALS

APPENDIX D

GROUNDWATER DATA

PENTACHLOROPHENOL

APPENDIX D

GROUNDWATER DATA

PETROLEUM HYDROCARBONS

APPENDIX D

GROUNDWATER DATA

SEMI-VOLATILE ORGANIC COMPOUNDS

APPENDIX D

GROUNDWATER DATA

VOLATILE ORGANIC COMPOUNDS

APPENDIX D

SURFACE SOIL DATA

DIOXINS AND FURANS

APPENDIX D

SURFACE SOIL DATA

METALS

APPENDIX D

SURFACE SOIL DATA

PENTACHLOROPHENOL

APPENDIX D

SURFACE SOIL DATA

PETROLEUM HYDROCARBONS

APPENDIX D

SURFACE SOIL DATA

SEMI-VOLATILE ORGANIC COMPOUNDS

APPENDIX D

SURFACE SOIL DATA

VOLATILE ORGANIC COMPOUNDS

APPENDIX D

SUBSURFACE SOIL DATA

DIOXINS AND FURANS

APPENDIX D

SUBSURFACE SOIL DATA

METALS

APPENDIX D

SUBSURFACE SOIL DATA

PENTACHLOROPHENOL

APPENDIX D

SUBSURFACE SOIL DATA

PETROLEUM HYDROCARBONS

APPENDIX D

SUBSURFACE SOIL DATA

PESTICIDES

APPENDIX D

SUBSURFACE SOIL DATA

POLYCHLORINATED BIPHENYL

APPENDIX D

SUBSURFACE SOIL DATA

SEMI-VOLATILE ORGANIC COMPOUNDS

APPENDIX D

SUBSURFACE SOIL DATA

VOLATILE ORGANIC COMPOUNDS

APPENDIX D

PRODUCT, SLUDGE, AND WASTE DATA

DIOXINS AND FURANS, METALS, PENTACHLOROPHENOL, PETROLEUM HYDROCARBONS, PESTICIDES, SEMI-VOLATILE ORGANIC COMPOUNDS, VOLATILE ORGANIC COMPOUNDS

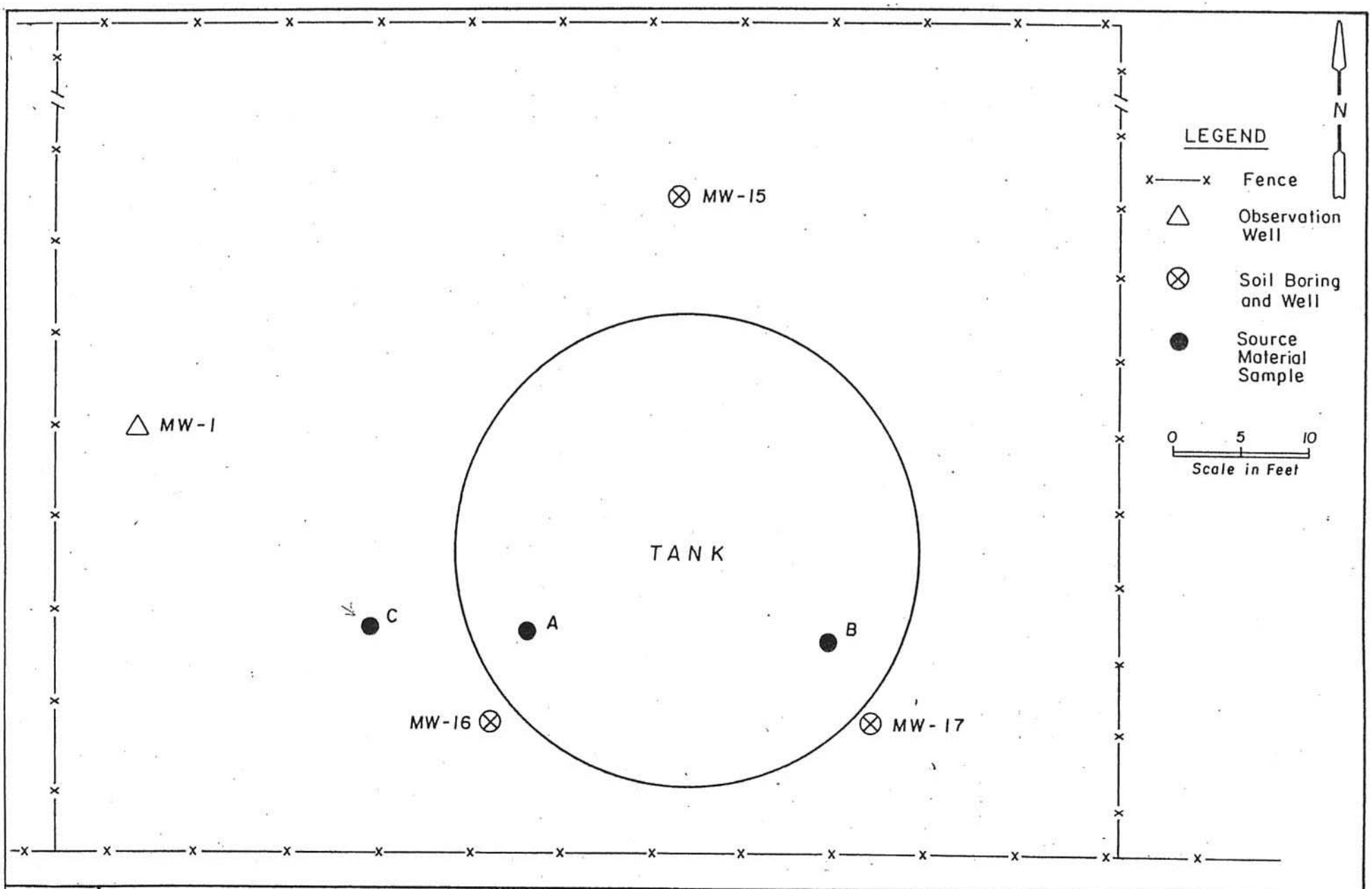
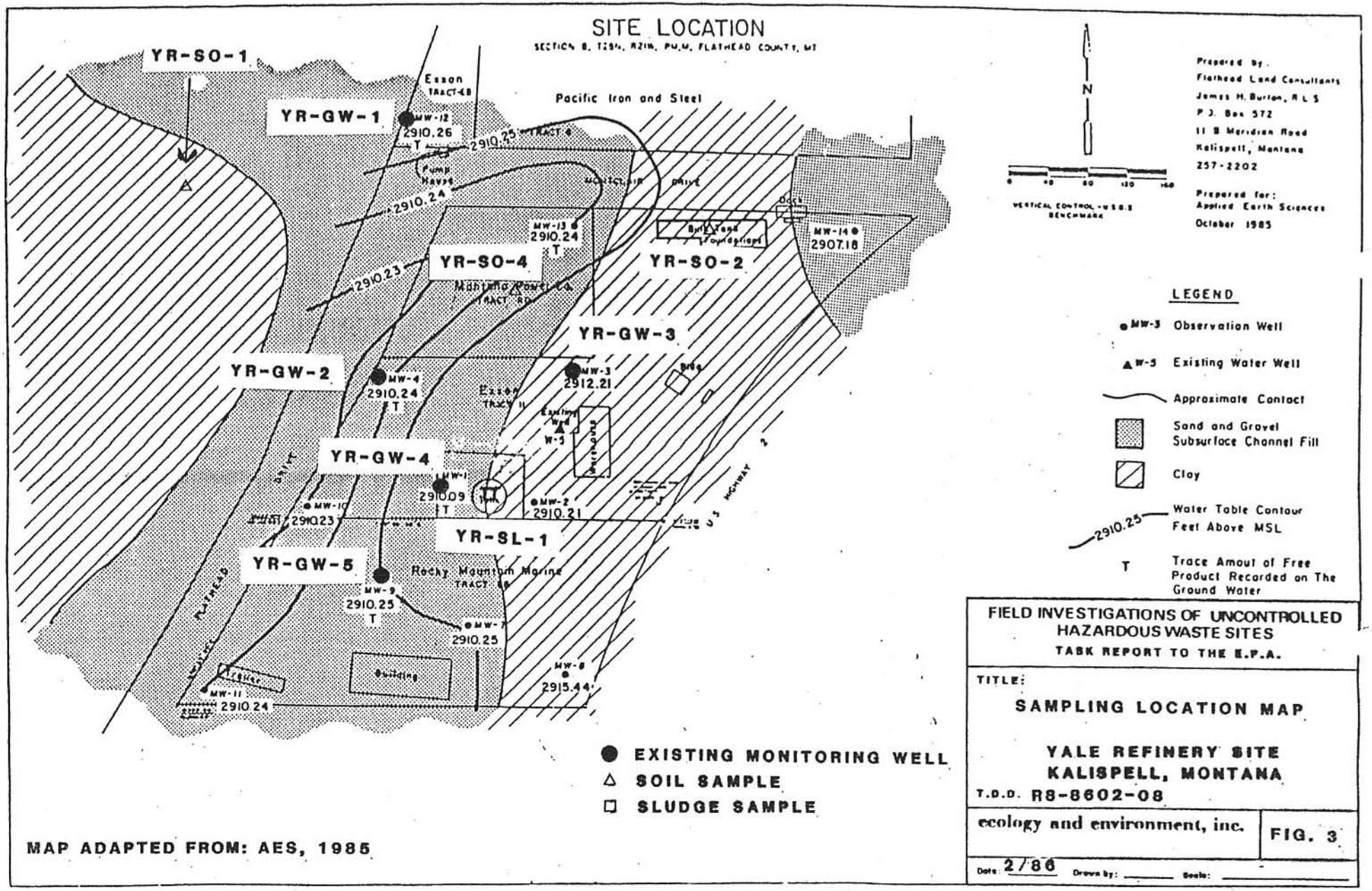
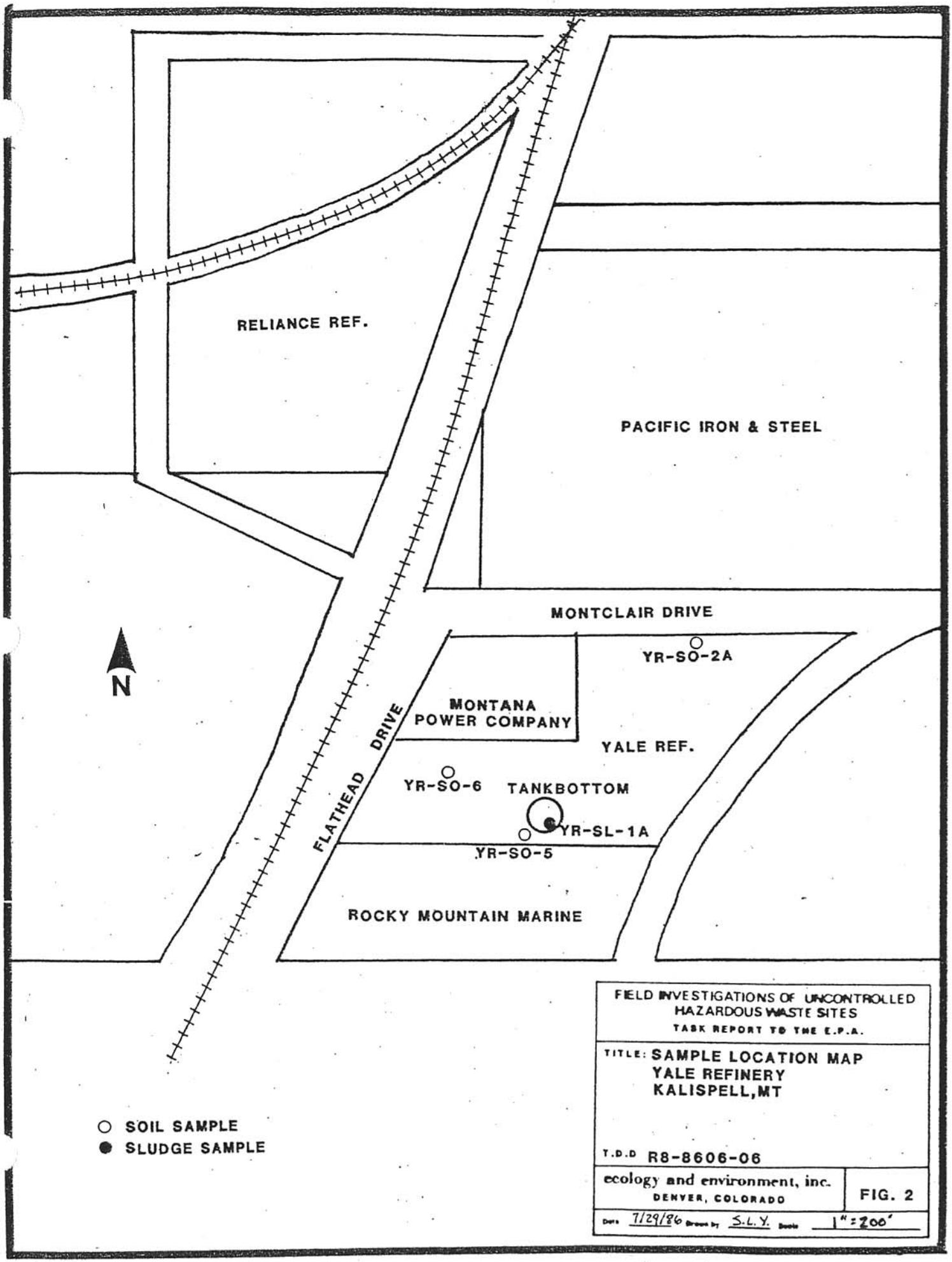


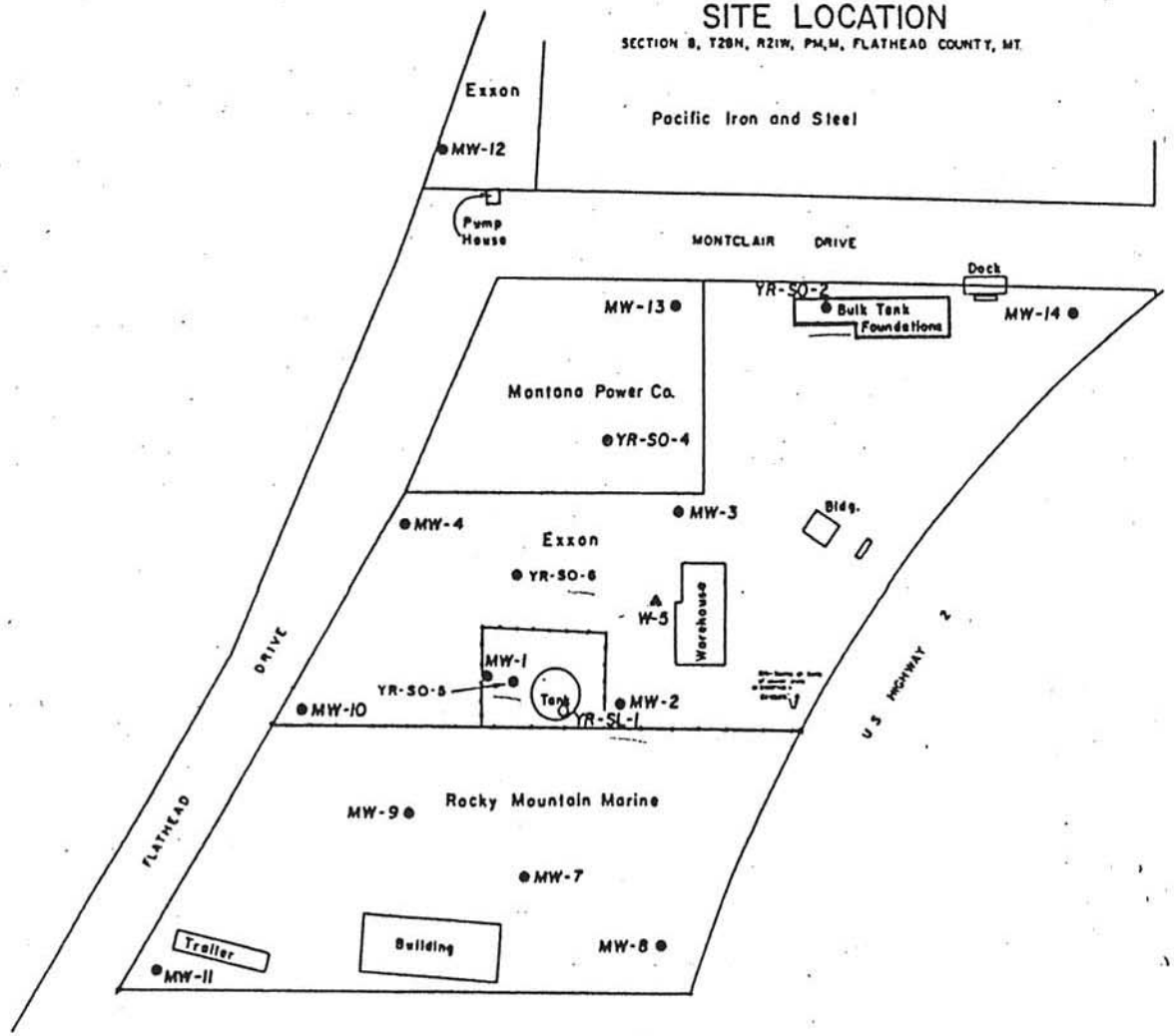
FIGURE 8	Applied Earth Sciences	NAME EXXON BULK PLANT Kalispell, Montana	Sampling Locations February 1986	FIGURE 8
	FILE No. 101-019 MADE BY: R. G. DATE: 4-19-86 CHECKED BY: DATE:			

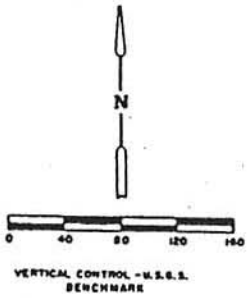

SITE LOCATION
SECTION 8, T29N, R21W, PM,M, FLATHEAD COUNTY, MT
YR-SO-1
YR-GW-1
YR-SO-4
YR-SO-2
YR-GW-3
YR-GW-2
YR-GW-4
YR-SL-1
YR-GW-5
Exxon TRACT 4B
Pacific Iron and Steel
Montana Power Co. TRACT RD
Exxon TRACT 11
Rocky Mountain Marine TRACT 6B
MW-12 2910.26 T
MW-13 2910.24 T
MW-14 2907.18
MW-4 2910.24 T
MW-3 2912.21
MW-1 2910.09 T
MW-2 2910.21
MW-10 2910.23
MW-9 2910.25 T
MW-7 2910.25
MW-8 2915.44
MW-11 2910.24
2910.25
2910.24
2910.23
Pump House
Bulk Tank Foundations
Dock
Bldg
Building
Trailer
Existing Well W-5
U.S. HIGHWAY 2
FLATHEAD
N
VERTICAL CONTROL - U.S.G.S. BENCHMARK
Prepared by:
Flathead Land Consultants
James H. Burton, R.L.S.
P.O. Box 572
11 B Meridian Road
Kalispell, Montana
257-2202
Prepared for:
Applied Earth Sciences
October 1985
LEGEND
MW-3 Observation Well
W-5 Existing Water Well
Approximate Contact
Sand and Gravel Subsurface Channel Fill
Clay
2910.25 Water Table Contour Feet Above MSL
T Trace Amout of Free Product Recorded on The Ground Water
EXISTING MONITORING WELL
SOIL SAMPLE
SLUDGE SAMPLE
MAP ADAPTED FROM: AES, 1985
FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES
TASK REPORT TO THE E.P.A.
TITLE:
SAMPLING LOCATION MAP
YALE REFINERY SITE
KALISPELL, MONTANA
T.D.D. R8-8602-08
ecology and environment, inc.
FIG. 3
Date: 2/86
Drawn by:
Scale:


RELIANCE REF.
PACIFIC IRON & STEEL
MONTCLAIR DRIVE
YR-SO-2A
N
MONTANA
POWER COMPANY
FLATHEAD DRIVE
YALE REF.
YR-SO-6
TANKBOTTOM
YR-SL-1A
YR-SO-5
ROCKY MOUNTAIN MARINE
SOIL SAMPLE
SLUDGE SAMPLE
FIELD INVESTIGATIONS OF UNCONTROLLED
HAZARDOUS WASTE SITES
TASK REPORT TO THE E.P.A.
TITLE: SAMPLE LOCATION MAP
YALE REFINERY
KALISPELL, MT
T.D.D R8-8606-06
ecology and environment, inc.
DENVER, COLORADO
FIG. 2
Date 7/29/86 Drawn by S.L.Y. Scale 1" = 200'

SITE LOCATION

SECTION 8, T28N, R21W, PM,M, FLATHEAD COUNTY, MT.





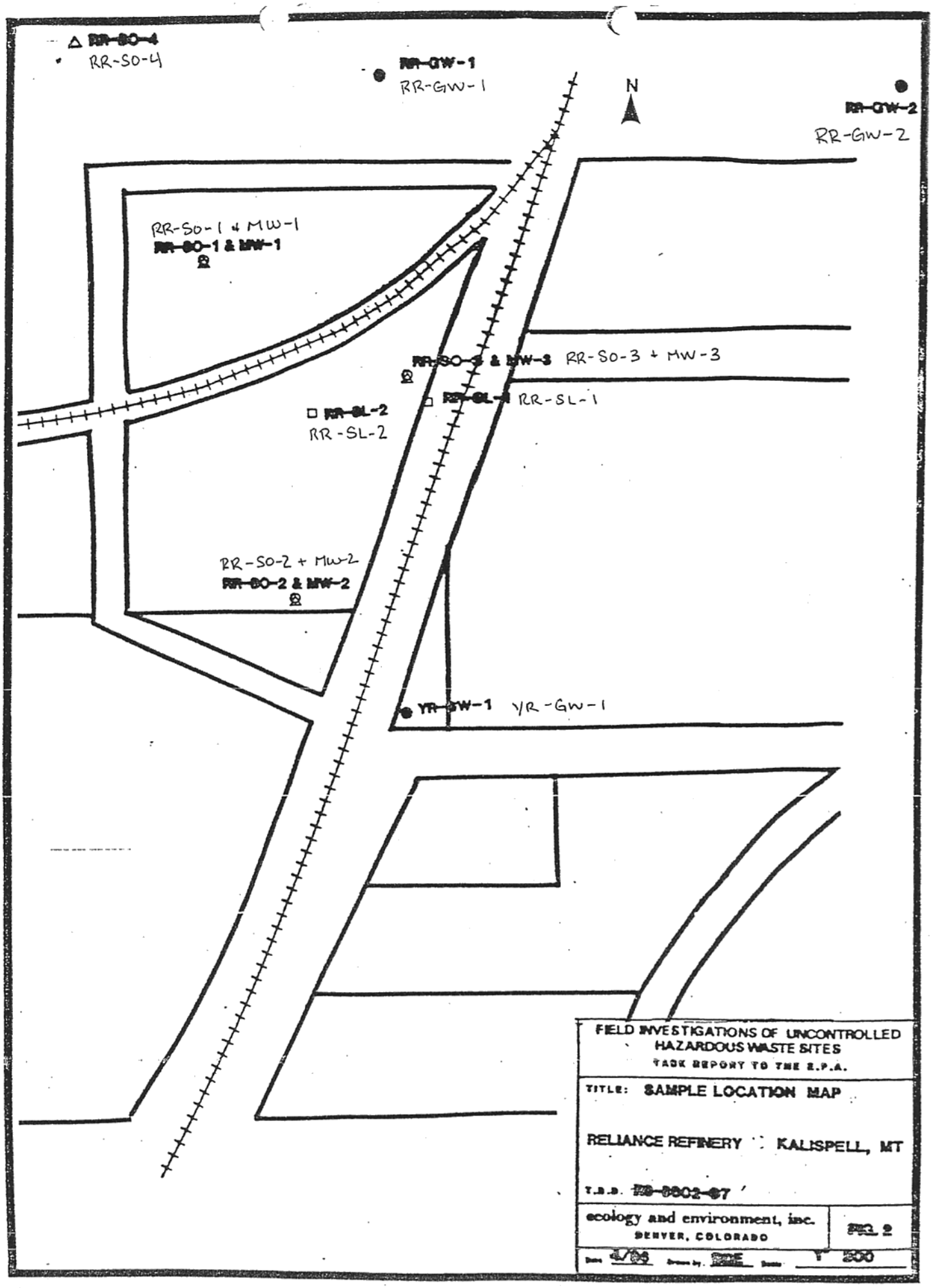
Prepared by:
Flathead Land Consultants
James H. Burton, R.L.S.
P.O. Box 572
11 B Meridian Road
Kalispell, Montana
257-2202

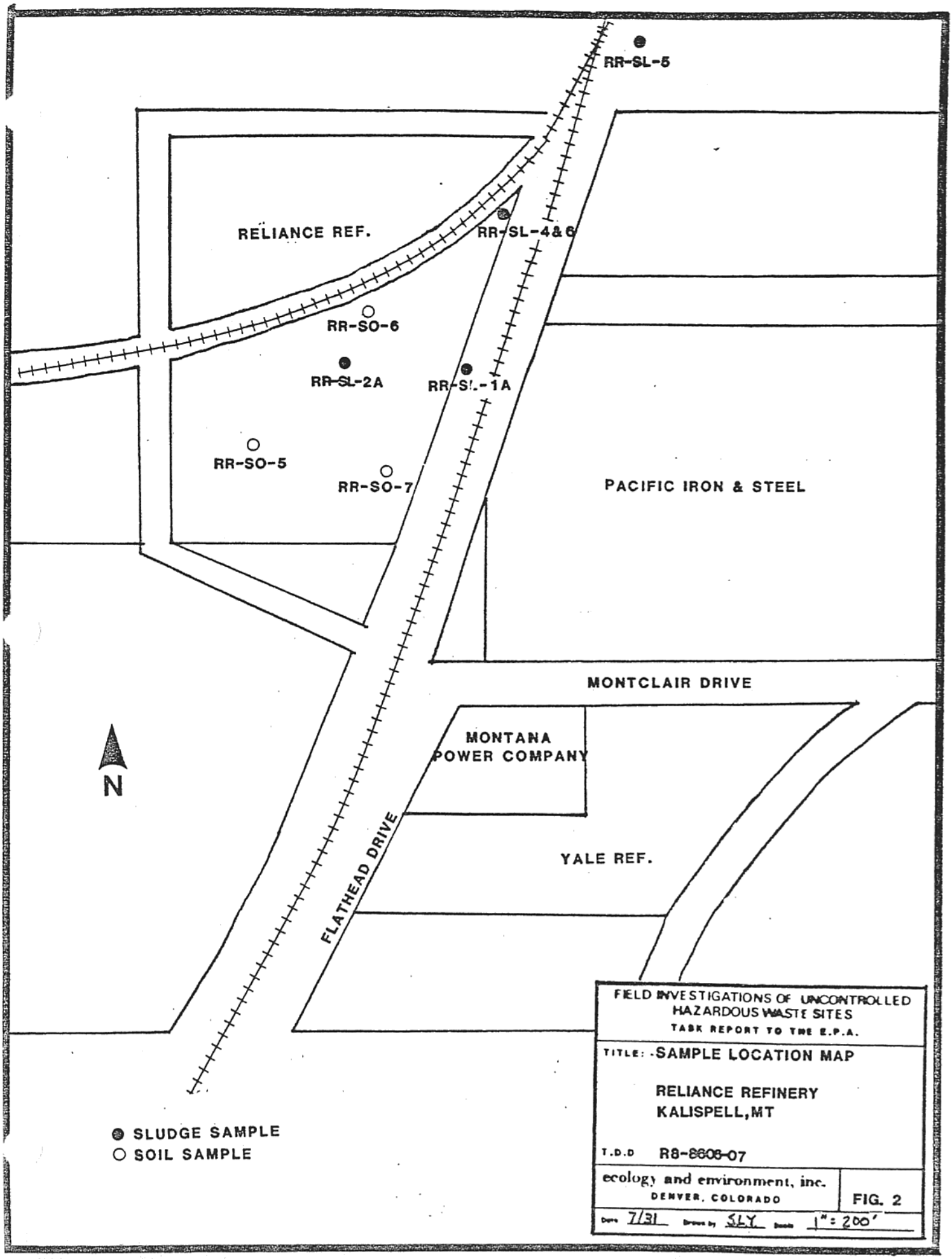
Prepared for:
Applied Earth Sciences
October 1985

LEGEND

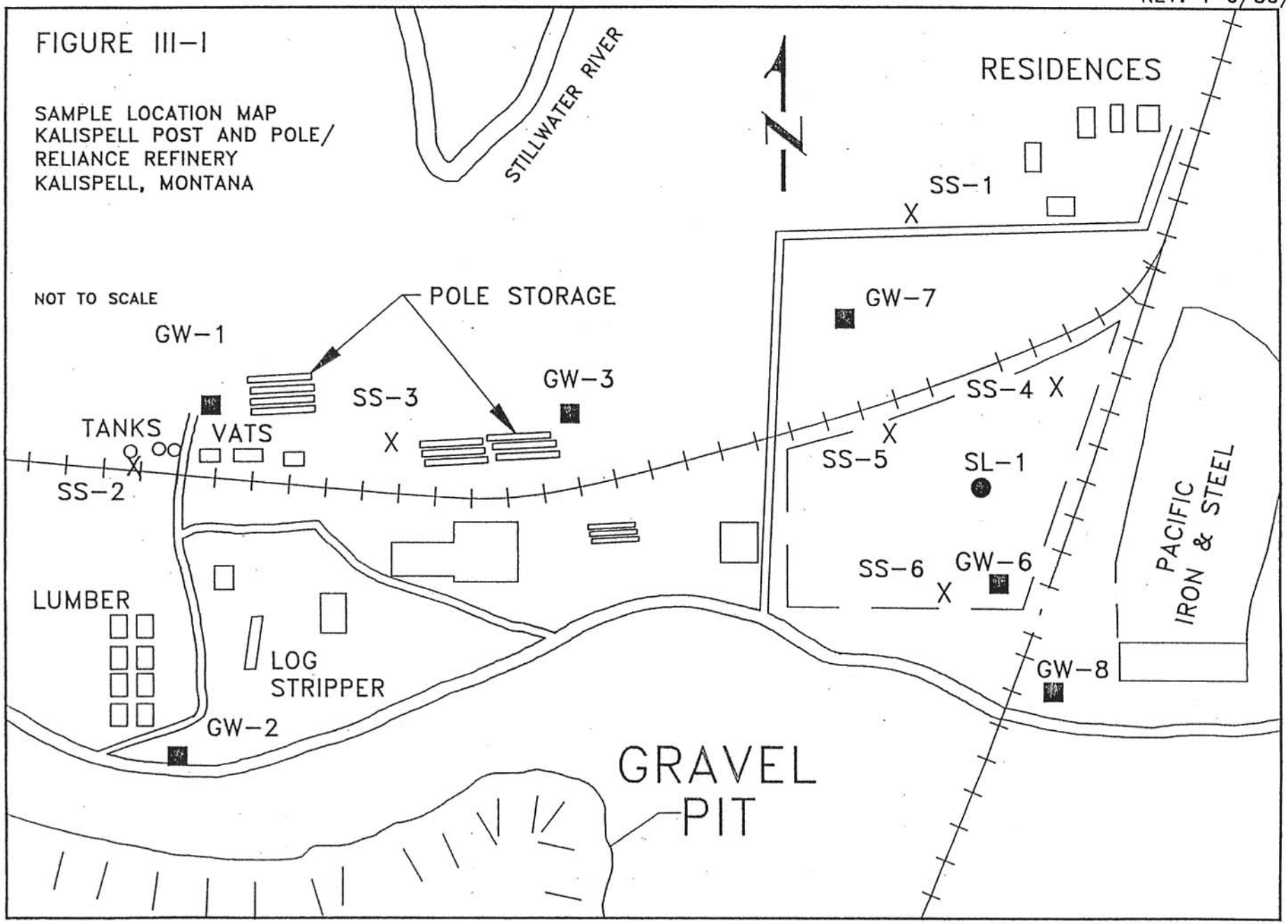
- ● MW-3 Observation Well
- ▲ W-5 Existing Water Well
- ● YR-SO-2 Soil Sampling Location
- O YR-SL-1 Sludge Sampling Location

Applied Earth Sciences		NAME		FIGURE
FILE No. 101-019	MADE BY: R. G. DATE: 3-14-86 CHECKED BY: DATE:	EXXON BULK PLANT AND RELIANCE REFINERY Kalispell, Montana	SITE LAYOUT AND SAMPLING POINTS	1


RR-SO-4
RR-SO-4
RR-GW-1
RR-GW-1
N
RR-GW-2
RR-GW-2
RR-SO-1 + MW-1
RR-SO-1 & MW-1
RR-SO-3 & MW-3
RR-SO-3 + MW-3
RR-SL-1
RR-SL-1
RR-SL-2
RR-SL-2
RR-SO-2 + MW-2
RR-SO-2 & MW-2
YR-GW-1
YR-GW-1
FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES
TASK REPORT TO THE E.P.A.
TITLE: SAMPLE LOCATION MAP
RELIANCE REFINERY : KALISPELL, MT
T.S.D. 78-0802-07
ecology and environment, inc.
DENVER, COLORADO
FIG. 2
4/86
1" 200


RR-SL-5
RELIANCE REF.
RR-SL-4&6
RR-SO-6
RR-SL-2A
RR-SL-1A
RR-SO-5
RR-SO-7
PACIFIC IRON & STEEL
MONTCLAIR DRIVE
MONTANA POWER COMPANY
N
FLATHEAD DRIVE
YALE REF.
SLUDGE SAMPLE
SOIL SAMPLE
FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES
TASK REPORT TO THE E.P.A.
TITLE: SAMPLE LOCATION MAP
RELIANCE REFINERY
KALISPELL, MT
T.D.D R8-8608-07
ecology and environment, inc.
DENVER, COLORADO
FIG. 2
Date 7/31 Drawn by SLY Scale 1" = 200'

ACAD # 3M1219
6-1-89
REV. 1 6/30/89



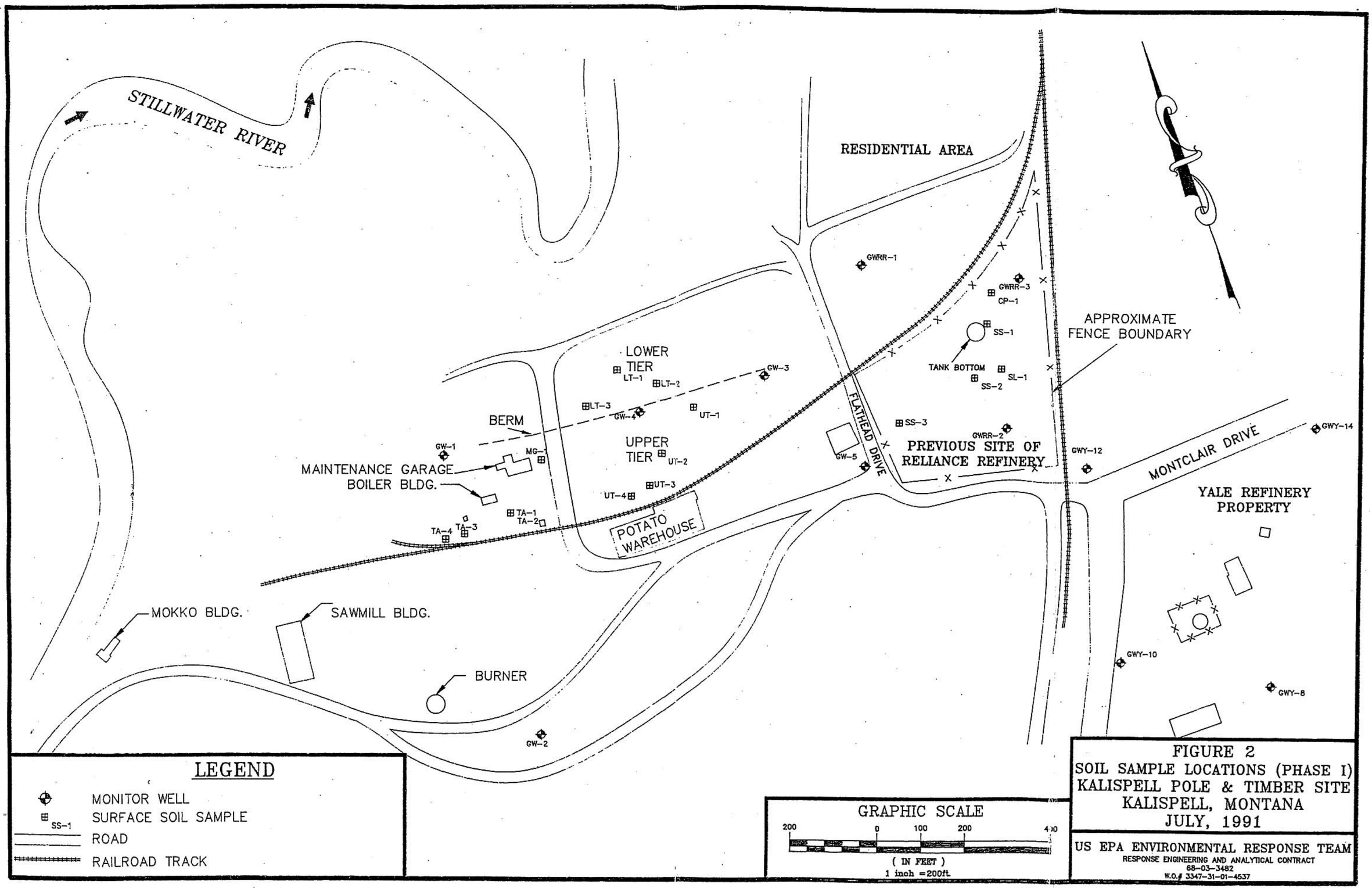


FIGURE 2
SOIL SAMPLE LOCATIONS (PHASE I)
KALISPELL POLE & TIMBER SITE
KALISPELL, MONTANA
JULY, 1991

US EPA ENVIRONMENTAL RESPONSE TEAM
RESPONSE ENGINEERING AND ANALYTICAL CONTRACT
68-03-3482
W.O.# 3347-31-01-4537

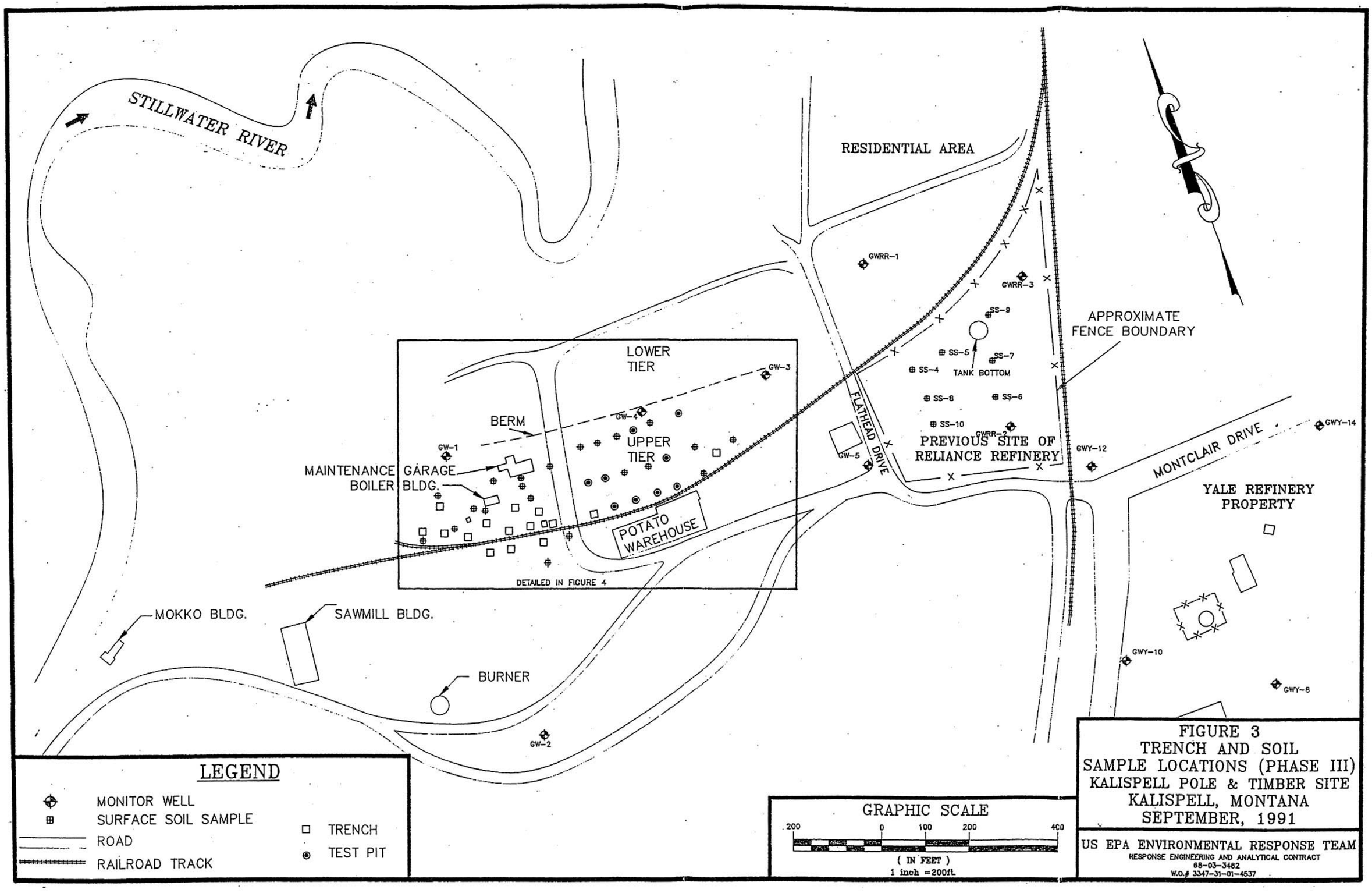


FIGURE 3
TRENCH AND SOIL
SAMPLE LOCATIONS (PHASE III)
KALISPELL POLE & TIMBER SITE
KALISPELL, MONTANA
SEPTEMBER, 1991

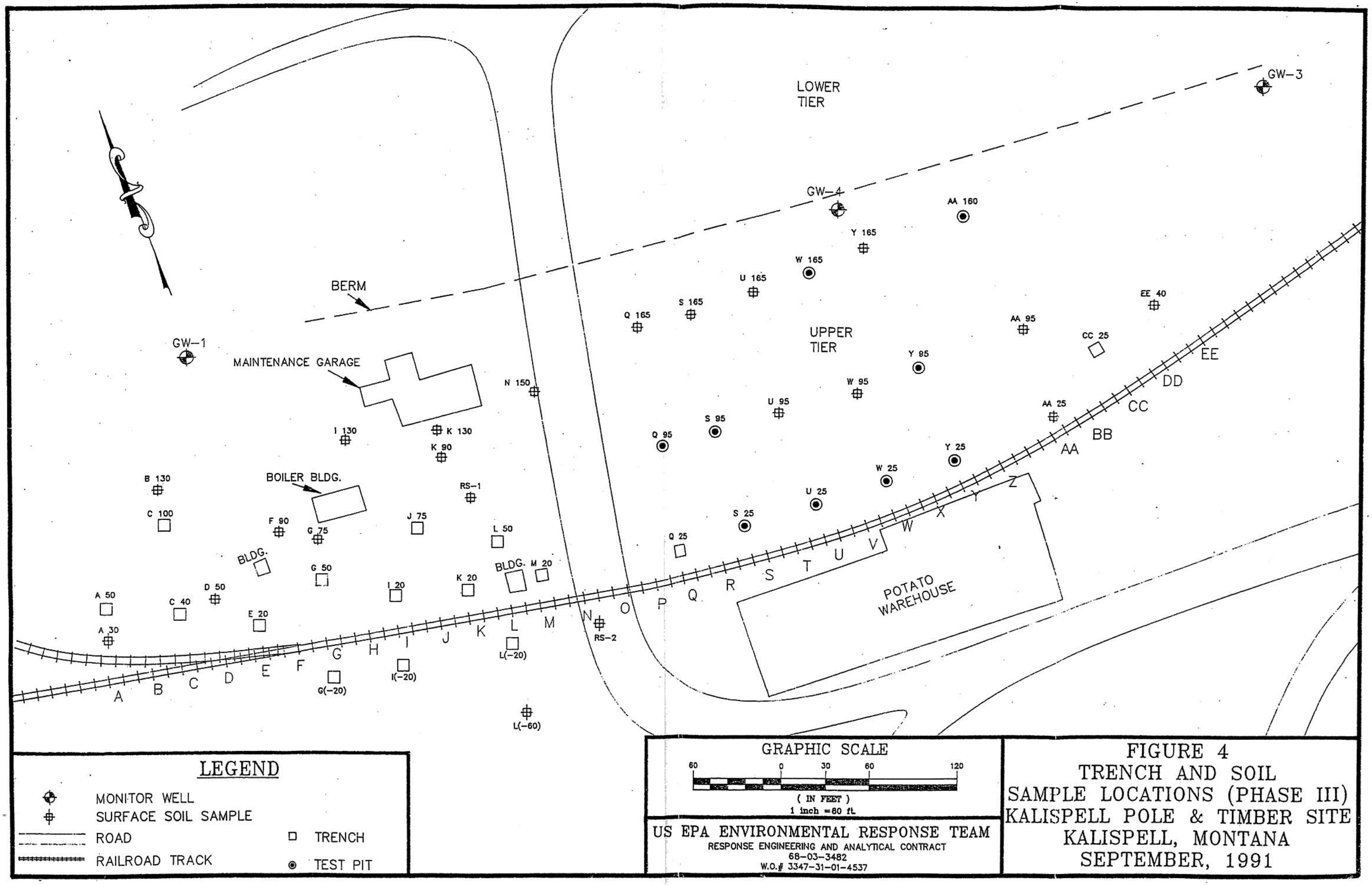


FIGURE 4
TRENCH AND SOIL
SAMPLE LOCATIONS (PHASE III)
KALISPELL POLE & TIMBER SITE
KALISPELL, MONTANA
SEPTEMBER, 1991

Figure 2. Boring Locations , EH-2.
o Boring location
• Monitoring Well Location

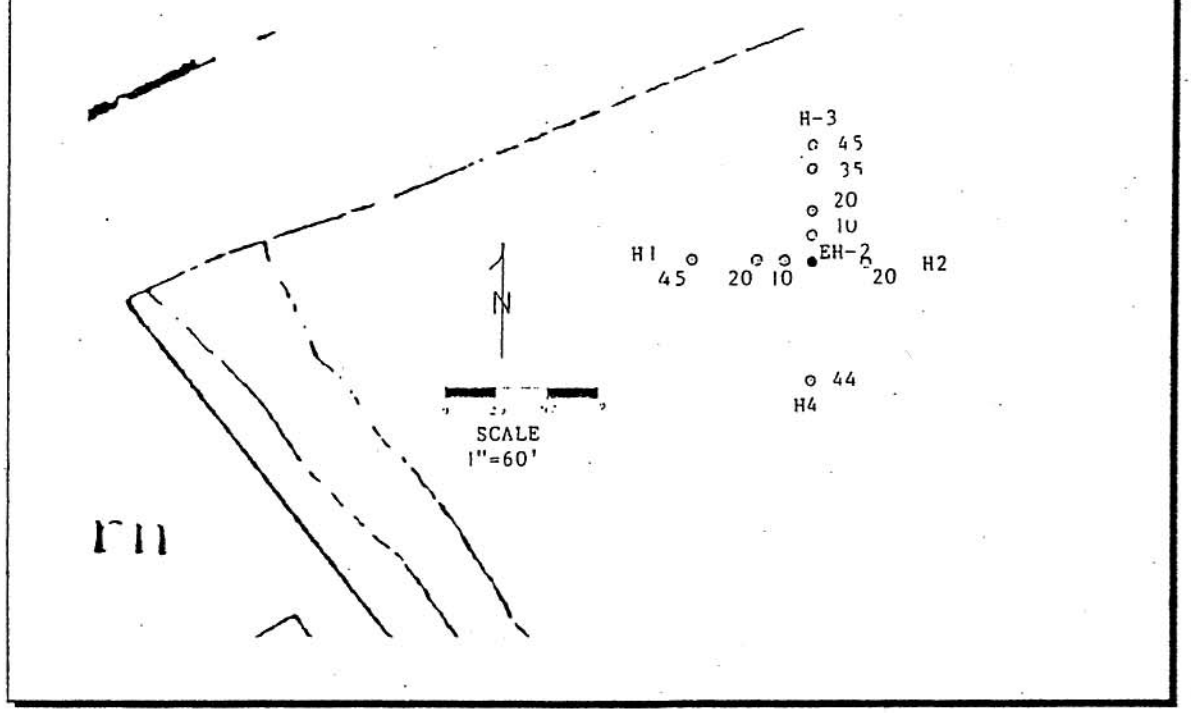
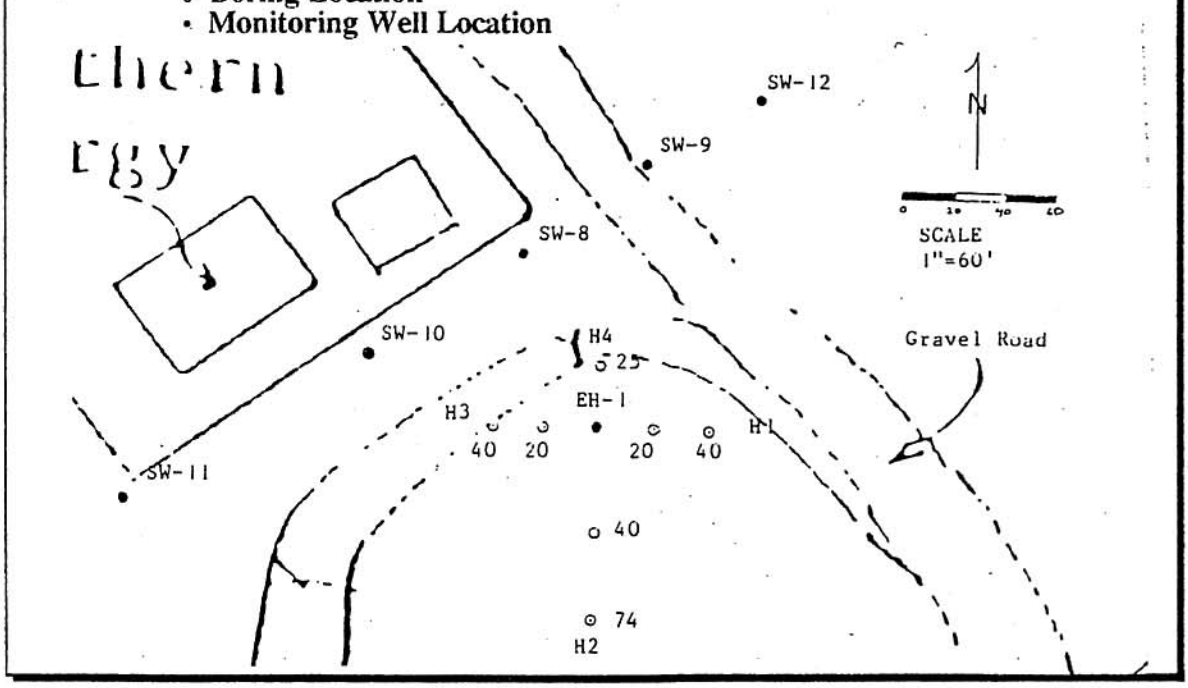


Figure 3. EH-1 Boring and Monitoring Well Locations.
o Boring Location
• Monitoring Well Location



6369-01-04

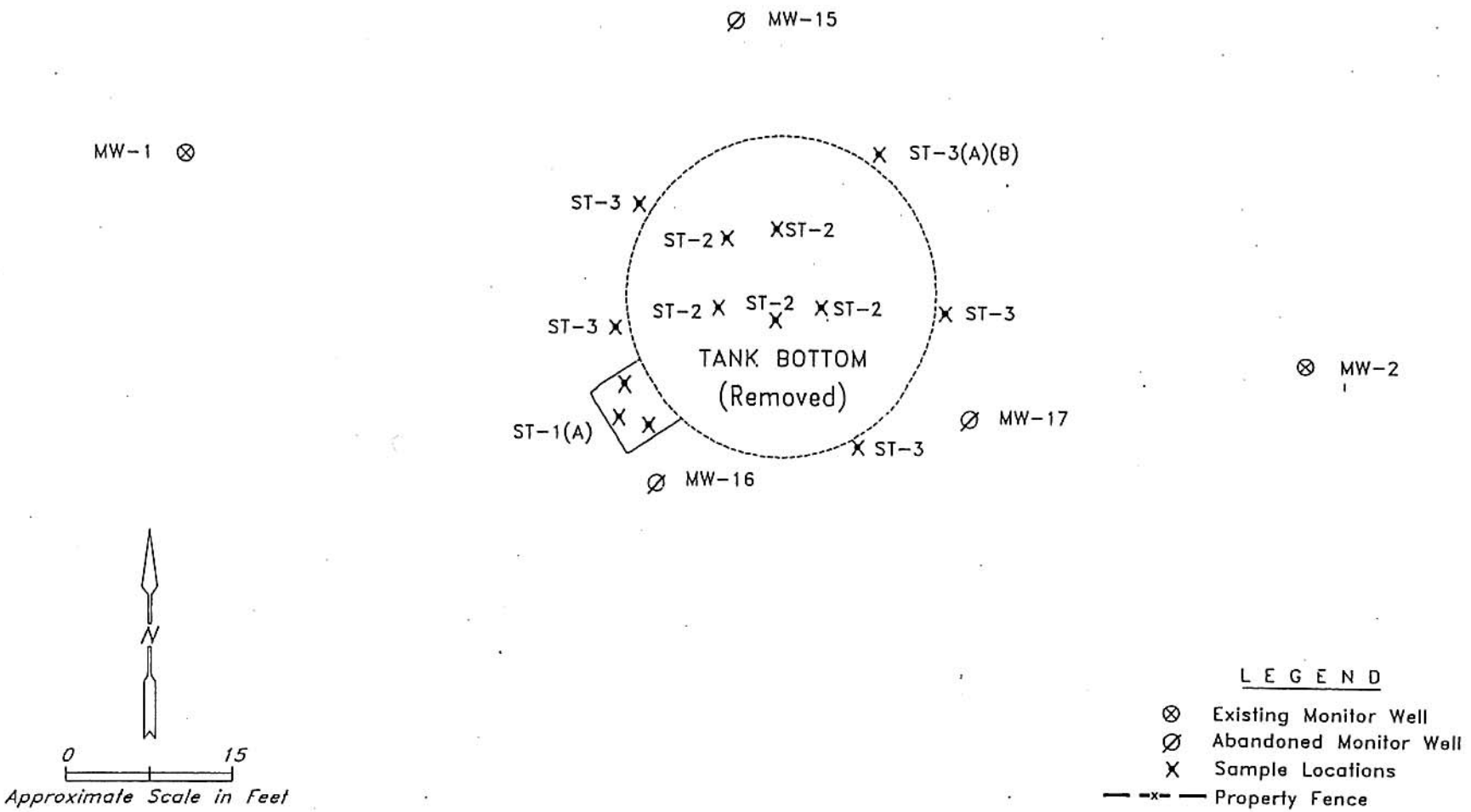


FIGURE	Applied Earth Sciences	NAME		FIGURE
2	File No. 001-06369-01 / MADE BY: R.G. DATE: 3-16-94 / CHECKED BY: D.H. DATE: 3-16-94	EXXON BULK PLANT Kalispell, Montana	Tank Bottom Removal Soil Sample Location Map (Prior to Excavation)	2

6396-01-05

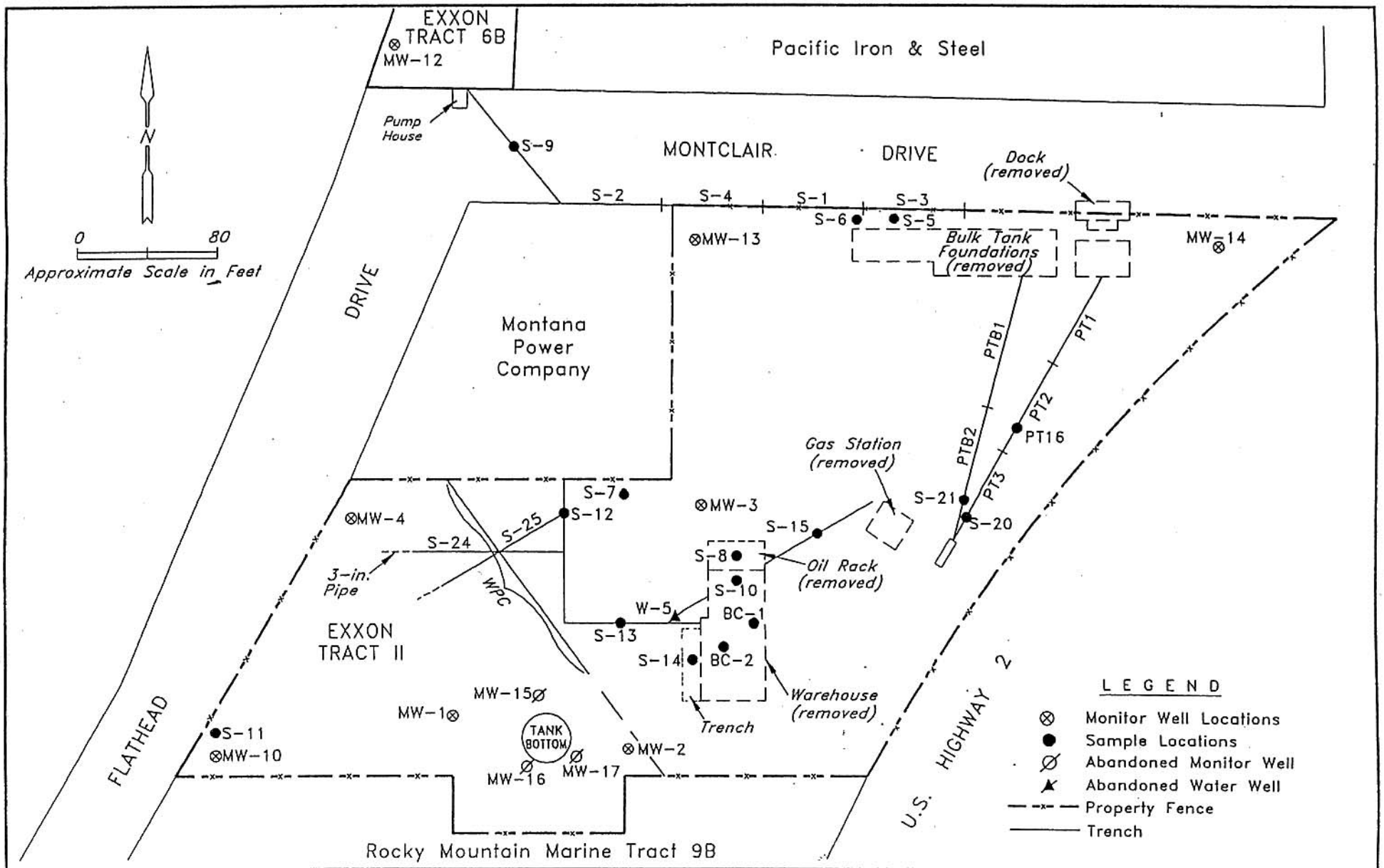


FIGURE	Applied Earth Sciences	NAME		FIGURE
4	File No. 001-06369-01 / MADE BY: R.G. DATE: 3-16-94 / CHECKED BY: D.H. DATE: 3-16-94	EXXON BULK PLANT Kalispell, Montana	Pipe Removal – Soil Sample Location Map	4

6369-01-03

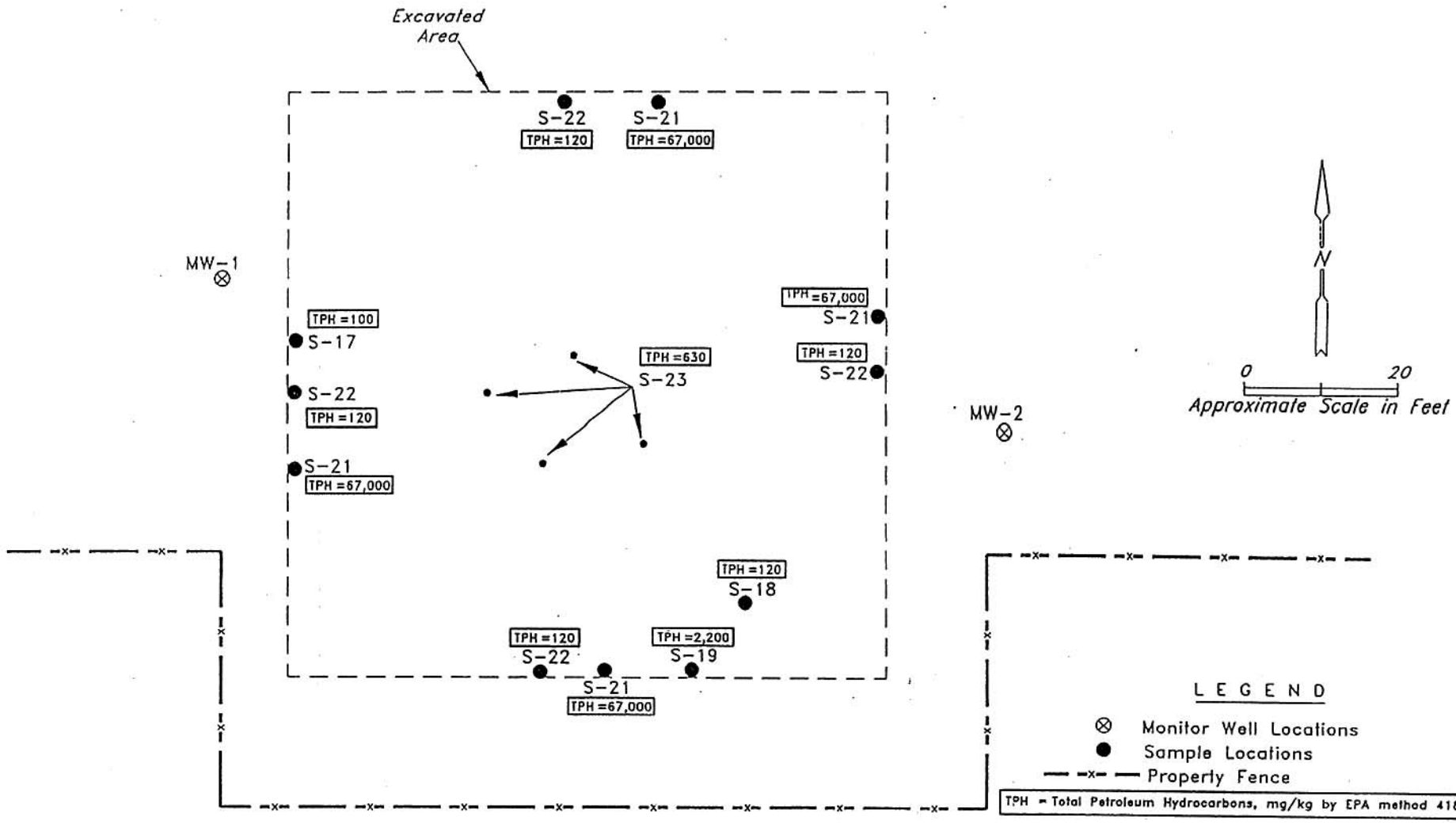
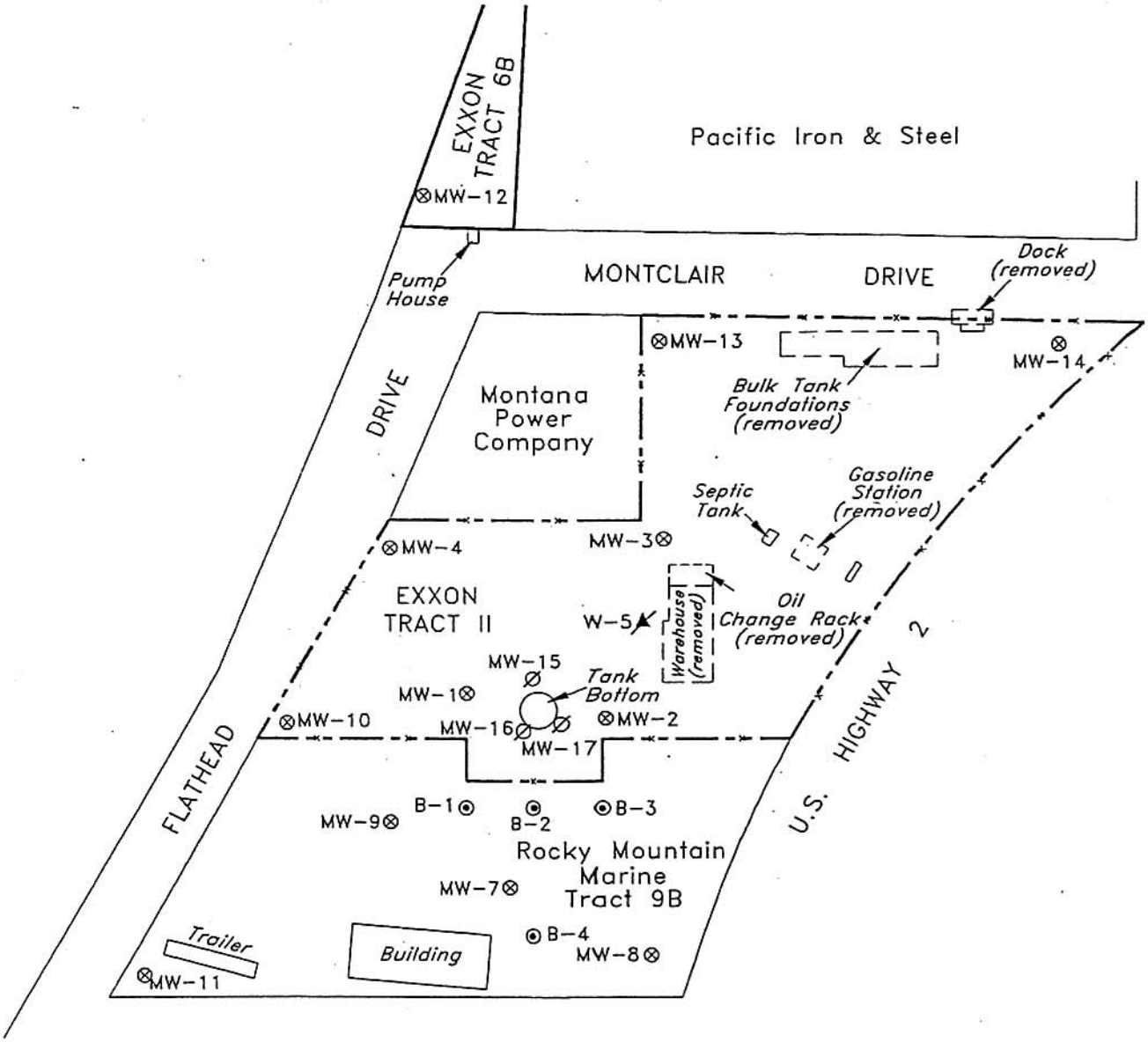
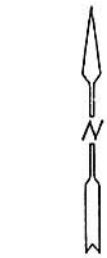


FIGURE 6	Applied Earth Sciences	NAME		FIGURE
	File No. 001-06369-01 / MADE BY: R.G. DATE: 3-16-94 / CHECKED BY: D.H. DATE: 3-16-94	EXXON BULK PLANT Kalispell, Montana	Tank Bottom Area Soil Sample Locations	6

6369-01-02





Not to Scale

LEGEND

- Monitor Well Locations
- Boring Locations
- Abandoned Monitor Well Locations
- Abandoned Water Well Location
- Property Fence

Applied Earth Sciences		NAME		FIGURE
File No. 001-06369-01	MADE BY: R.G. DATE: 3-16-94 CHECKED BY: D.H. DATE: 3-16-94	EXXON BULK PLANT Kalispell, Montana	Boring Location Map	5

6396-01-07

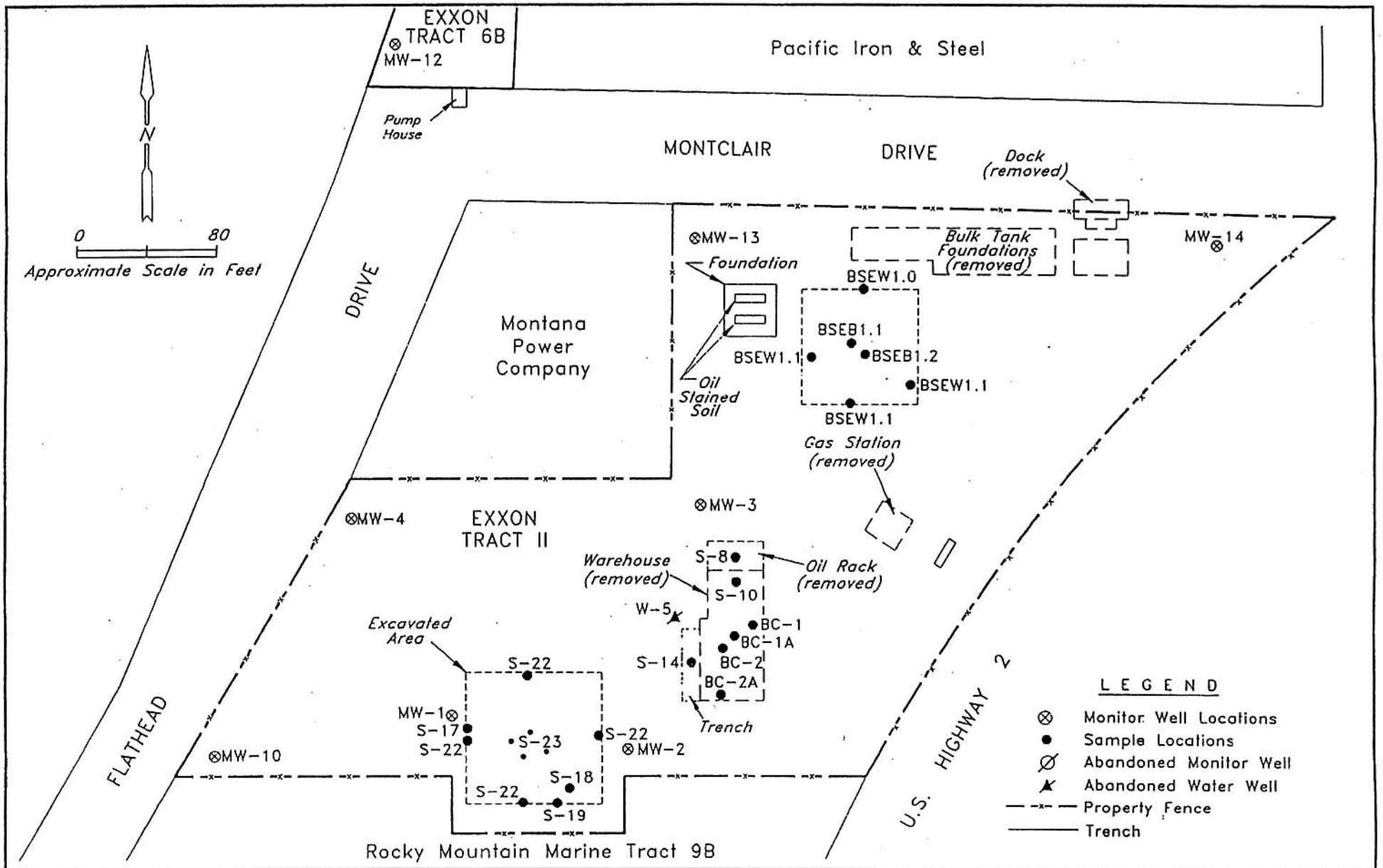
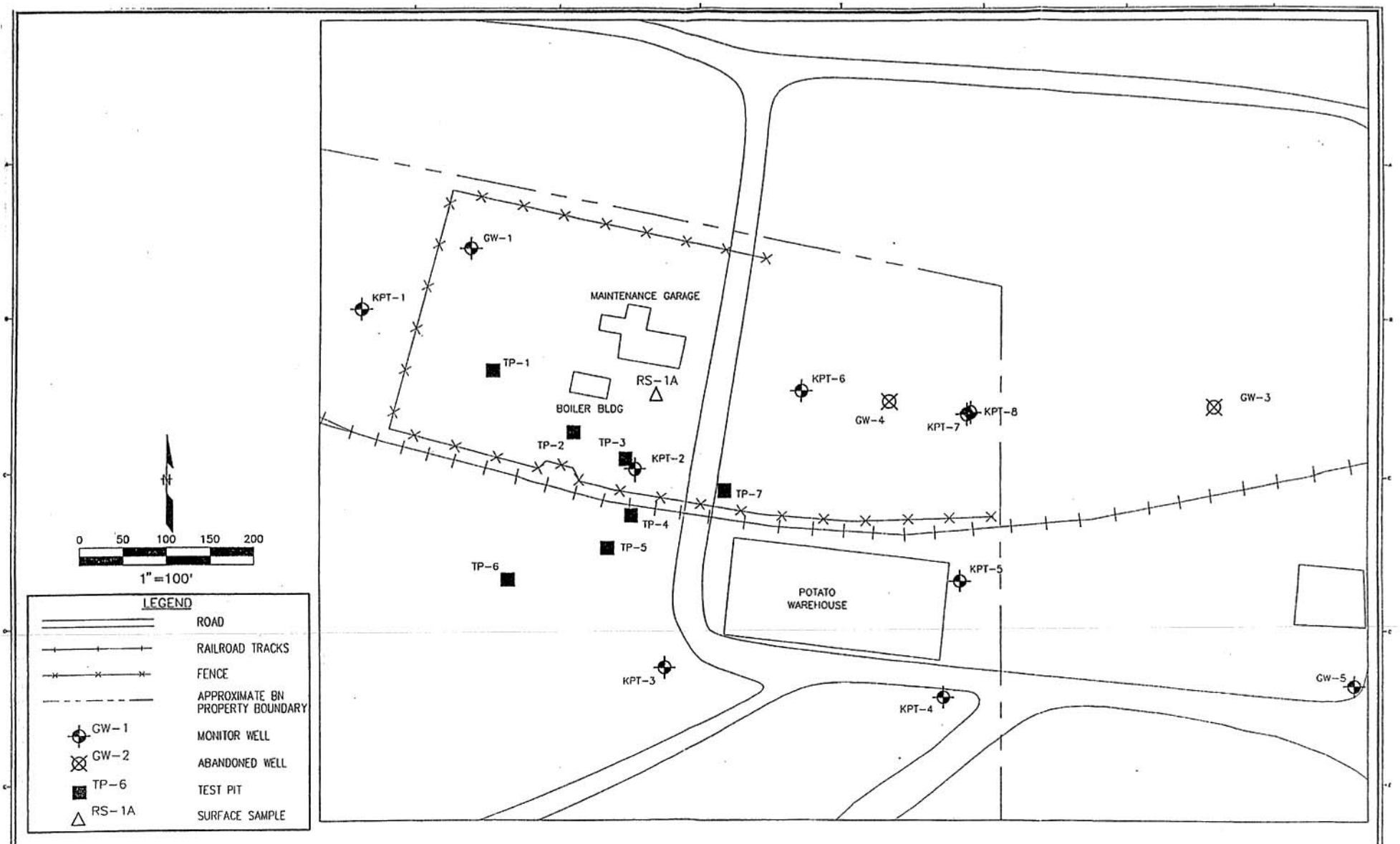


FIGURE 7	Applied Earth Sciences	NAME		FIGURE
	File No. 001-06369-01 / MADE BY: R.G. DATE: 3-17-94 / CHECKED BY: D.H. DATE: 3-17-94	EXXON BULK PLANT Kalispell, Montana	Overexcavation – Soil Sample Location Map	7



NO	DRWN	DATE	REVISION	CHKD	DATE	APPRD	DATE
1	MAR	8/11/95	MODIFY BASE AND ADD SAMPLE PT.				
0	RLL	5/15/95	DRAFT				

BURLINGTON NORTHERN RAILROAD
KALISPELL POLE AND TIMBER
3-1711-300

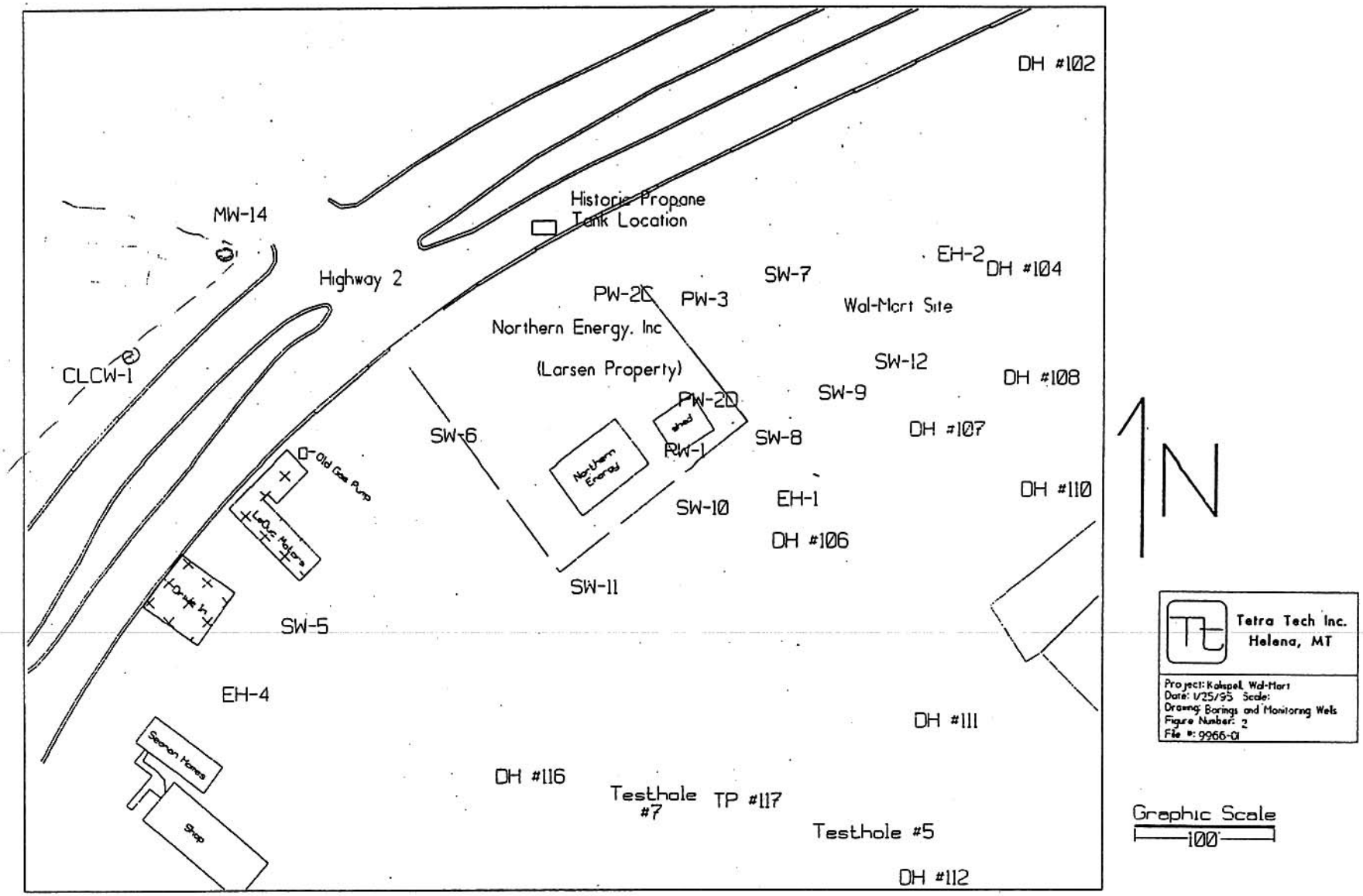
LOCATIONS OF MONITOR WELLS & TEST PITS

KALISPELL, MT

RETEC
REMEDIATION TECHNOLOGIES INC

FIGURE 2-1

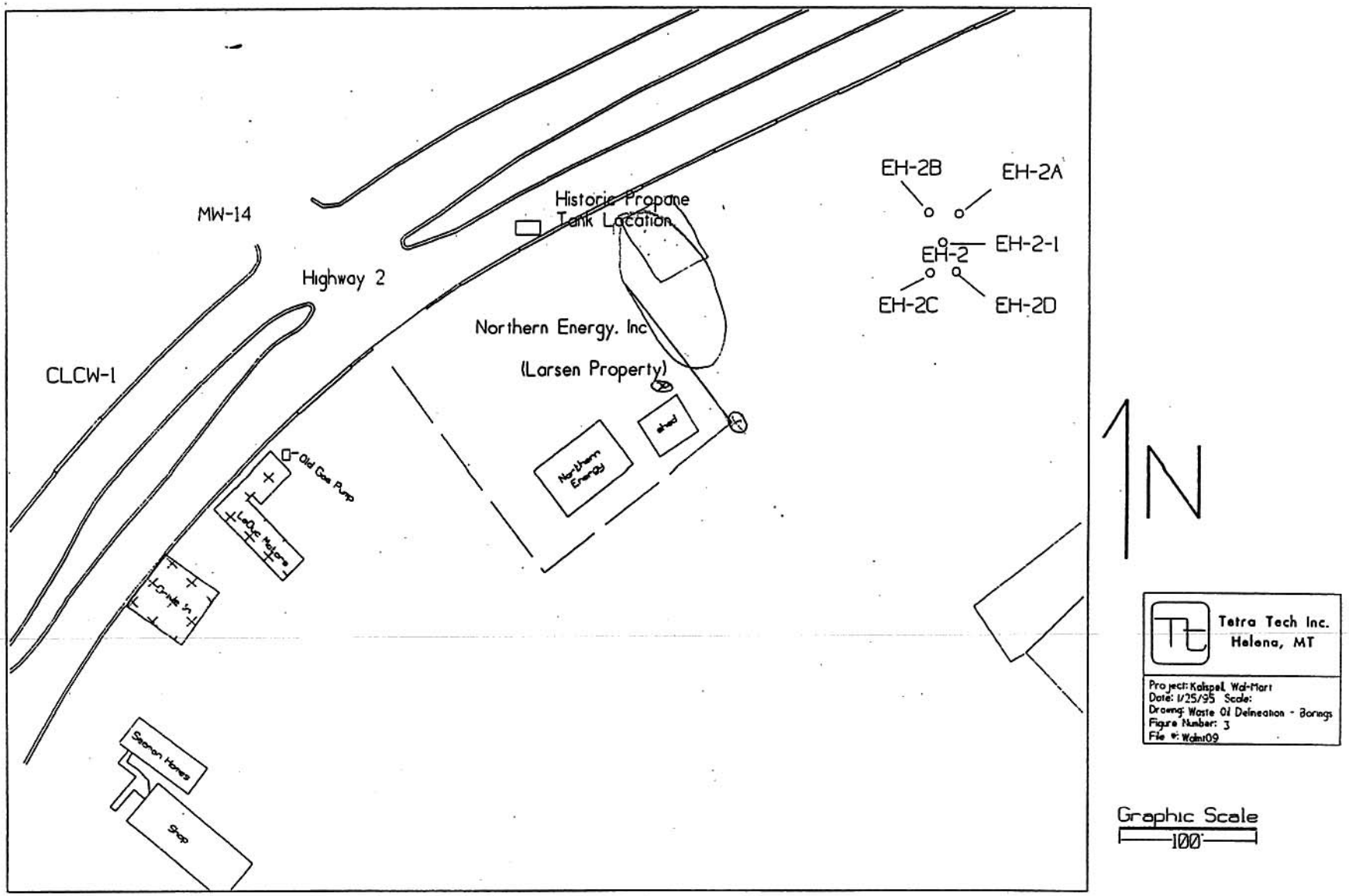
Jefferson Center Wal-Mart, Kalispell, MT
Site Assessment Soil Borings and Monitoring Wells



- Crosshatching indicates a building which has been removed

Figure 2

Jefferson Center Wal-Mart, Kalispell, MT
Waste Oil Delineation - Boring Locations

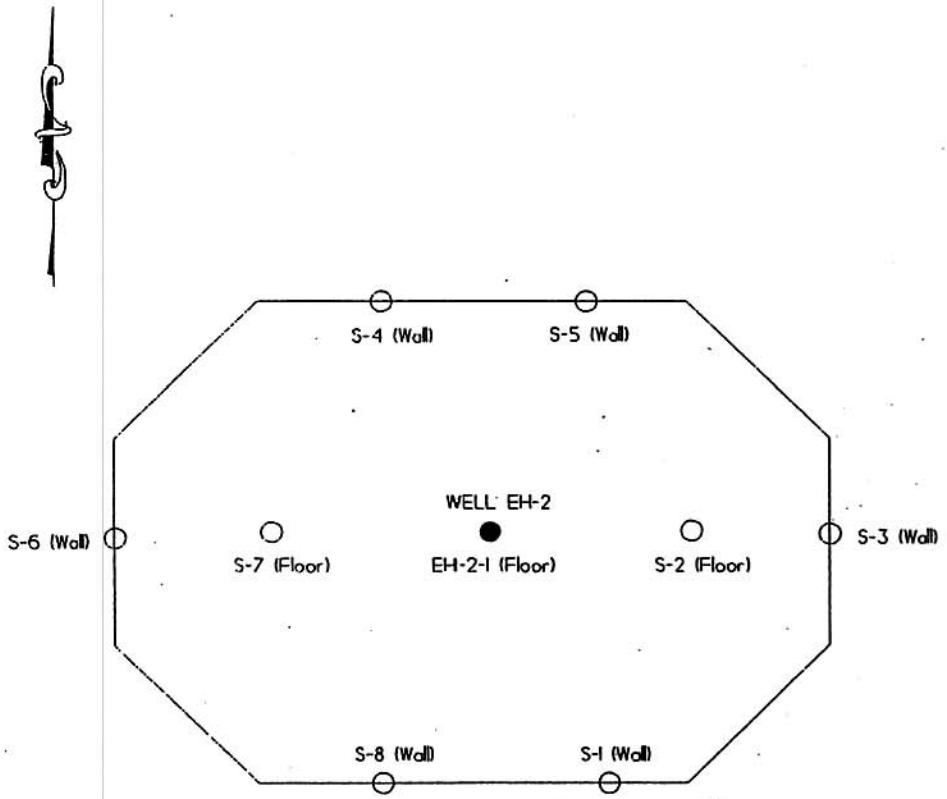


- Crosshatching indicates a building which has been removed

Figure 3

Waste Oil Soil Excavation

Confirmation Sample Locations



GRAPHIC SCALE

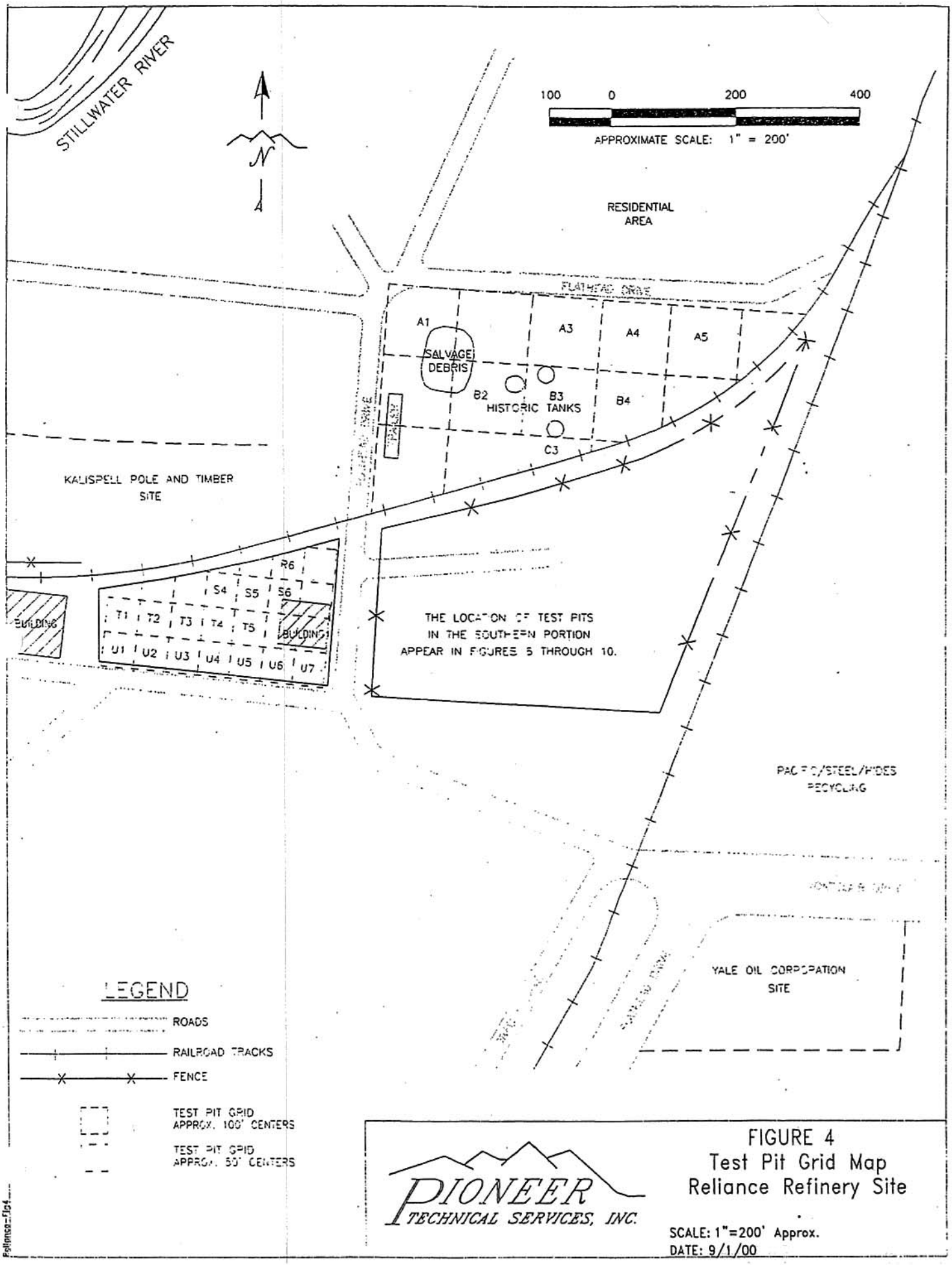
0 10 20

(IN FEET)

Tetra Tech Inc.
Helena, MT

Project: Jefferson Center
Date: 6/9-10/94 Scale: As Shown
Drawing: Sampling Locations
Figure Number: 5
File #: Jeffexca

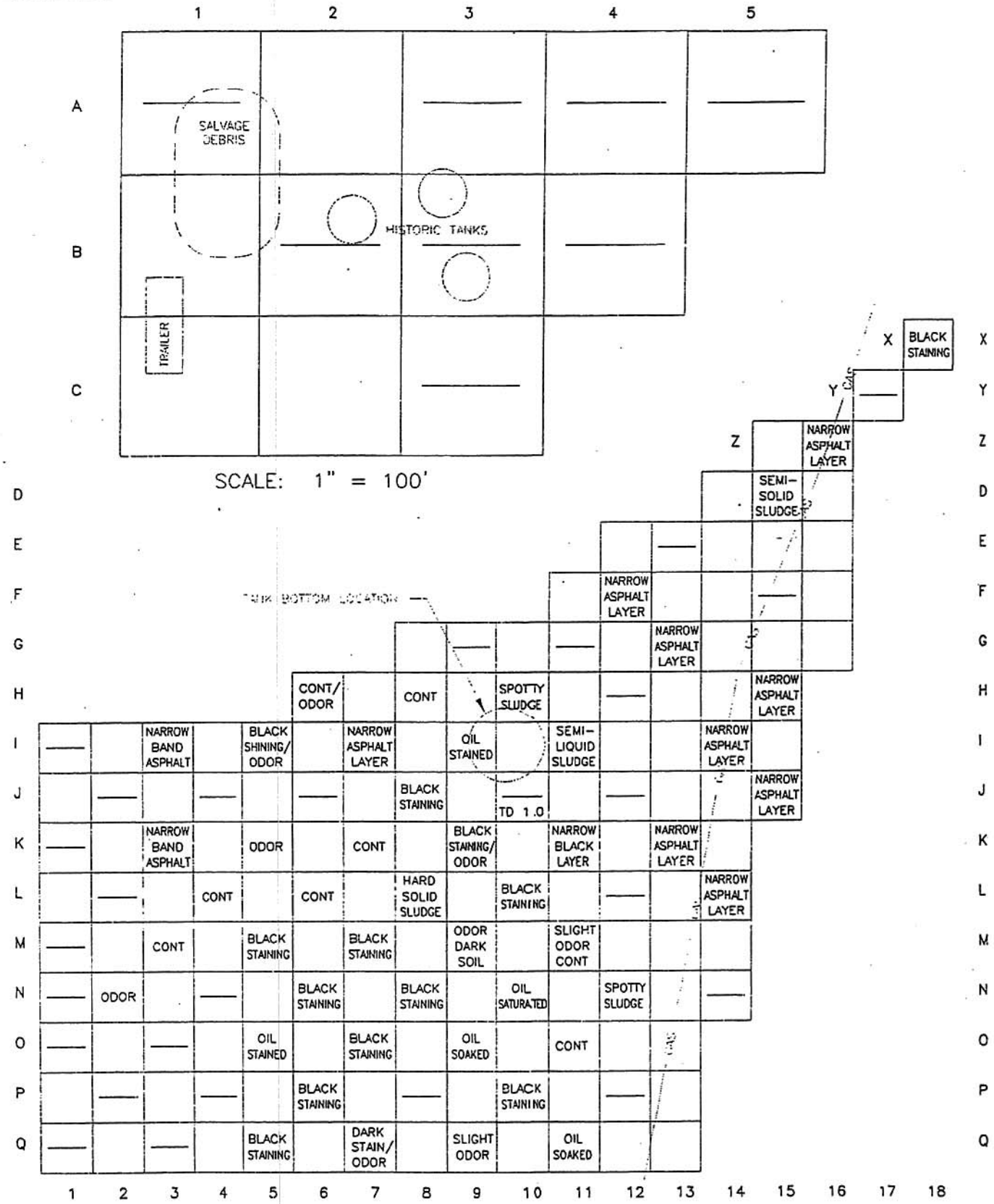
Figure 5



PIONEER TECHNICAL SERVICES, INC.

FIGURE 4
Test Pit Grid Map
Reliance Refinery Site

SCALE: 1"=200' Approx.
DATE: 9/1/00



TD = TOTAL DEPTH IN FEET
CONT = CONTAMINATION
—— = CLEAN

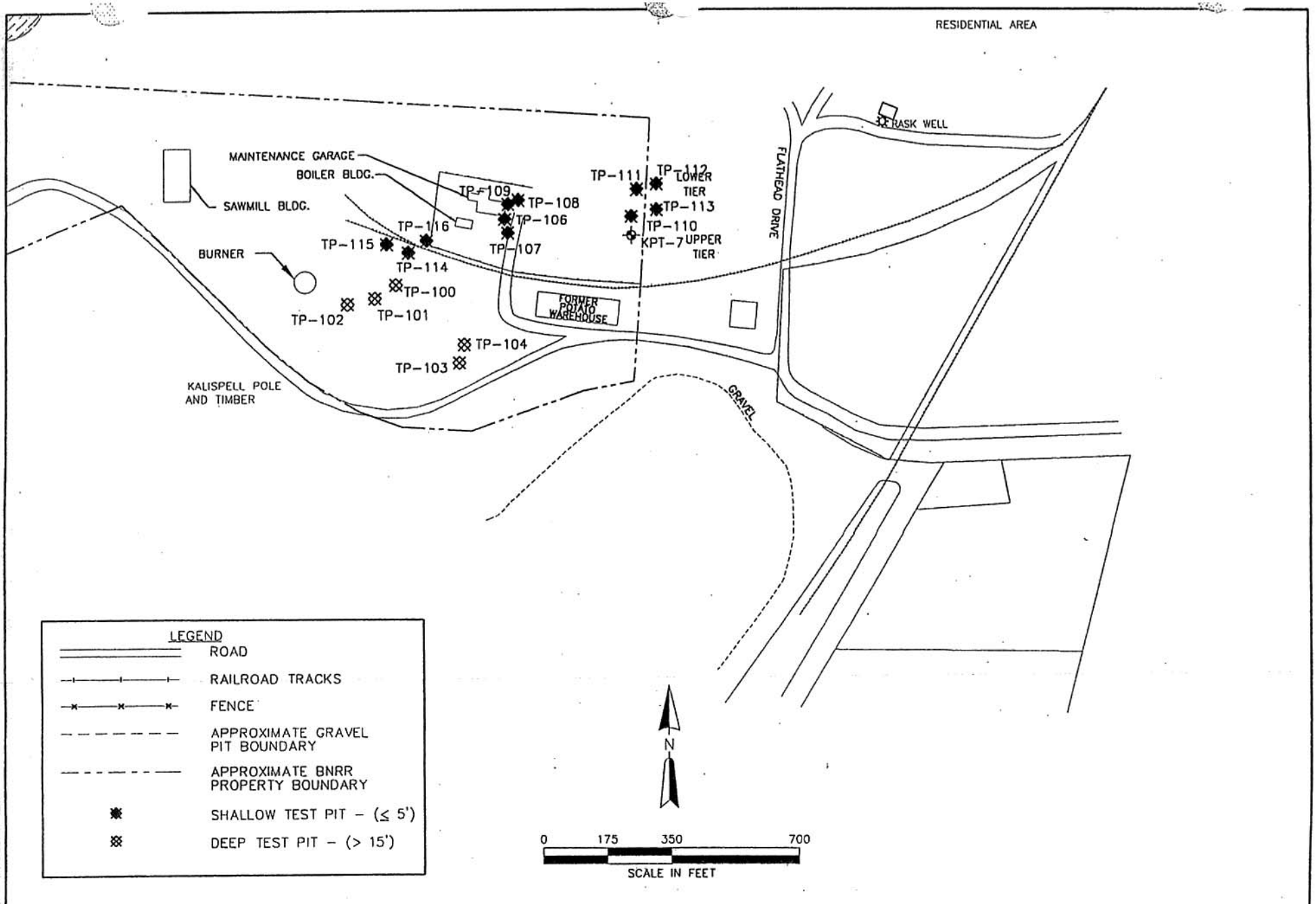
GAS LINE LOCATION IS APPROXIMATE.
THE GRID IS CONCEPTUALIZED.

PIONEER TECHNICAL SERVICES, INC.

FIGURE 6
Surface (0-2')
Visual Soil Contamination
Reliance Refinery Site

SCALE: AS NOTED
DATE: 12/1/00

Reliance-Fig6



REF	DWG	DESC.						
0								
0	E.F.	3/2/98	DRAFT	E.T.	6/2/97			
NO	DRWN	DATE	REVISION	CHKD	DATE	APPVD	DATE	

THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY
1-2786-330

SCALE 1" = 350'

Burlington Northern Santa Fe Railway

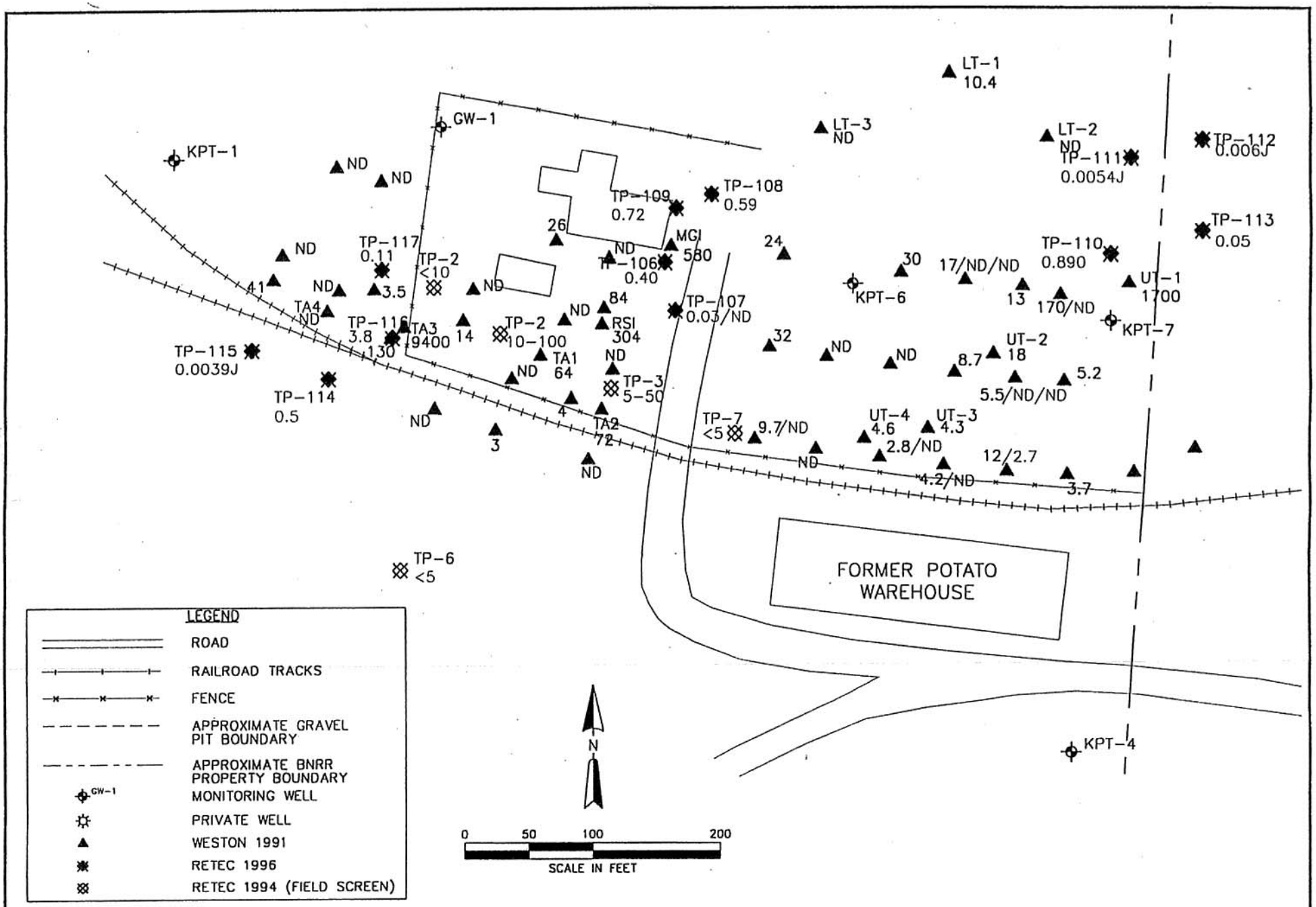
CAD FILE 2786S08S

SUPPLEMENTAL RI
TEST PIT LOCATIONS
FOR THE PROJECT AREA

KALISPELL, MT

RETEC
REMEDIATION TECHNOLOGIES INC

DRAWING NO. FIGURE 2-1 REV. 0



REF	DWG	DESC.
1		
0	N.S.	2/25/1998 DRAFT
NO	DRWN	DATE REVISION

THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY
1-2786-330

CURRENT DATE 3/2/98

Burlington Northern Santa Fe Railway

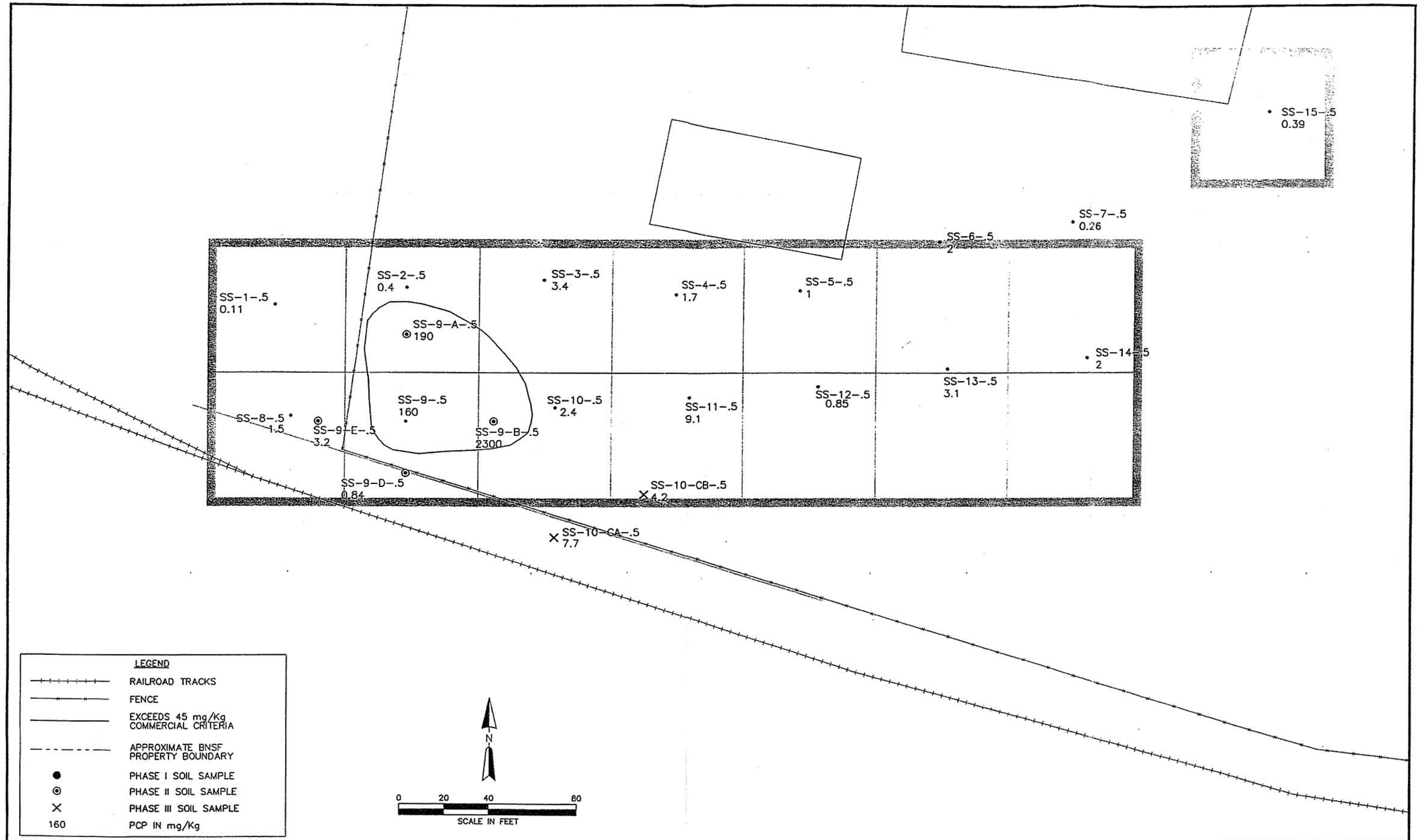
CHKD | DATE | APPVD | DATE

CAD FILE 27865253

PCP CONCENTRATIONS IN SURFACE SOIL SAMPLES

RETEC
REMEDIATION TECHNOLOGIES INC

DRAWING NO. FIGURE 3-6 REV. 0



ThermoRetec

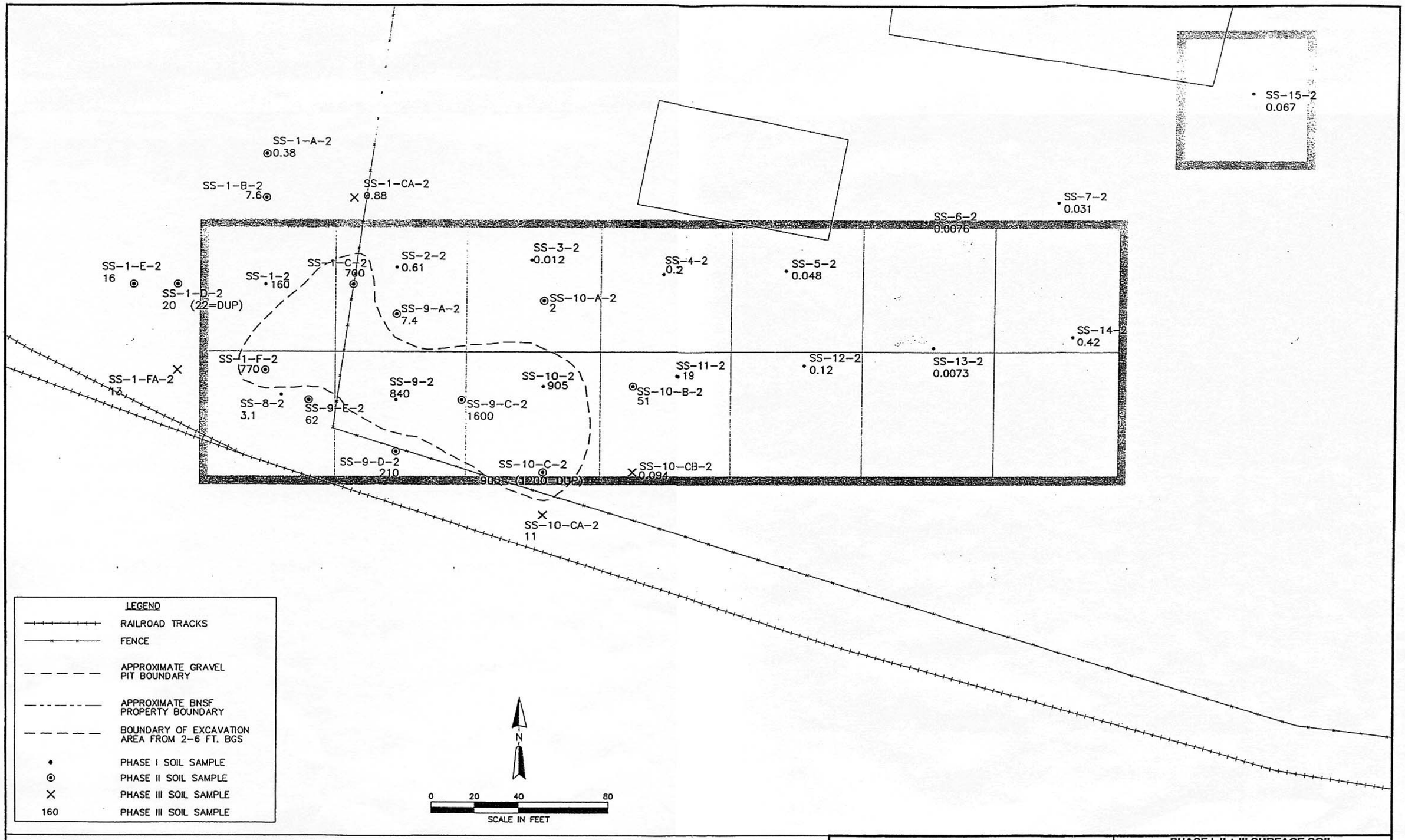
THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY

1-4040-560

CURRENT DATE	1/8/99	CADD FILE	4040S005

PHASE I, II AND III SURFACE SOIL SAMPLING RESULTS 0.5 FEET BGS PCP IN mg/kg

FIGURE 3-3



ThermoRetec

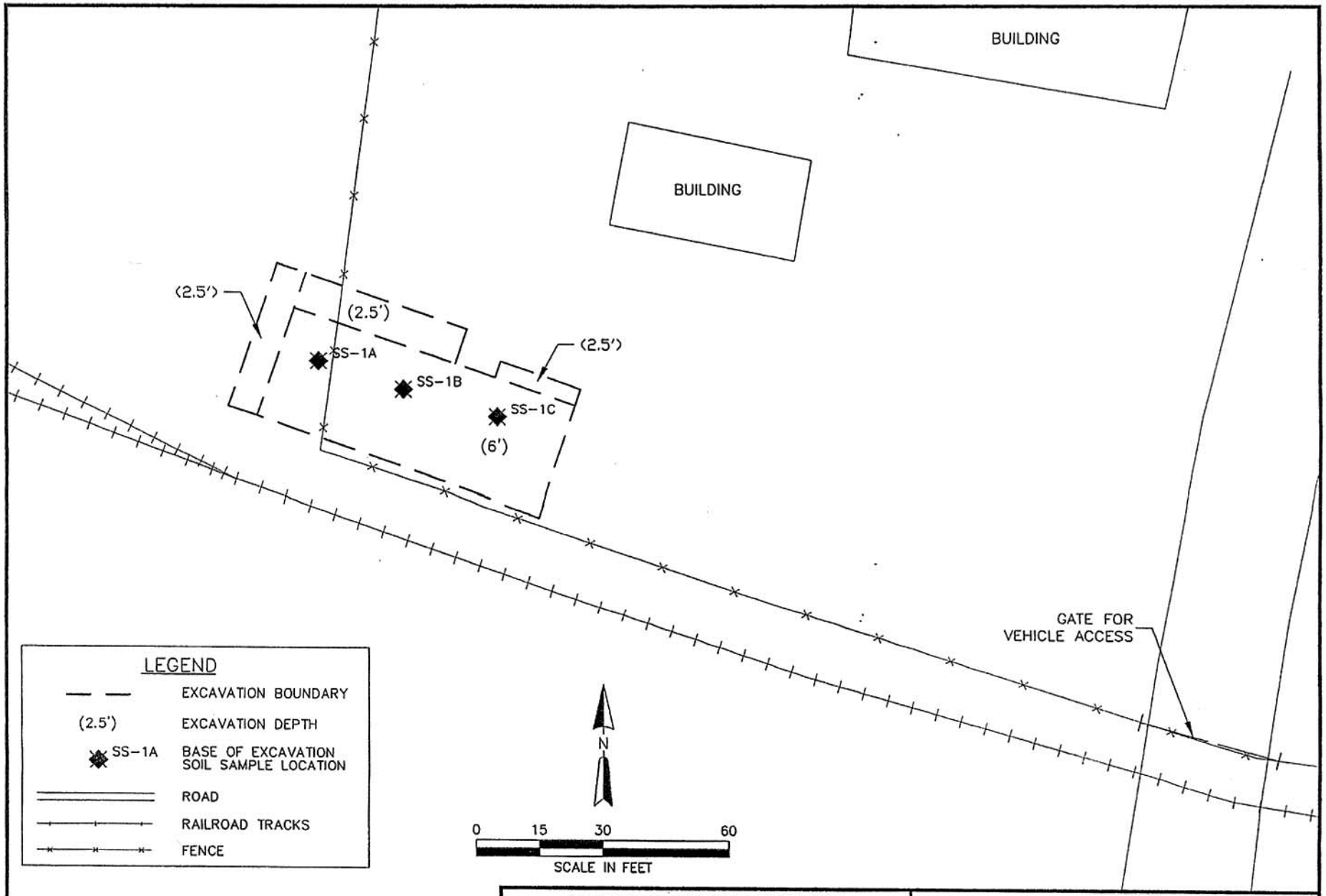
THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY

1-3467-510

CURRENT DATE	1/8/99	CADD FILE	4040S006

PHASE I, II + III SURFACE SOIL SAMPLING RESULTS 2 FEET BGS PCP IN mg/kg

FIGURE 3-4



ThermoRetec

THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY

BN080-04040-560

CURRENT DATE	1/13/00	CADD FILE	4040S029

SOIL SAMPLE LOCATIONS

FIGURE 3-1

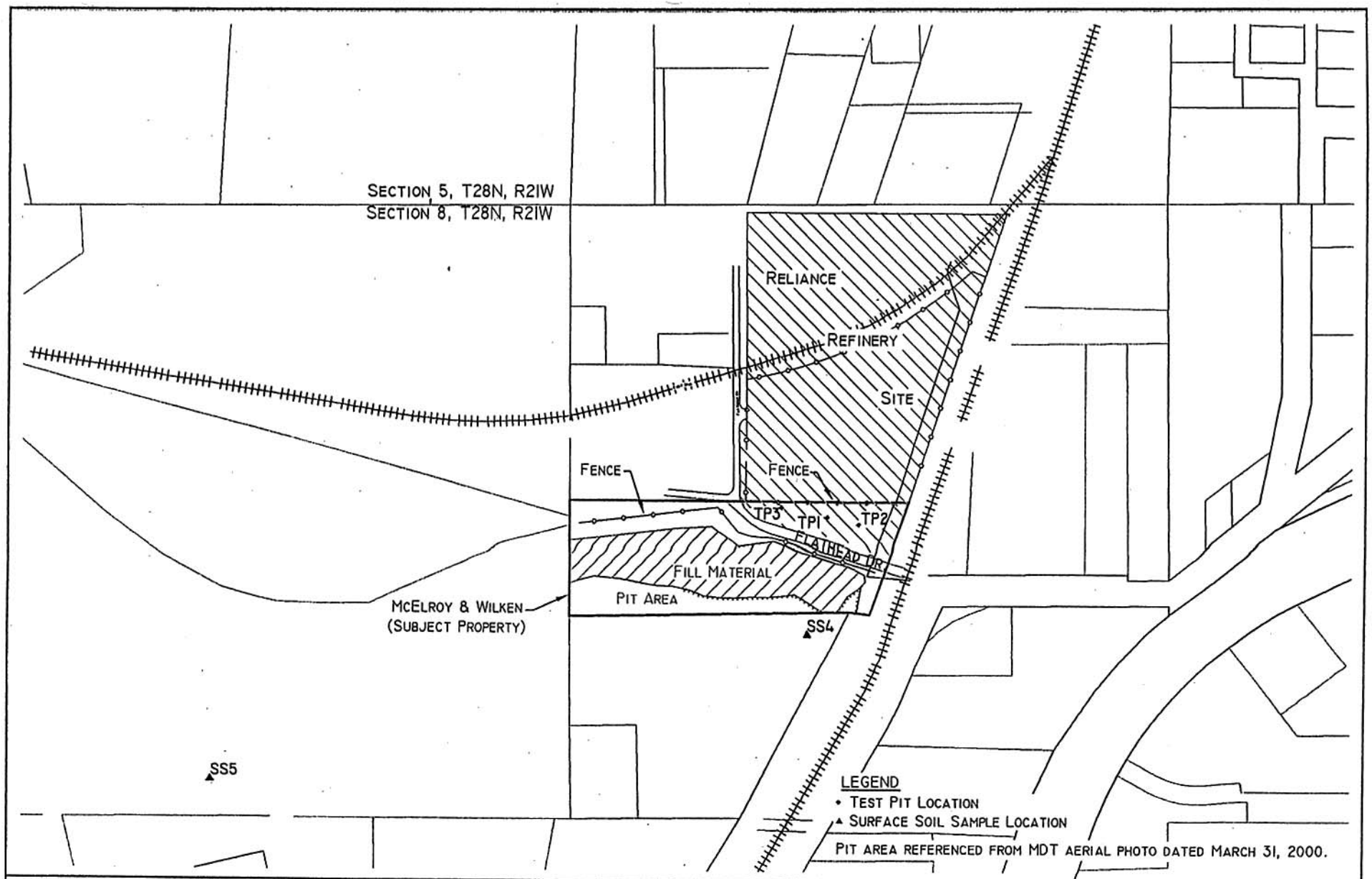
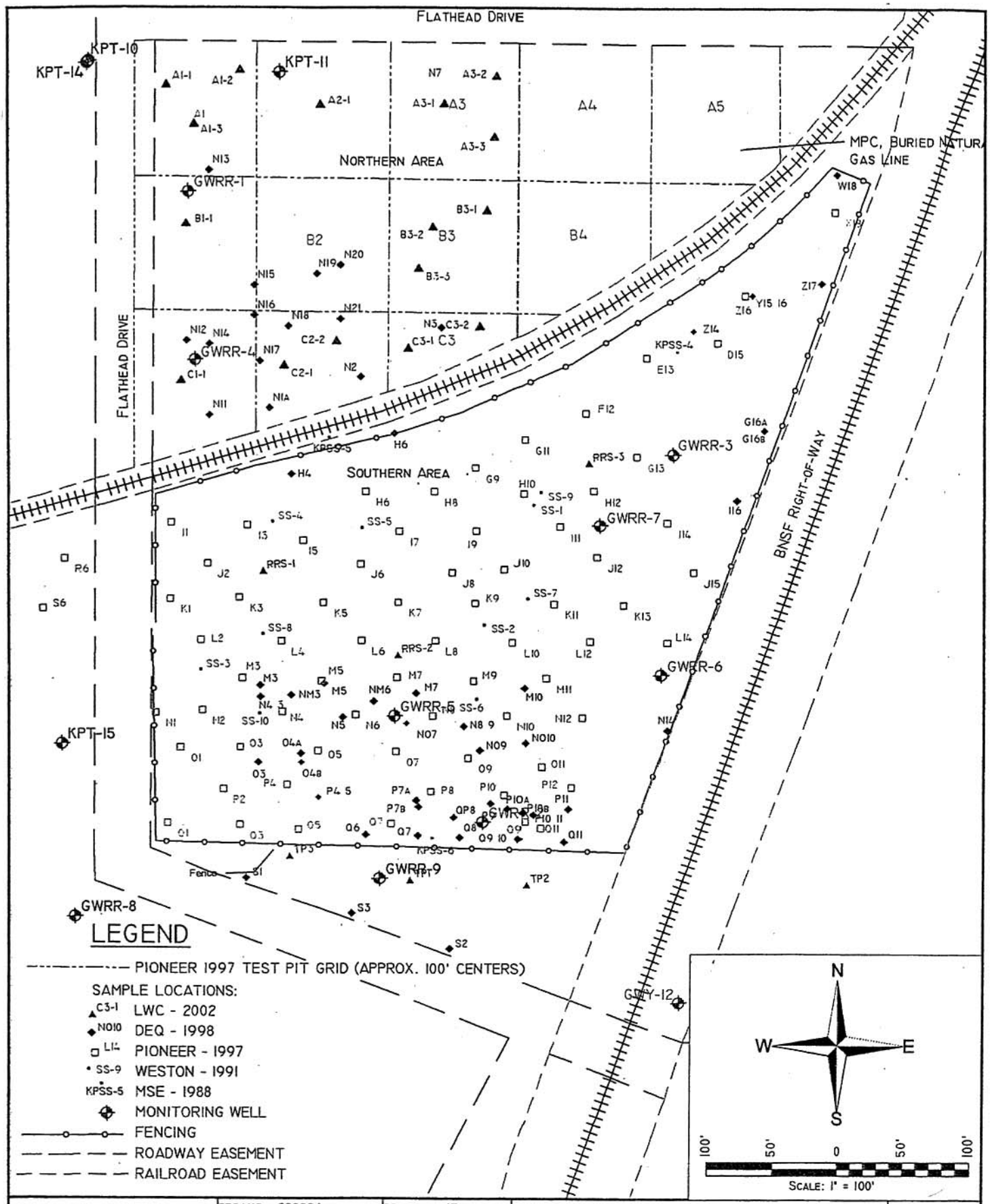


FIGURE 4. SOIL SAMPLE LOCATIONS
MCELROY & WILKEN PROPERTY - RELIANCE REFINERY

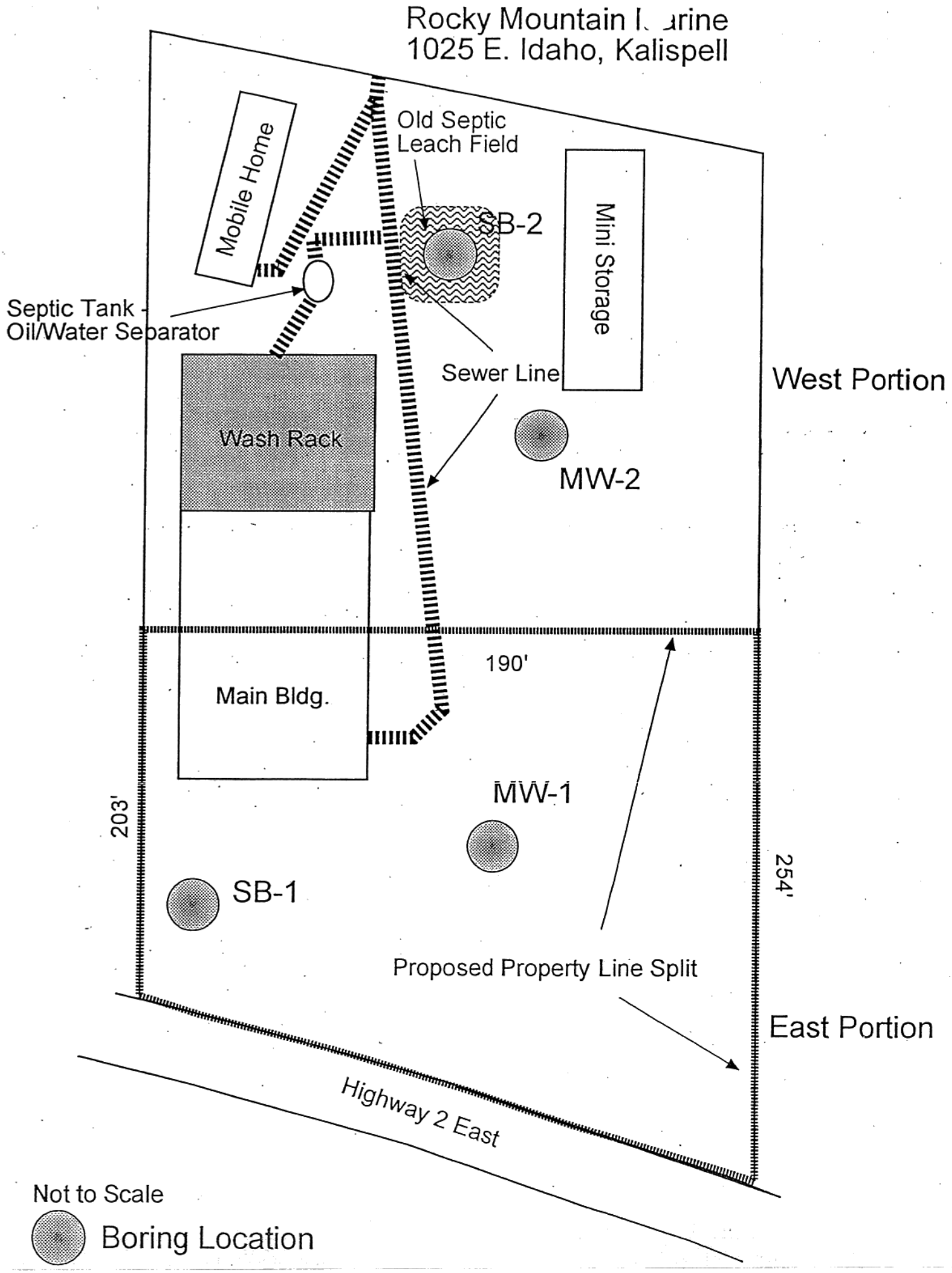
LAND & WATER CONSULTING, INC.
(406) 257-7200
(406) 257-7205 FAX
P.O. BOX 8027
KALISPELL, MT 59904

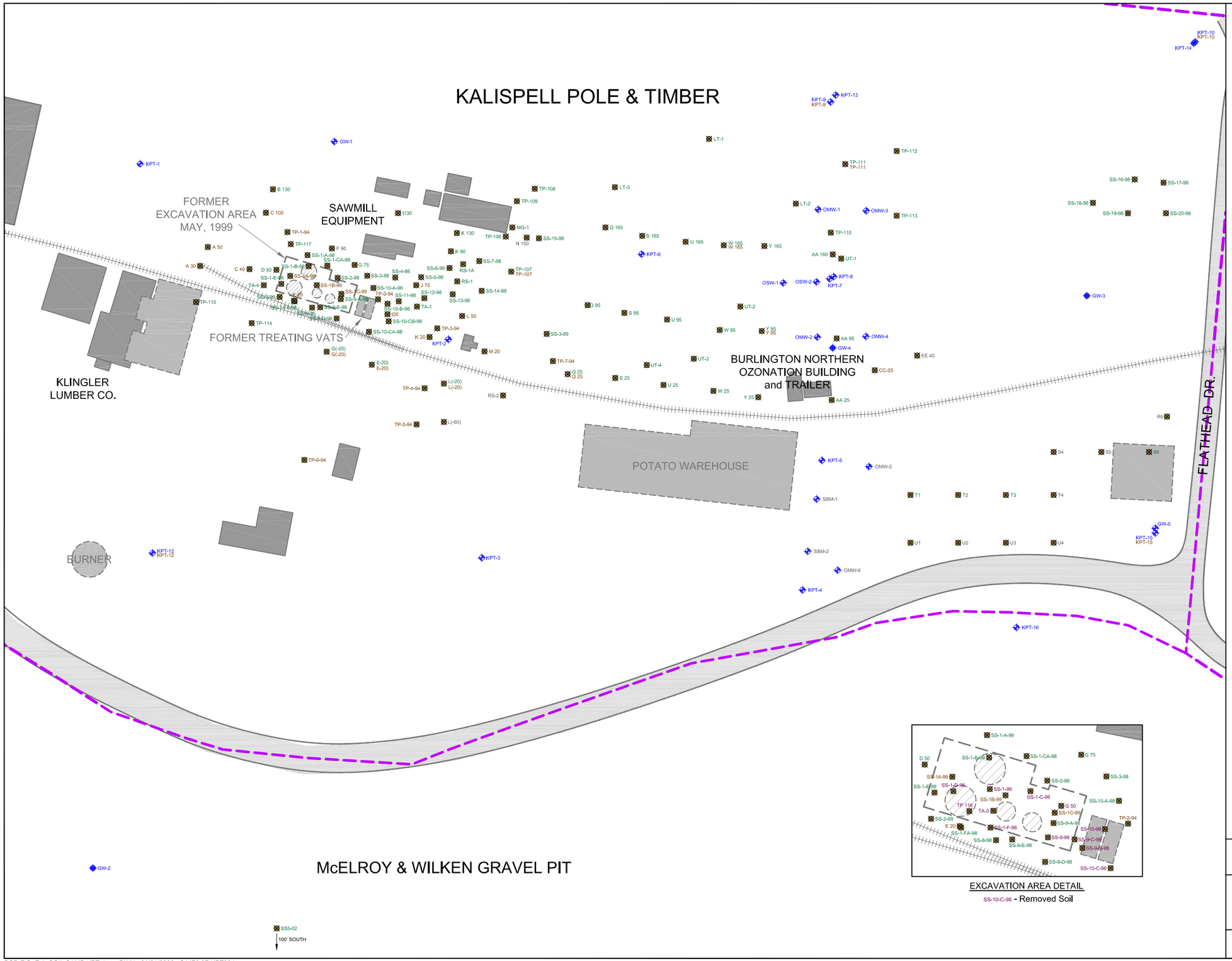
PROJECT NO: 220290
DATE: 07-25-02
PROJECT MGR: S. MASON
DRAWN BY: J. ROSENBAUM
FILE NAME: LOC_SS.DWG

NOTE:
THE SITE MAP SHOWS THE APPROXIMATE LOCATION OF FEATURES ON THE SITE AND IS NOT INTENDED TO BE A DEFINITIVE SURVEY



LAND & WATER CONSULTING, INC. P.O. BOX 8027 Kalispell, MT 59904	PROJ NO: 220024	DRAWN: JR	RELIANCE REFINERY FACILITY
	FILE NAME: samp_locs.dwg	CHECKED:	DATE: 12/10/02
	SCALE: NOTED	APPVD:	FIGURE 3-1. SOIL SAMPLING LOCATIONS
	LOCATION: Kalispell, MT	PROJ MGR: S. MASON	


Rocky Mountain I. arine
1025 E. Idaho, Kalispell
Mobile Home
Old Septic
Leach Field
SB-2
Mini Storage
Septic Tank -
Oil/Water Separator
Sewer Line
West Portion
Wash Rack
MW-2
Main Bldg.
190'
MW-1
203'
254'
SB-1
Proposed Property Line Split
East Portion
Highway 2 East
Not to Scale
Boring Location



Legend

- Existing Monitoring Well Location
- Former Monitoring Well Location
- Soil Sample Location
- F 90 - Sample - Not Used
- GW-1 - Sample - Groundwater
- B-130 - Sample - Surface
- C-100 - Sample - Sub Surface
- Historical Building
- Historical Tank
- Existing Building
- Approximate Facility Boundaries
- Existing Road
- Existing Railroad

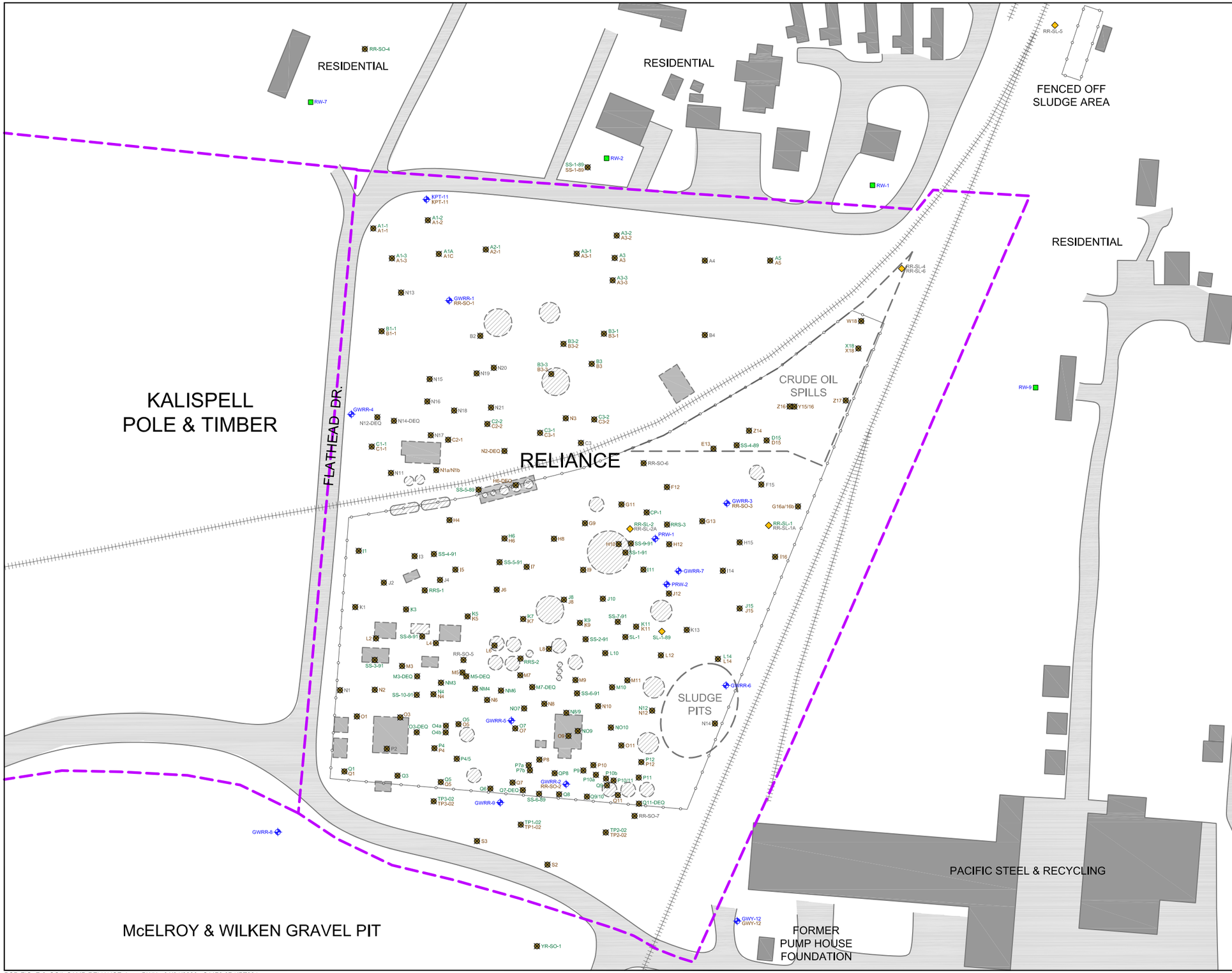
100 0 100 Feet

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

FIGURE E-1
SOIL SAMPLE LOCATION MAP
KALISPELL POLE & TIMBER FACILITY

Tetra Tech EM Inc.

DSR-FIG_E-1_SOIL SAMP-KPT.dwg - DWH - 01/04/2006 - S1176-37-KPT004



N

Legend

- Existing Monitoring Well Location
- Residential Well Location
- Sludge Sample Location
- Soil Sample Location
- N-13 - Sample - No Data
- RW-7 - Sample - Groundwater
- A1-1 - Sample - Surface
- A1-3 - Sample - Sub Surface
- Historical Building
- Historical Tank
- Existing Building
- Approximate Facility Boundaries
- Existing Road
- Existing Railroad

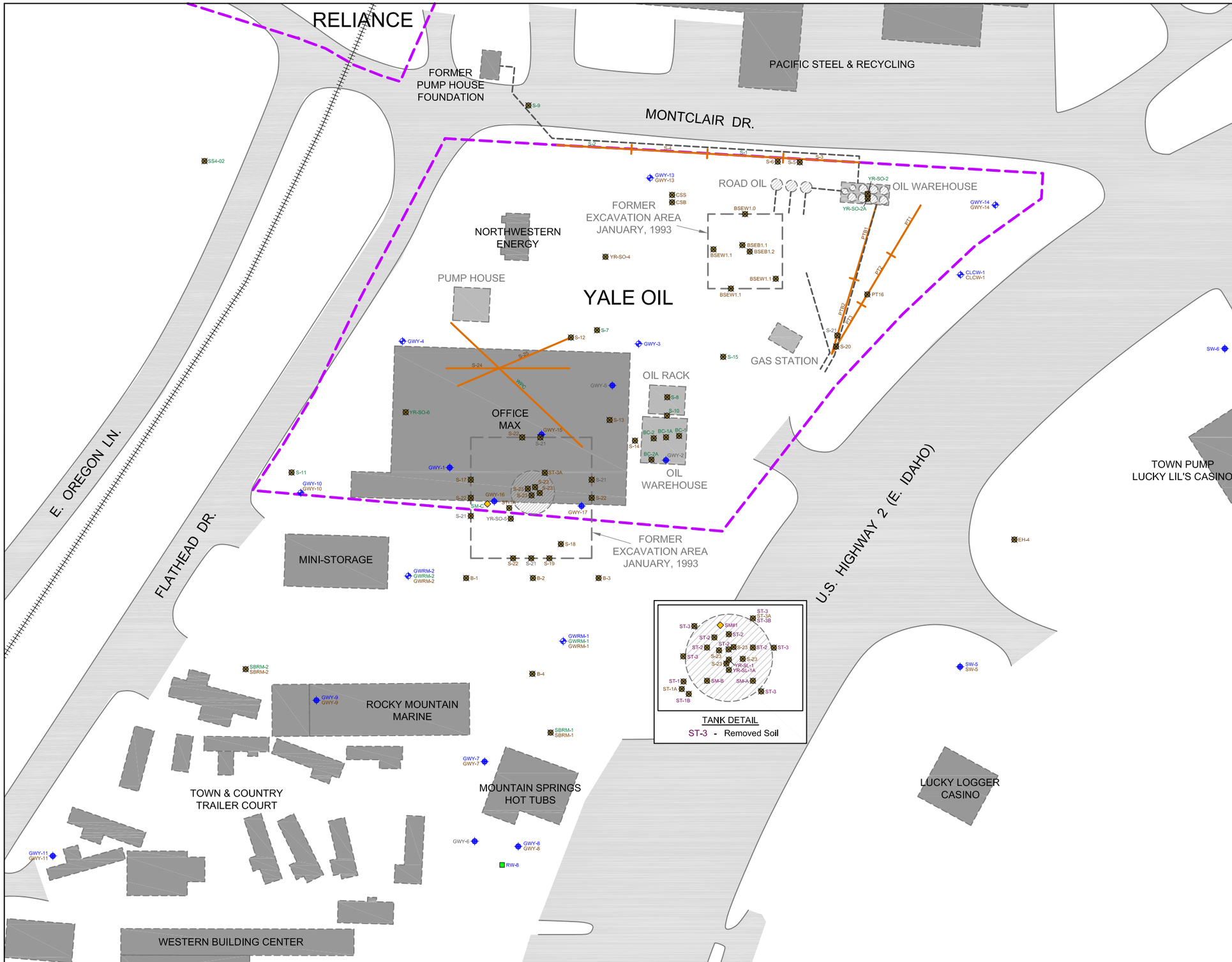
100 0 100 Feet

KALISPELL POLE & TIMBER, RELIANCE,
and YALE OIL FACILITIES
KALISPELL, MONTANA

FIGURE E-2
SOIL SAMPLE LOCATION MAP
RELIANCE FACILITY

Tetra Tech EM Inc.

DSR-FIG_E-2_SOIL SAMP-RELIANCE.dwg - DWH - 01/04/2006 - S1176-37-KPT004



Legend

- Existing Monitoring Well Location
- Former Monitoring Well Location
- Residential Well Location
- Sludge Sample
- Soil Sample Location
- Trench Location
- YR-SO-5 - Sample - No Data
- GW-3 - Sample - Groundwater
- S-7 - Sample - Surface
- S-12 - Sample - Sub Surface
- Historical Building
- Historical Tank
- Historical Pipeline
- Existing Building
- Approximate Facility Boundaries
- Existing Road
- Existing Railroad

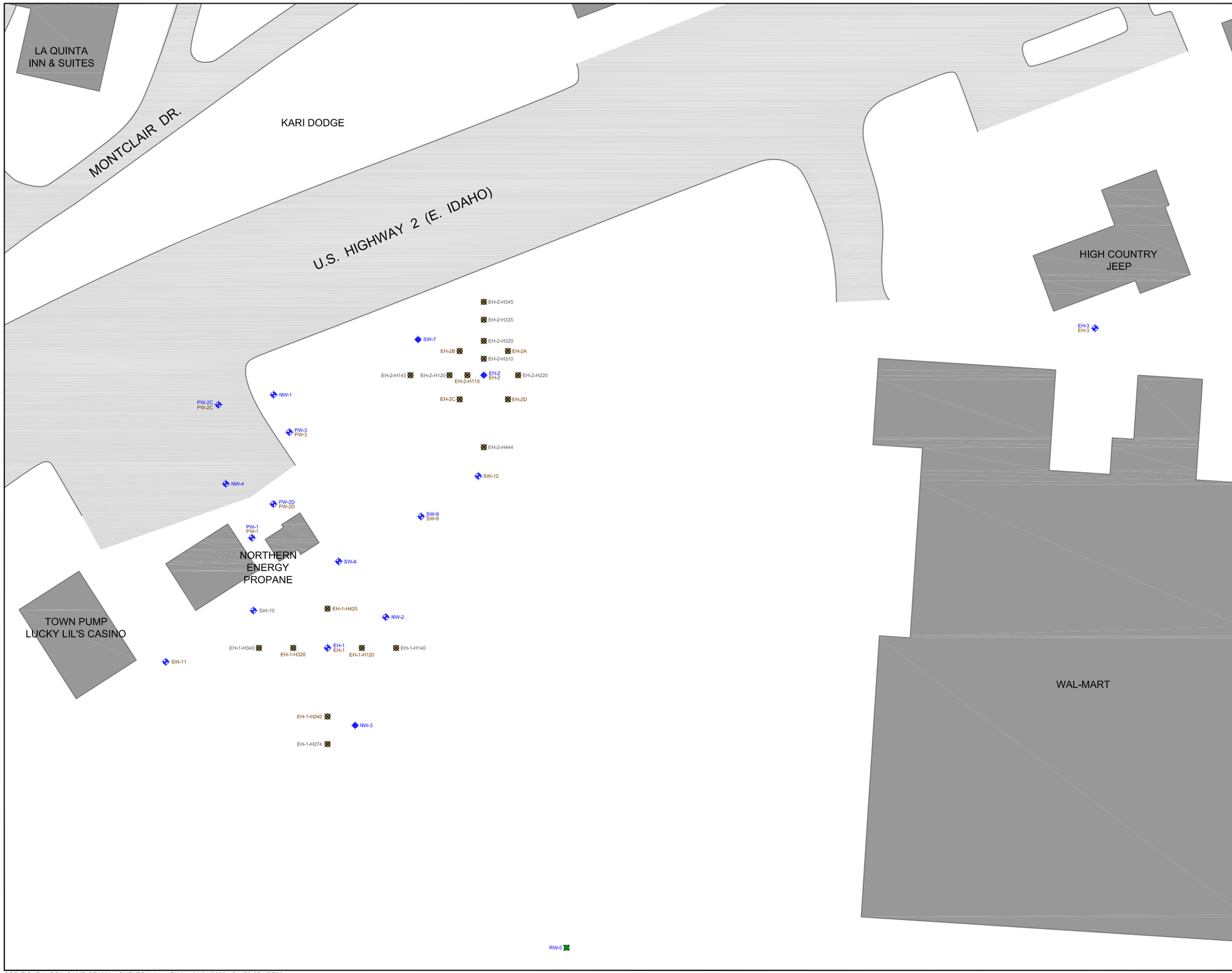
80 0 80 Feet

KALISPELL POLE & TIMBER, RELIANCE, and YALE OIL FACILITIES
KALISPELL, MONTANA

FIGURE E-3
SOIL SAMPLE LOCATION MAP
YALE FACILITY

Tetra Tech EM Inc.

DSR-FIG_E-3_SOIL SAMP-YALE.dwg - DWH - 01/04/2006 - S1176-37-KPT004



Legend

- Existing Monitoring Well Location
- Former Monitoring Well Location
- Former Residential Well Location
- Soil Sample Location
- EH-2-H220 - Sample - No Data
- EH-3 - Sample - Groundwater
- EH-2 - Sample - Sub Surface
- Existing Building
- Existing Railroad

80 0 80 Feet

KALISPELL POLE & TIMBER, RELIANCE,
and YALE OIL FACILITIES
KALISPELL, MONTANA

FIGURE E-4
SOIL SAMPLE LOCATION MAP
SEAMAN / SHELTON AREA

Tetra Tech EM Inc.

DSR-FIG_E-4_SOIL SAMP-SEAMAN-SHELTON.dwg - DWH - 01/04/2006 - S1176-37-KPT004

TABLE E-1

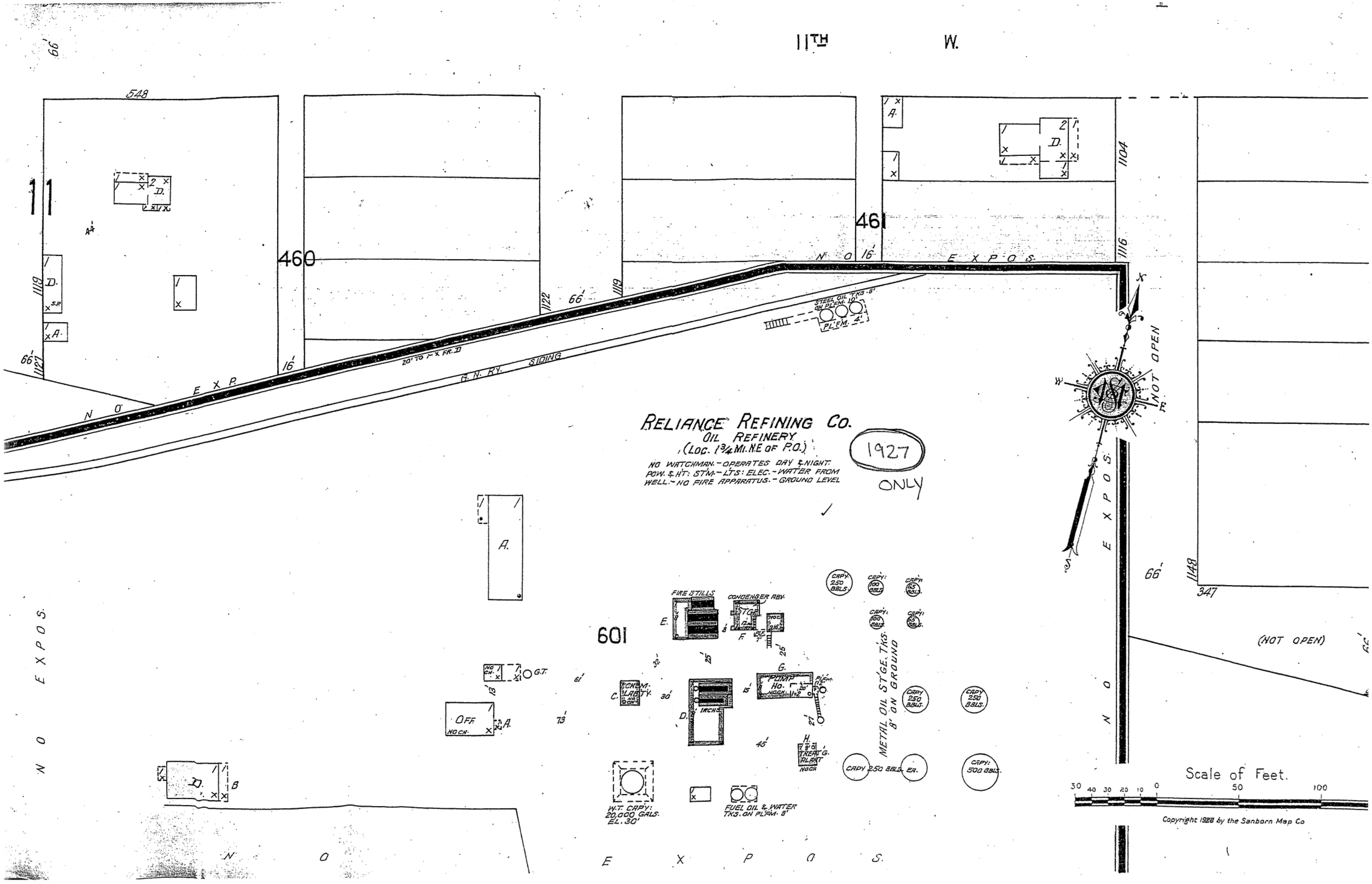
LIST OF HISTORIC FIGURES SHOWING SOIL AND SLUDGE SAMPLE LOCATIONS

Tracking Number	Figure Number	Figure Name	Source Document
1	8	Sampling Locations – February 1986 Exxon Bulk Plant	AES 1986a
2	3	Sampling Location Map Yale Refinery	EPA FIT 1986b
3	2	Sample Location Map Yale Refinery	EPA FIT 1986d
4	1	Site Layout and Sampling Points Exxon Bulk Plant	AES 1986b
5	2	Sample Location Map Reliance Refinery	EPA FIT 1986a
6	2	Sample Location Map Reliance Refinery	EPA FIT 1986c
7	III-I	Sample Location Map Kalispell Post and Pole/Reliance Refinery	MSE 1989
8	2	Soil Sample Locations (Phase I) Kalispell Pole & Timber Site	EPA 1992
9	3	Trench and Soil Sample Locations (Phase III) Kalispell Pole & Timber Site	EPA 1992
10	4	Trench and Soil Sample Locations (Phase III) Kalispell Pole & Timber Site	EPA 1992
11	2	Boring Locations, EH-2 Seaman Mobile Homes Property	Spratt and Associates 1992
12	3	EH-1 Boring and Monitoring Well Locations Seaman Mobile Homes Property	Spratt and Associates 1992
13	2	Tank Bottom Removal Soil Sample Location Map (Prior to Excavation), Exxon Bulk Plant	AES 1994
14	4	Pipe Removal – Soil Sample Location Map Exxon Bulk Plant	AES 1994
15	5	Boring Location Map Exxon Bulk Plant	AES 1994
16	6	Tank Bottom Area Soil Sample Locations Exxon Bulk Plant	AES 1994
17	7	Overexcavation – Soil Sample Location Map Exxon Bulk Plant	AES 1994
18	2-1	Locations of Monitor Wells & Test Pits Kalispell Pole & Timber	RETEC 1995
19	2	Site Assessment Soil Borings and Monitoring Jefferson Center Wal-Mart	Tetra Tech, Inc 1995
20	3	Waste Oil Delineation – Boring Locations Jefferson Center Wal-Mart	Tetra Tech, Inc 1995
21	5	Waste Oil Excavation – Confirmation Sample Locations, Jefferson Center Wal-Mart	Tetra Tech, Inc 1995

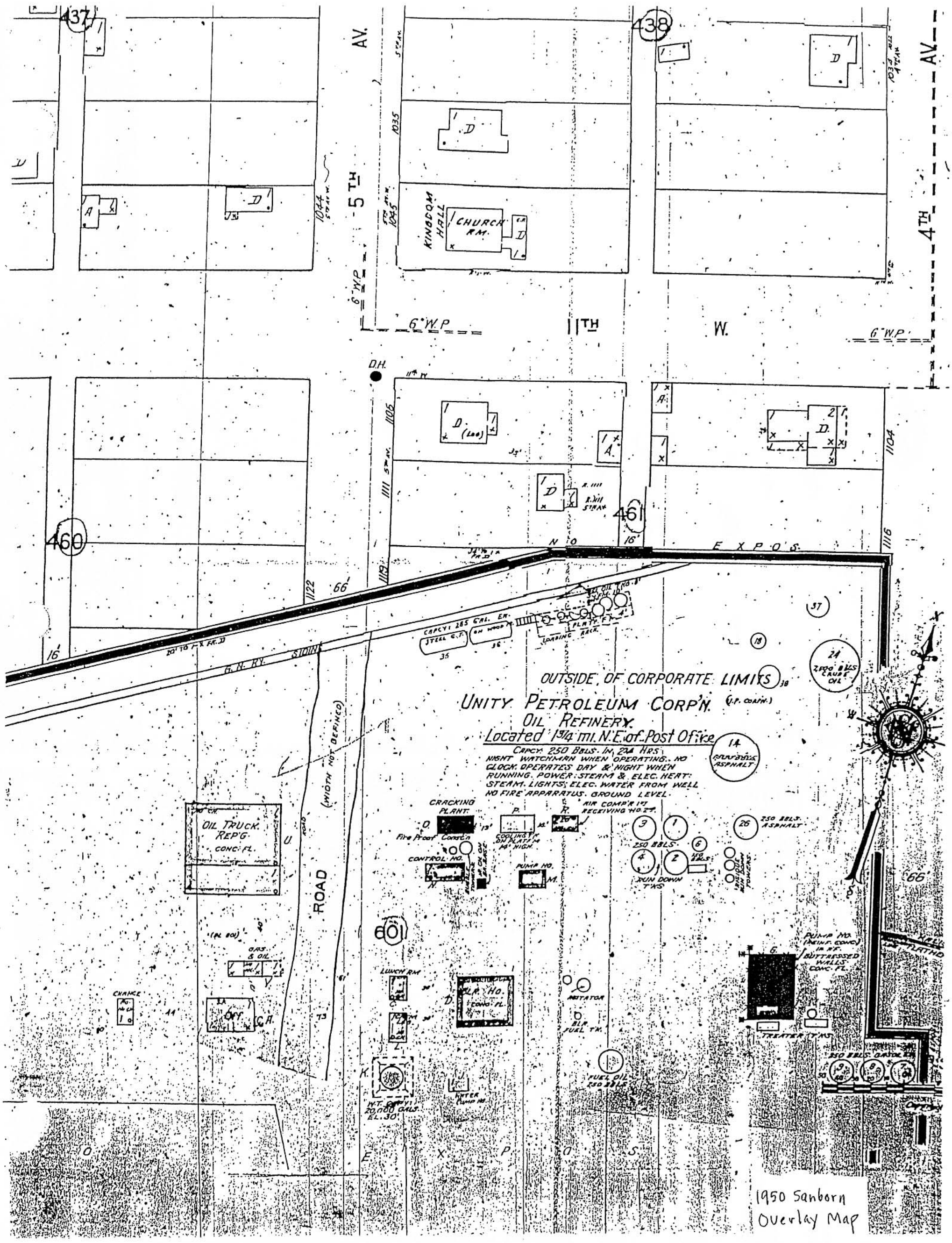
TABLE E-1

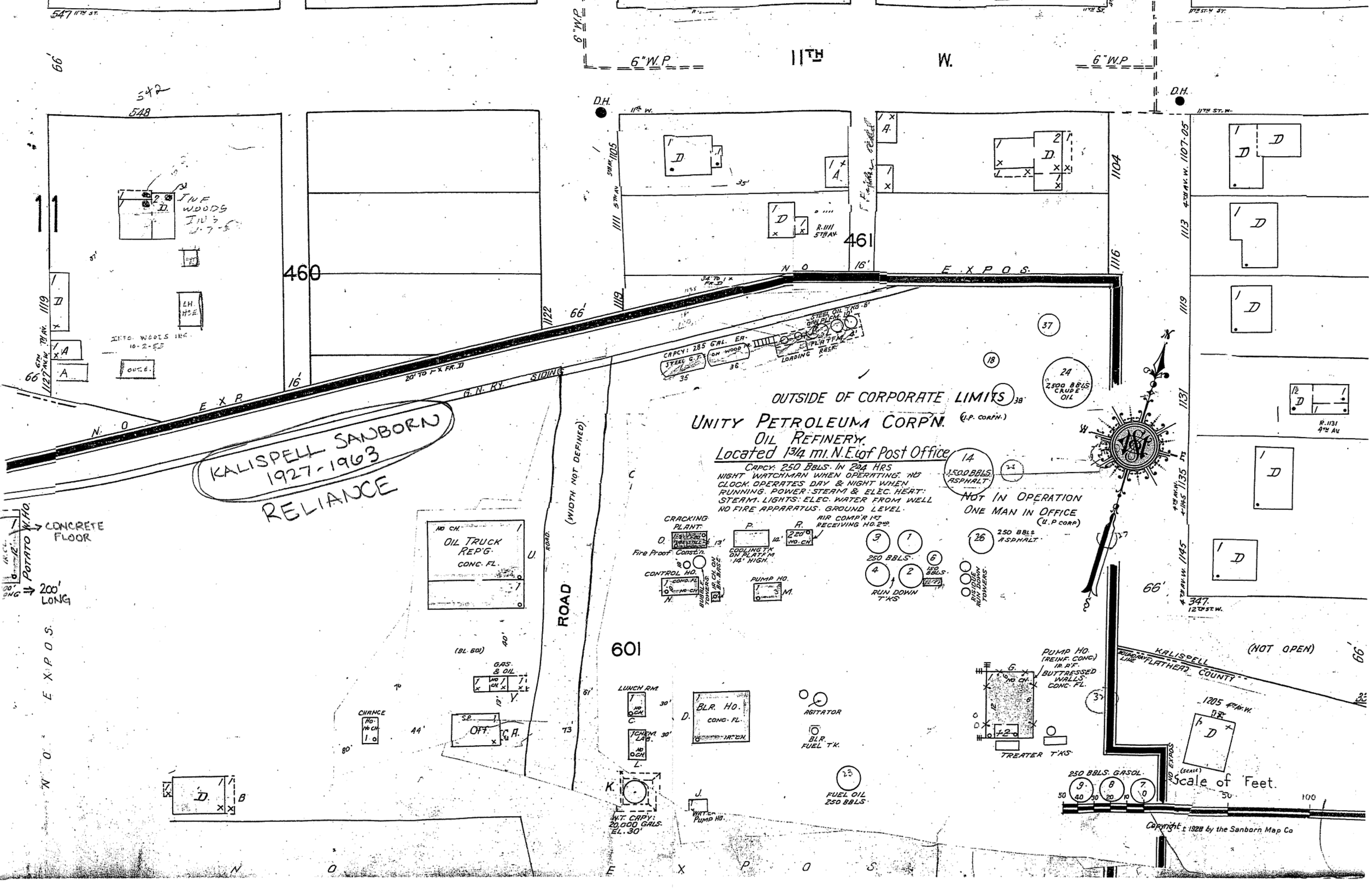
LIST OF HISTORIC FIGURES SHOWING SOIL AND SLUDGE SAMPLE LOCATIONS

Tracking Number	Figure Number	Figure Name	Source Document
22	2-1	Supplemental RI Test Pit Location for the Project Area, BNSF Property	RETEC 1998
23	3-6	PCP Concentrations in Surface Soil Samples BNSF Property	RETEC 1998
24	3-3	Phase I, II and III Surface Soil Sampling Results 0.5 Feet BGS PCP in mg/kg, BNSF Property	ThermoRetec 1999
25	3-4	Phase I, II, and III Surface Soil Sampling Results 2 Feet BGS PCP in mg/kg, BNSF Property	ThermoRetec 1999
26	3-1	Soil Sample Locations (Confirmation Samples) BNSF Property	ThermoRetec 2000
27	4	Test Pit Grid Map Reliance Refinery Site	PTS 2000
28	6	Surface (0 – 2') Visual Soil Contamination (Test Pit Location), Reliance Refinery Site	PTS 2000
29	4	Soil Sample Locations McElroy & Wilken Property – Reliance Refinery	LWC 2002a
30	3-1	Soil Sampling Locations Reliance Refinery Facility	LWC 2002b
31	1	Site Layout Rocky Mountain Marine	Corwin 2005
COMPOSITE SOIL SAMPLE LOCATION MAPS			
32	E-1	Kalispell Pole and Timber Facility	-
33	E-2	Reliance Facility	-
34	E-3	Yale Facility	-
35	E-4	Seaman / Shelton Area	-



11TH W.
11
460
461
601
548
1104
1116
1119
1122
1127
1148
347
66'
16'
NO EXPOS.
G. N. RY. SIDING
20' TO 1-X FR. D
STEEL OIL TKS. 8' ON PL'FM. 10'
PL'FM. 4'
RELIANCE REFINING CO.
OIL REFINERY
(LOC. 1¾ MI. N.E OF P.O.)
NO WATCHMAN.-OPERATES DAY & NIGHT.
POW. & HT: STM.-LTS: ELEC.-WATER FROM WELL.-NO FIRE APPARATUS.-GROUND LEVEL
1927
ONLY
NOT OPEN
(NOT OPEN)
FIRE STILLS
CONDENSER ABV.
STGE.
CHEM. LABTY.
PUMP HO.
IRCHS.
TREAT'G. PLANT
OFF.
NO CH.
G.T.
W.T. CAPY: 20,000 GALS. EL. 30'
FUEL OIL & WATER TKS. ON PL'FM. 8'
METAL OIL ST'GE. TKS. 8' ON GROUND
CAPY 250 BBLS.
CAPY: 100 BBLS.
CAPY: 65 BBLS.
CAPY 250 BBLS. EA.
CAPY: 500 BBLS.
Scale of Feet.
50 40 30 20 10 0 50 100
Copyright 1928 by the Sanborn Map Co

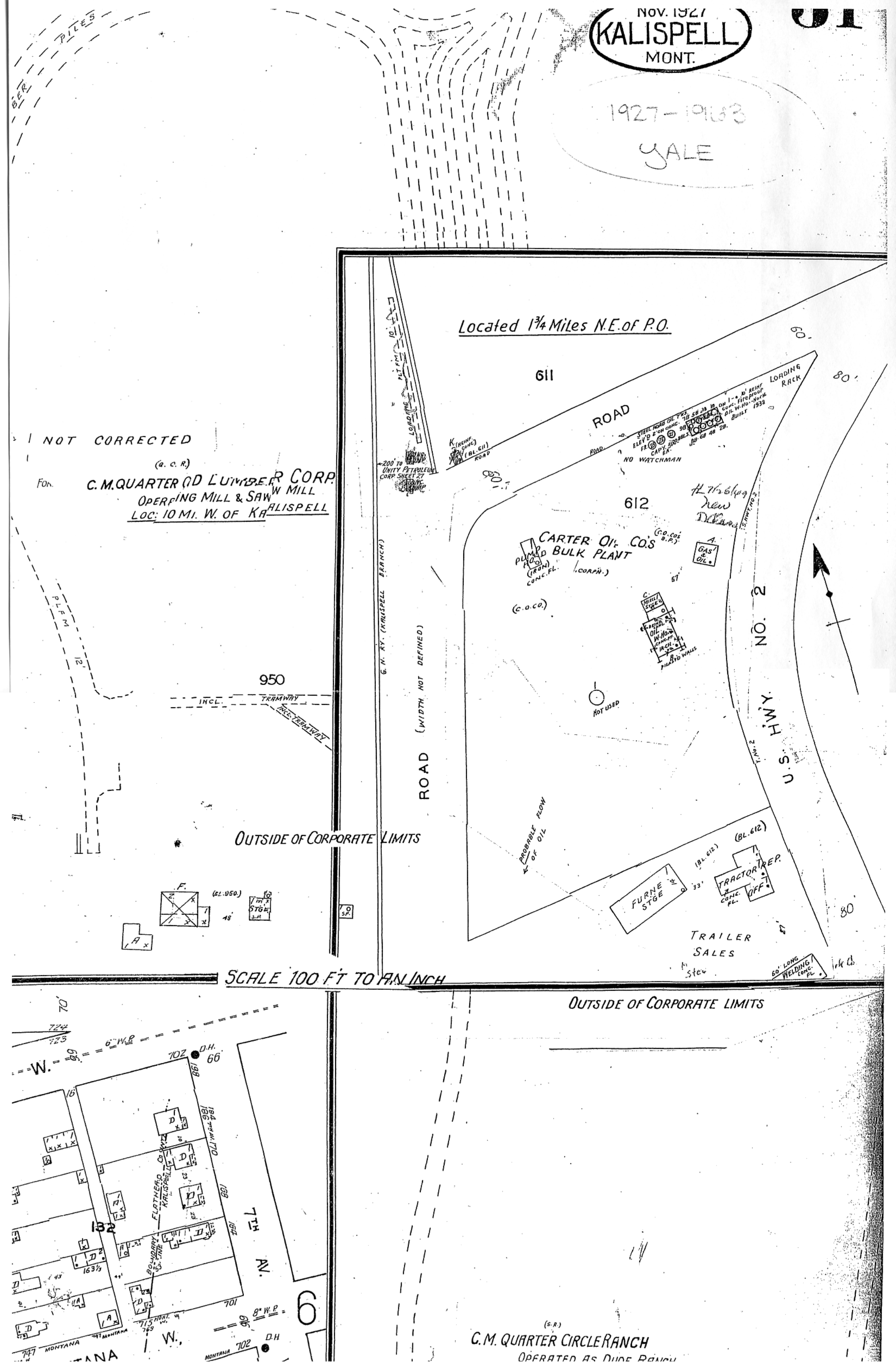

437
438
AV.
5TH
4TH
AV.
KINGDOM HALL
CHURCH RM.
6" W.P.
11TH
W.
6" W.P.
D.H.
460
461
N O
E X P O S.
G. N. RY.
OUTSIDE OF CORPORATE LIMITS
UNITY PETROLEUM CORP'N.
OIL REFINERY.
Located 1 3/4 mi. N.E. of Post Office
CAPCY. 250 BBLS. IN 24 HRS.
NIGHT WATCHMAN WHEN OPERATING. NO CLOCK. OPERATES DAY & NIGHT WHEN RUNNING. POWER: STEAM & ELEC. HEAT: STEAM. LIGHTS: ELEC. WATER FROM WELL NO FIRE APPARATUS. GROUND LEVEL.
OIL TRUCK REP'G
CRACKING PLANT
COOLING TW. ON PLATFM 14' HIGH
PUMP HO.
CONTROL HO.
RUN DOWN TKS
250 BBLS. ASPHALT
ROAD
(WIDTH NOT DEFINED)
LUNCH RM
BLR. HO.
OFF.
C.H.
CHANCE
GAS & OIL
MIXER
FUEL OIL
TREATER TKS
250 BBLS. GASOL.
1950 Sanborn Overlay Map



KALISPELL SANBORN
1927-1963
RELIANCE
OUTSIDE OF CORPORATE LIMITS
UNITY PETROLEUM CORP'N.
OIL REFINERY.
Located 1 3/4 mi. N.E. of Post Office
CAPCY: 250 BBLS. IN 24 HRS
NIGHT WATCHMAN WHEN OPERATING. NO CLOCK. OPERATES DAY & NIGHT WHEN RUNNING. POWER: STEAM & ELEC. HEAT: STEAM. LIGHTS: ELEC. WATER FROM WELL NO FIRE APPARATUS. GROUND LEVEL.
NOT IN OPERATION
ONE MAN IN OFFICE
(U.P. CORP)
11TH W.
6" W.P.
D.H.
N O E X P O S.
G. N. RY. SIDING
ROAD
(WIDTH NOT DEFINED)
CONCRETE FLOOR
POTATO W. HO.
200' LONG
OIL TRUCK REP'G. CONC. FL.
CRACKING PLANT
Fire Proof Const'n.
CONTROL HO.
COOLING T'K ON PLATF'M 14' HIGH.
PUMP HO.
AIR COMP'R 1ST RECEIVING HO. 2ND
250 BBLS.
RUN DOWN T'KS
250 BBLS ASPHALT
RISIDUE RUN DOWN TOWERS
2,500 BBLS CRUDE OIL
1,500 BBLS ASPHALT
PUMP HO. (REINF. CONC.) IR. R'F. BUTTRESSED WALLS. CONC. FL.
TREATER T'KS
BLR. HO. CONC. FL.
AGITATOR
BLR. FUEL T'K.
FUEL OIL 250 BBLS
LUNCH RM.
CHEM. LAB.
W.T. CAPY: 20,000 GALS. EL. 30'
WATER PUMP HO.
GAS & OIL
CHANCE
OFF.
250 BBLS. GASOL.
KALISPELL FLATHEAD COUNTY
BOUNDARY LINE
(NOT OPEN)
Scale of Feet.
Copyright © 1928 by the Sanborn Map Co

NOV. 1927
KALISPELL
MONT.

1927-1963
YALE



N

Legend

Approximate Facility Boundaries

Cadastral Boundaries in 2004

110 0 220

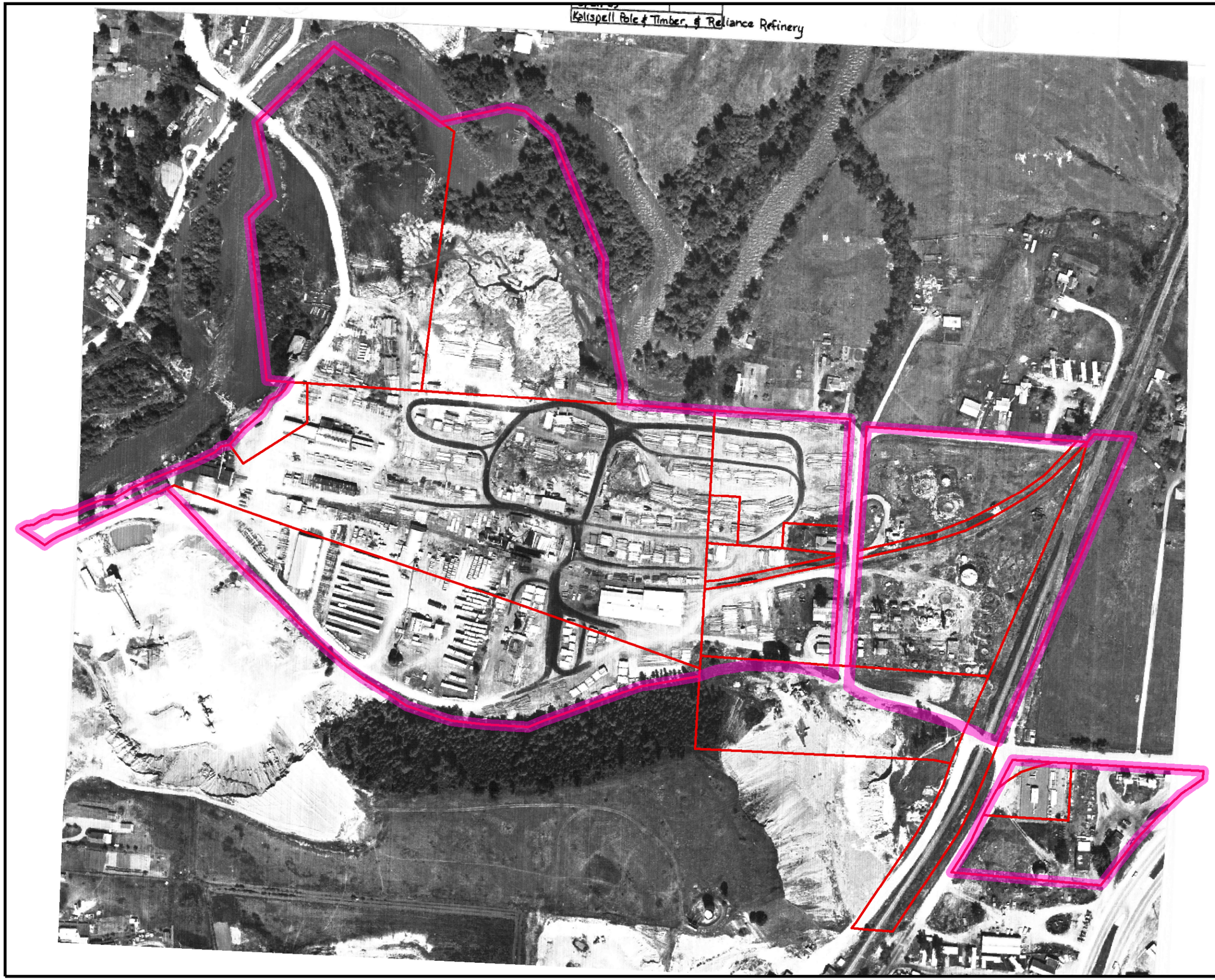
Feet

Tetra Tech EM Inc.

Montana State Superfund Site
Kalispell, Montana

1961 AIR PHOTO AND APPROXIMATE FACILITY BOUNDARIES

GIS map by Ed Madej Ttemi-HE
kalispell1_basemap_1961_airphoto_010506.mxd



Legend

Aproximate Facility Boundaries

Cadastral Boundaries in 2004

130 0 260

Feet

Tetra Tech EM Inc.

Montana State Superfund Site
Kalispell, Montana

1969 AIR PHOTO AND APPROXIMATE FACILITY BOUNDARIES

GIS map by Ed Madej Ttemi-HE
kalispell1_basemap_1961_airphoto_010506.mxd

Legend

- Approximate Facility Boundaries
- Cadastral Boundaries in 2004

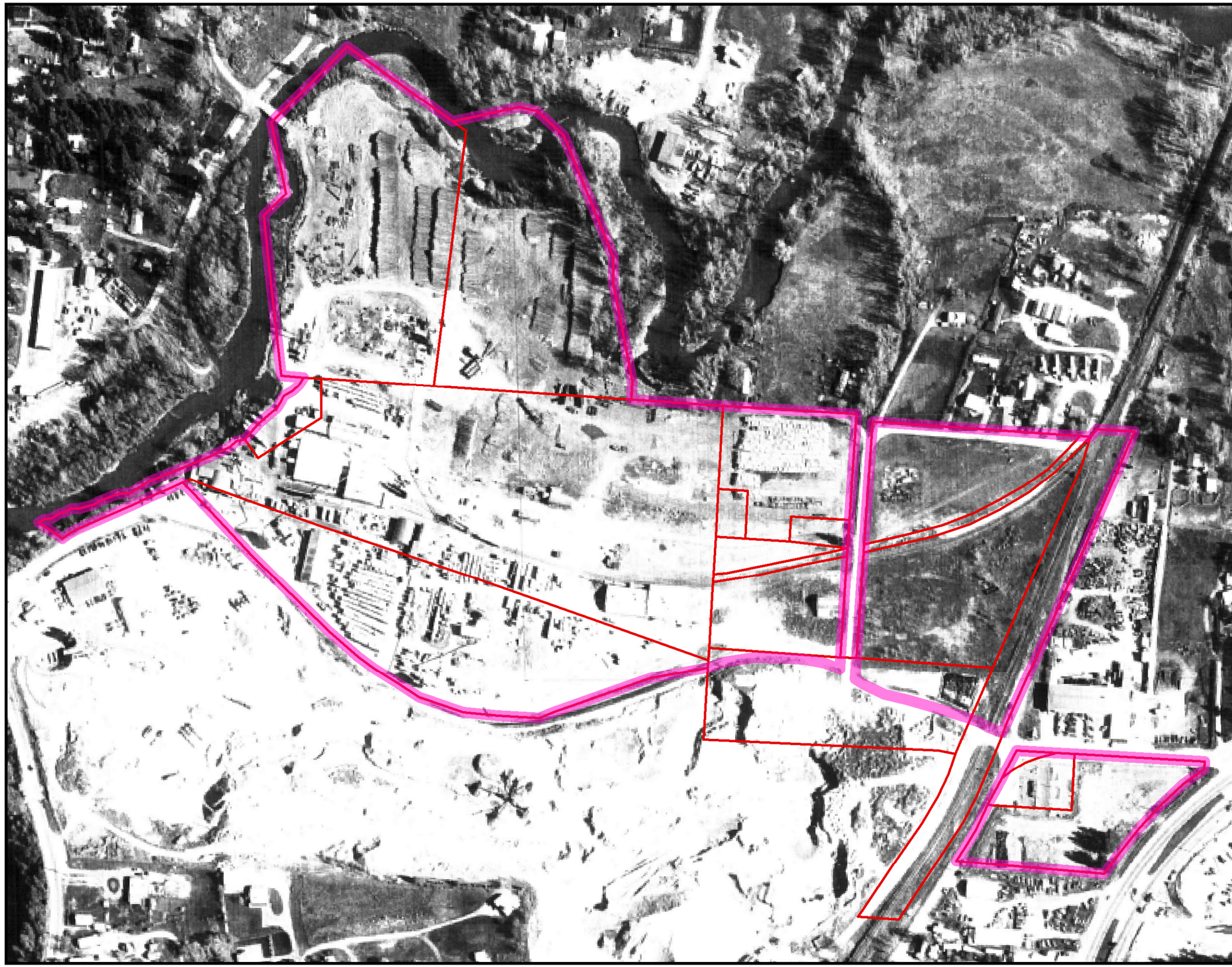
100 0 200
Feet

Tetra Tech EM Inc.

Montana State Superfund Site
Kalispell, Montana

1987 AIR PHOTO AND APPROXIMATE FACILITY BOUNDARIES

GIS map by Ed Madej Ttemi-HE
kalispell1_basemap_1987_Yale_airphoto_010506.mxd



N

Legend

Approximate Facility Boundaries

Cadastral Boundaries in 2004

110 0 220

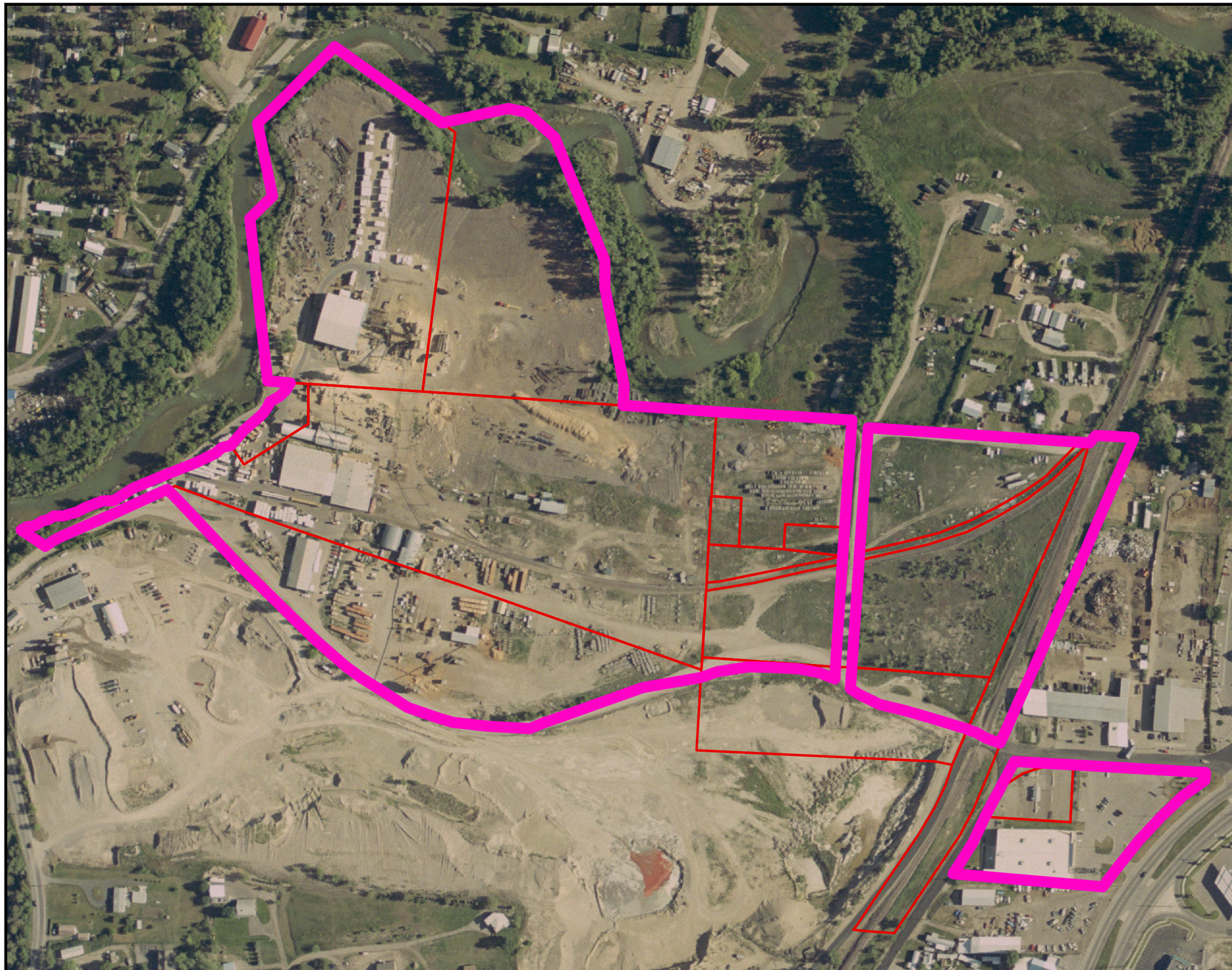
Feet

Tetra Tech EM Inc.

Montana State Superfund Site
Kalispell, Montana

1995 AIR PHOTO AND APPROXIMATE FACILITY BOUNDARIES

GIS map by Ed Madej Ttemi-HE
kalispell1_basemap_1995_airphoto_010506.mxd



N

Legend

Approximate Facility Boundaries

Cadastral Boundaries in 2004

110 0 220

Feet

Tetra Tech EM Inc.

Montana State Superfund Site
Kalispell, Montana

2004 AIR PHOTO AND APPROXIMATE FACILITY BOUNDARIES

GIS map by Ed Madej Ttemi-HE
kalispell1_basemap_2004_airphoto_010506.mxd