Groundwater Quality Data

TECHNICAL AND REGULATORY REVIEW
UNIVERSAL OIL PRODUCTS
EAST RUTHERFORD, NEW JERSEY

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Waste Programs Enforcement
Washington, D.C. 20460

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TABLE B-1. SUMMARY OF GROUNDWATER QUALITY DATA FOR UOP INC.'S PLANT SITE IN EAST RUTHERFORD, NEW JERSEY

CHEMICAL CONCENTRATIONS (Reported in ug/L, except where noted)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 1S 11/83	WELL 1S 1/85	WELL 2S 11/83	WELL 2S 1/85	WELL 2I 11/83	WELL 2I 1/85
acrolein		<100	<100	<100	<100	<100	<200
acrylonitrile		<100	<100	<100	<100	<100	<200
benzene		<5	7.0	<5	<5	<5	<10
carbon tetrachloride		<5	<5	<5	<5	<5	<10
chlorobenzene		<5	<5	<5	<5	<5	<10
1,2-dichloroethane		<5	<5	<5	<5	<5	<10
1,1,1-trichloroethane		<5	<5	<5	<5	<5	<10
1,1-dichloroethane		<5	<5	<5	<5	<5	<10
1,1,2-trichloroethane		<5	<5	<5	<5	<5	<10
1,1,2,2-tetrachloroethane		<10	<10	<10	<10	<10	<10
chloroethane		<10	<10	<10	<10	<10	<10
2-chloroethyl vinyl ether		<10	<10	<10	<10	<10	<10
chloroform		<5	<5	<5	<5	<5	<10
1,1-dichloroethylene		<5	<5	<5	<5	<5	<10
1,2-trans-dichloroethylene		<5	3.4	<5	<5	<5	<10
1,2-dichloropropane		<10	<10	<10	<10	<10	<10
1,3-dichloropropylene		<5	<5	<5	<5	<5	<10
ethylbenzene		<5	<5	<5	<5	<5	<10
methylene chloride		<5	<5	<5	<5	<5	<10
methyl chloride		<10	<10	<10	<10	<10	<10
methyl bromide		<10	<10	<10	<10	<10	<10
bromoform		<10	<10	<10	<10	<10	<10
dichlorobromomethane		<5	<5	<5	<5	<5	<10
trichlorofluoromethane		<10	<10	<10	<10	<10	<10
dichlorodifluoromethane		<10	<10	<10	<10	<10	<10
chlorodibromomethane		<5	<5	<5	<5	<5	<10
tetrachloroethylene		<5	<5	<5	<5	<5	<10
toluene		<5	<5	<5	<5	<5	240
trichloroethylene		<5	<5	<5	<5	<5	<10
vinyl chloride		<10	<10	<10	<10	<10	<10
acetone		<5	<5	130	34	<5	<10
2-butanone		<5	<5	<5	<5	<5	<10
carbon disulfide		<5	<5	<5	<5	<5	<10
2-hexanone		<5	<5	<5	<5	<5	<10
4-methyl-2-pentanone		<5	<5	<5	<5	<5	<10
stryene		<5	<5	<5	<5	<5	<10
vinyl acetate		<5	<5	<5	<5	<5	<10
total xylenes		<5	<5	<5	<5	320	93

TABLE B-1. (CONTINUED/PAGE 2)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 3S	WELL 3S	WELL 3I	WELL 3I		WELL 3D		WELL 3D
		11/83	1/85	11/83	1/85	**	11/83	**	1/85
acrolein		<100	<100	<100	<100	<100	<100	<100	<100
acrylonitrile		<100	<100	<100	<100	<100	<100	<100	<100
benzene		<5	<5	340	160	130	<5	<5	1.5
carbon tetrachloride		<5	<5	<5	<5	<5	<5	<5	<5
chlorobenzene		<5	<5	29	17	16	<5	<5	<5
1,2-dichloroethane		<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-trichloroethane		<5	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethane		<5	<5	<5	12	10	<5	<5	<5
1,1,2-trichloroethane		<5	<5	<5	<5	<5	<5	<5	<5
1,1,2,2-tetrachloroethane		<10	<10	<10	<10	<10	<10	<10	<10
chloroethane		<10	<10	<10	<10	<10	<10	<10	<10
2-chloroethyl vinyl ether		<10	<10	<10	<10	<10	<10	<10	<10
chloroform		<5	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethylene		<5	<5	<5	<5	<5	<5	<5	1.4
1,2-trans-dichloroethylene		<5	<5	<5	<5	<5	53	48	63
1,2-dichloropropane		<10	<10	<10	<10	<10	<10	<10	<10
1,3-dichloropropylene		<5	<5	<5	<5	<5	<5	<5	<5
ethylbenzene		<5	<5	12	2.3	3.2	<5	<5	<5
methylene chloride		<5	<5	<5	12	<5	<5	<5	<5
methyl chloride		<10	<10	<10	<10	<10	<10	<10	<10
methyl bromide		<10	<10	<10	<10	<10	<10	<10	<10
bromoform		<10	<10	<10	<10	<10	<10	<10	<10
dichlorobromomethane		<5	<5	<5	<5	<5	<5	<5	<5
trichlorofluoromethane		<10	<10	<10	<10	<10	<10	<10	<10
dichlorodifluoromethane		<10	<10	<10	<10	<10	<10	<10	<10
chlorodibromomethane		<5	<5	<5	<5	<5	<5	<5	<5
tetrachloroethylene		<5	<5	<5	<5	<5	<5	<5	3.6
toluene		<5	<5	4.5	3.0	2.7	<5	<5	7.8
trichloroethylene		<5	<5	<5	<5	<5	15	14	38
vinyl chloride		<10	<10	<10	<10	<10	<10	<10	<10
acetone		<5	35	<5	<5	<5	<5	<5	<5
2-butanone		<5	<5	<5	<5	<5	<5	<5	<5
carbon disulfide		<5	<5	<5	<5	<5	<5	<5	<5
2-hexanone		<5	<5	<5	<5	<5	<5	<5	<5
4-methyl-2-pentanone		<5	<5	<5	<5	<5	<5	<5	<5
stryene		<5	<5	<5	<5	<5	<5	<5	<5
vinyl acetate		<5	<5	<5	<5	<5	<5	<5	<5
total xylenes		<5	<5	29	6.7	5.7	<5	<5	<5

TABLE B-1. (CONTINUED/PAGE 3)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 4I 11/83	WELL 4I 1/85	WELL 5I 11/83	WELL 5I 1/85	WELL 6I 11/83	WELL 6I 1/85	**
acrolein		<100	<100	<100	<100	<100	<2000	<2000
acrylonitrile		<100	<100	<100	<100	<100	<2000	<2000
benzene		53	76	<5	<5	18000	31000	42000
carbon tetrachloride		<5	<5	<5	<5	<5	<100	<100
chlorobenzene		130	140	<5	<5	18	<100	<100
1,2-dichloroethane		<5	<5	<5	<5	<5	<100	<100
1,1,1-trichloroethane		<5	<5	<5	<5	<5	<100	<100
1,1-dichloroethane		<5	<5	<5	<5	<5	<100	<100
1,1,2-trichloroethane		<5	<5	<5	<5	<5	<100	<100
1,1,2,2-tetrachloroethane		<10	<10	<10	<10	3800	<200	<200
chloroethane		<10	<10	<10	<10	<10	<200	<200
2-chloroethyl vinyl ether		<10	<10	<10	<10	<10	<200	<200
chloroform		<5	<5	<5	<5	<5	<100	<100
1,1-dichloroethylene		<5	<5	<5	<5	<5	<100	<100
1,2-trans-dichloroethylene		1.2	<5	<5	<5	820	100	140
1,2-dichloropropane		<10	<10	<10	<10	<10	<200	<200
1,3-dichloropropylene		<5	<5	<5	<5	<5	<100	<100
ethylbenzene		13	8.8	<5	<5	11	<100	<100
methylene chloride		<5	<5	<5	<5	<5	<100	<100
methyl chloride		<10	<10	<10	<10	<10	<200	<200
methyl bromide		<10	<10	<10	<10	<10	<200	<200
bromoform		<10	<10	<10	<10	<10	<200	<200
dichlorobromomethane		<5	<5	<5	<5	<5	<100	<100
trichlorofluoromethane		<10	<10	<10	<10	<10	<200	<200
dichlorodifluoromethane		<10	<10	<10	<10	<10	<200	<200
chlorodibromomethane		<5	<5	<5	<5	<5	<100	<100
tetrachloroethylene		<5	<5	<5	<5	<5	<100	<100
toluene		2.3	<5	<5	<5	11	<100	<100
trichloroethylene		<5	<5	<5	<5	1000	<100	<100
vinyl chloride		14	4.3	<10	<10	<10	<200	<200
acetone		<5	<5	<5	<5	<5	<100	<100
2-butanone		<5	<5	<5	<5	<5	<100	<100
carbon disulfide		<5	<5	<5	<5	<5	<100	<100
2-hexanone		<5	<5	<5	<5	<5	<100	<100
4-methyl-2-pentanone		<5	<5	<5	<5	<5	<100	<100
stryene		<5	<5	<5	<5	<5	<100	<100
vinyl acetate		<5	<5	<5	<5	<5	<100	<100
total xylenes		3.1	<5	<5	<5	26	<100	<100

TABLE B-1. (CONTINUED/PAGE 4)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 7S 11/83	WELL 7S 1/85	WELL 7I 11/83	WELL 7I 1/85	WELL 7D 11/83	WELL 7D 1/85
acrolein		<100	<100	<100	<200	<100	<100
acrylonitrile		<100	<100	<100	<200	<100	<100
benzene		160	<5	640	780	<5	<5
carbon tetrachloride		<5	<5	<5	<10	<5	<5
chlorobenzene		<5	<5	110	55	<5	<5
1,2-dichloroethane		<5	<5	<5	<10	<5	<5
1,1,1-trichloroethane		<5	<5	<5	<10	<5	<5
1,1-dichloroethane		<5	<5	<5	<10	<5	<5
1,1,2-trichloroethane		<5	<5	<5	<10	<5	<5
1,1,2,2-tetrachloroethane		<10	<10	42	<20	<10	<10
chloroethane		<10	<10	<10	<20	<10	<10
2-chloroethyl vinyl ether		<10	<10	<10	<20	<10	<10
chloroform		<5	<5	<5	<10	<5	<5
1,1-dichloroethylene		<5	<5	<5	<10	<5	<5
1,2-trans-dichloroethylene		<5	<5	<5	<10	<5	<5
1,2-dichloropropane		<10	<10	<10	<20	<10	<10
1,3-dichloropropylene		<5	<5	<5	<10	<5	<5
ethylbenzene		<5	<5	15	<10	<5	<5
methylene chloride		<5	<5	<5	<10	<5	<5
methyl chloride		<10	<10	<10	<20	<10	<10
methyl bromide		<10	<10	<10	<20	<10	<10
bromoform		<10	<10	<10	<20	<10	<10
dichlorobromomethane		<5	<5	<5	<10	<5	<5
trichlorofluoromethane		<10	<10	<10	<20	<10	<10
dichlorodifluoromethane		<10	<10	<10	<20	<10	<10
chlorodibromomethane		<5	<5	<5	<10	<5	<5
tetrachloroethylene		<5	<5	<5	<10	<5	<5
toluene		26	<5	90	30	3.8	<5
trichloroethylene		<5	<5	<5	<10	<5	<5
vinyl chloride		<10	<10	<10	<20	<10	<10
acetone		84	69	<5	<10	<5	<5
2-butanone		<5	<5	<5	<10	<5	<5
carbon disulfide		<5	<5	<5	<10	<5	<5
2-hexanone		<5	<5	<5	<10	<5	<5
4-methyl-2-pentanone		<5	<5	<5	<10	<5	<5
stryene		<5	<5	<5	<10	<5	<5
vinyl acetate		<5	<5	<5	<10	<5	<5
total xylenes		<5	<5	70	50	<5	<5

TABLE B-1. (CONTINUED/PAGE 5)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 8I 11/83	**	WELL 8I 1/85	WELL 9I 11/83	**	WELL 9I 1/85	WELL 10I 11/83	WELL 10I 1/85
acrolein		<100	<100	<100	<100	<100	<100	<100	<100
acrylonitrile		<100	<100	<100	<100	<100	<100	<100	<100
benzene		<5	<5	<5	<5	<5	<5	46	<5
carbon tetrachloride		<5	<5	<5	<5	<5	<5	<5	<5
chlorobenzene		<5	<5	<5	<5	<5	<5	10	<5
1,2-dichloroethane		<5	<5	<5	<5	<5	<5	<5	<5
1,1,1-trichloroethane		<5	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethane		<5	<5	<5	<5	<5	<5	<5	<5
1,1,2-trichloroethane		<5	<5	<5	<5	<5	<5	<5	<5
1,1,2,2-tetrachloroethane		<10	<10	<10	<10	<10	<10	<10	<10
chloroethane		<10	<10	<10	<10	<10	<10	<10	<10
2-chloroethyl vinyl ether		<10	<10	<10	<10	<10	<10	<10	<10
chloroform		<5	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethylene		<5	<5	<5	<5	<5	<5	<5	<5
1,2-trans-dichloroethylene		<5	<5	<5	<5	<5	<5	41	<5
1,2-dichloropropane		<10	<10	<10	<10	<10	<10	<10	<10
1,3-dichloropropylene		<5	<5	<5	<5	<5	<5	<5	<5
ethylbenzene		<5	<5	<5	<5	<5	<5	54	<5
methylene chloride		<5	<5	<5	<5	<5	<5	<5	<5
methyl chloride		<10	<10	<10	<10	<10	<10	<10	<10
methyl bromide		<10	<10	<10	<10	<10	<10	<10	<10
bromoform		<10	<10	<10	<10	<10	<10	<10	<10
dichlorobromomethane		<5	<5	<5	<5	<5	<5	<5	<5
trichlorofluoromethane		<10	<10	<10	<10	<10	<10	<10	<10
dichlorodifluoromethane		<10	<10	<10	<10	<10	<10	<10	<10
chlorodibromomethane		<5	<5	<5	<5	<5	<5	<5	<5
tetrachloroethylene		<5	<5	<5	<5	<5	<5	<5	<5
toluene		<5	<5	<5	<5	<5	<5	21	<5
trichloroethylene		<5	<5	<5	<5	<5	<5	1.1	<5
vinyl chloride		<10	<10	<10	<10	<10	<10	340	<10
acetone		<5	<5	<5	<5	<5	<5	<5	<5
2-butanone		<5	<5	<5	<5	<5	<5	<5	<5
carbon disulfide		<5	<5	<5	<5	<5	<5	<5	<5
2-hexanone		<5	<5	<5	<5	<5	<5	<5	<5
4-methyl-2-pentanone		<5	<5	<5	<5	<5	<5	<5	<5
stryene		<5	<5	<5	<5	<5	<5	<5	<5
vinyl acetate		<5	<5	<5	<5	<5	<5	<5	<5
total xylenes		<5	<5	<5	<5	<5	<5	76	<5

TABLE B-1. (CONTINUED/PAGE 6)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 11I 11/83	WELL 11I 1/85	WELL 12I 1/85	WELL 13I 1/85	WELL 14I 1/85	WELL 15I 1/85
acrolein		<100	<100	<500	<25000	<200	<100
acrylonitrile		<100	<100	<500	<25000	<200	<100
benzene		600	390	770	44000	320	<5
carbon tetrachloride		<5	<5	<25	<1250	<10	<5
chlorobenzene		65	37	910	<1250	330	<5
1,2-dichloroethane		<5	<5	<25	<1250	<10	<5
1,1,1-trichloroethane		<5	<5	<25	<1250	<10	<5
1,1-dichloroethane		<5	<5	<25	<1250	<10	<5
1,1,2-trichloroethane		<5	<5	<25	<1250	<10	<5
1,1,2,2-tetrachloroethane		<10	<10	<50	<2500	<20	<10
chloroethane		<10	<10	<50	<2500	<20	<10
2-chloroethyl vinyl ether		<10	<10	<50	<2500	<20	<10
chloroform		<5	<5	<25	<1250	<10	<5
1,1-dichloroethylene		<5	<5	<25	<1250	<10	<5
1,2-trans-dichloroethylene		<5	<5	<25	<1250	<10	<5
1,2-dichloropropane		<10	<10	<50	<2500	<20	<10
1,3-dichloropropylene		<5	<5	<25	<1250	<10	<5
ethylbenzene		<5	3.9	<25	<1250	87	<5
methylene chloride		<5	<5	<25	<1250	<10	<5
methyl chloride		<10	<10	<50	<2500	<20	<10
methyl bromide		<10	<10	<50	<2500	<20	<10
bromoform		<10	<10	<50	<2500	<20	<10
dichlorobromomethane		<5	<5	<25	<1250	<10	<5
trichlorofluoromethane		<10	<10	<50	<2500	<20	<10
dichlorodifluoromethane		<10	<10	<50	<2500	<20	<10
chlorodibromomethane		<5	<5	<25	<1250	<10	<5
tetrachloroethylene		<5	<5	<25	<1250	<10	<5
toluene		180	27	190	160000	320	<5
trichloroethylene		<5	<5	<25	<1250	<10	<5
vinyl chloride		<10	<10	<50	<2500	<20	<10
acetone		<5	<5	<25	<1250	<10	<5
2-butanone		<5	<5	<25	<1250	<10	<5
carbon disulfide		<5	<5	<25	<1250	<10	<5
2-hexanone		<5	<5	<25	<1250	<10	<5
4-methyl-2-pentanone		<5	<5	<25	<1250	<10	<5
stryene		<5	<5	<25	<1250	<10	<5
vinyl acetate		<5	<5	<25	<1250	<10	<5
total xylenes		<5	8.4	<25	<1250	530	<5

TABLE B-1. (CONTINUED/PAGE 7)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 16I	WELL 17I	WELL 18I	WELL 19I		WELL 20I	WELL 21I
		1/85	1/85	1/85	1/85	**	1/85	1/85
acrolein		<100	<2000	<100	<20000	<20000	<100	<20000
acrylonitrile		<100	<2000	<100	<20000	<20000	<100	<20000
benzene		74	35000	<5	<100	<100	51	6300
carbon tetrachloride		<5	<100	<5	<100	<100	<5	<100
chlorobenzene		39	21000	<5	5700	7900	<5	70
1,2-dichloroethane		<5	<100	<5	<100	<100	<5	<100
1,1,1-trichloroethane		<5	<100	<5	<100	<100	<5	<100
1,1-dichloroethane		<5	<100	<5	<100	<100	<5	<100
1,1,2-trichloroethane		<5	<100	<5	<100	<100	<5	<100
1,1,2,2-tetrachloroethane		<10	<200	<10	<200	<200	<10	<200
chloroethane		<10	<200	<10	<200	<200	<10	<200
2-chloroethyl vinyl ether		<10	<200	<10	<200	<200	<10	<200
chloroform		<5	<100	<5	<100	<100	<5	<100
1,1-dichloroethylene		<5	<100	<5	<100	<100	<5	<100
1,2-trans-dichloroethylene		980	<100	<5	<100	<100	<5	140
1,2-dichloropropane		<10	<200	<10	<200	<200	<10	<200
1,3-dichloropropylene		<5	<100	<5	<100	<100	<5	<100
ethylbenzene		<5	<100	<5	<100	<100	<5	65
methylene chloride		<5	<100	<5	<100	<100	<5	<100
methyl chloride		<10	<200	<10	<200	<200	<10	<200
methyl bromide		<10	<200	<10	<200	<200	<10	<200
bromoform		<10	<200	<10	<200	<200	<10	<200
dichlorobromomethane		<5	<100	<5	<100	<100	<5	<100
trichlorofluoromethane		<10	<200	<10	<200	<200	<10	<200
dichlorodifluoromethane		<10	<200	<10	<200	<200	<10	<200
chlorodibromomethane		<5	<100	<5	<100	<100	<5	<100
tetrachloroethylene		<5	<100	<5	<100	<100	<5	<100
toluene		1.9	110	<5	<100	77	<5	870
trichloroethylene		<5	<100	<5	<100	<100	<5	<100
vinyl chloride		1000	<200	<10	<200	<200	<10	<200
acetone		<5	<100	<5	<100	<100	<5	<100
2-butanone		<5	<100	<5	<100	<100	<5	<100
carbon disulfide		<5	<100	<5	<100	<100	<5	<100
2-hexanone		<5	<100	<5	<100	<100	<5	<100
4-methyl-2-pentanone		<5	<100	<5	<100	<100	<5	<100
stryene		<5	<100	<5	<100	<100	<5	<100
vinyl acetate		<5	<100	<5	<100	<100	<5	<100
total xylenes		<5	<100	<5	<100	<100	<5	230

TABLE B-1. (CONTINUED/PAGE 8)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 22I 1/85	WELL 23I 1/85	WELL 24I 1/85	**	WELL 25I 1/85	WELL 26I 1/85	**
acrolein		<500	<200	<500	<1000	<100	<100	<100
acrylonitrile		<500	<200	<500	<1000	<100	<100	<100
benzene		170	860	890	960	17	<5	<5
carbon tetrachloride		<25	<10	<25	<50	<5	<5	<5
chlorobenzene		2300	<10	370	370	100	<5	<5
1,2-dichloroethane		<25	<10	<25	<50	25	<5	<5
1,1,1-trichloroethane		<25	<10	<25	<50	<5	<5	<5
1,1-dichloroethane		<25	<10	<25	<50	<5	<5	<5
1,1,2-trichloroethane		<25	<10	<25	<50	<5	<5	<5
1,1,2,2-tetrachloroethane		<50	<20	<50	<100	<10	<10	<10
chloroethane		<50	<20	<50	<100	<10	<10	<10
2-chloroethyl vinyl ether		<50	<20	<50	<100	<10	<10	<10
chloroform		<25	<10	<25	<50	<5	<5	<5
1,1-dichloroethylene		<25	<10	<25	<50	<5	<5	<5
1,2-trans-dichloroethylene		<25	<10	130	150	<5	<5	2
1,2-dichloropropane		<50	<20	<50	<100	<10	<10	<10
1,3-dichloropropylene		<25	<10	<25	<50	<5	<5	<5
ethylbenzene		<25	<10	640	70	<5	<5	<5
methylene chloride		<25	<10	<25	<50	<5	<5	<5
methyl chloride		<50	<20	<50	<100	<10	<10	<10
methyl bromide		<50	<20	<50	<100	<10	<10	<10
bromoform		<50	<20	<50	<100	<10	<10	<10
dichlorobromomethane		<25	<10	<25	<50	<5	<5	<5
trichlorofluoromethane		<50	<20	<50	<100	<10	<10	<10
dichlorodifluoromethane		<50	<20	<50	<100	<10	<10	<10
chlorodibromomethane		<25	<10	<25	<50	<5	<5	<5
tetrachloroethylene		<25	<10	<25	<50	<5	<5	<5
toluene		16	870	1600	2000	3.1	<5	<5
trichloroethylene		<25	<10	<25	<50	<5	<5	<5
vinyl chloride		<50	<20	61	<100	<10	<10	<10
acetone		<25	<10	<25	3200	<5	<5	<5
2-butanone		<25	<10	<25	<50	<5	<5	<5
carbon disulfide		<25	<10	<25	<50	<5	<5	<5
2-hexanone		<25	<10	<25	<50	<5	<5	<5
4-methyl-2-pentanone		69	<10	19	<50	<5	<5	<5
stryene		<25	<10	<25	<50	<5	<5	<5
vinyl acetate		<25	<10	<25	<50	<5	<5	<5
total xylenes		19	<10	310	350	2.6	<5	<5

TABLE B-1. (CONTINUED/PAGE 9)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL MW3 11/83	WELL MW3 1/85	WELL MW17 11/83	WELL MW17 1/85	**
acrolein		<100	<100	<100	<100	<200
acrylonitrile		<100	<100	<100	<100	<200
benzene		2.0	<5	92	2.8	75
carbon tetrachloride		<5	<5	<5	<5	<10
chlorobenzene		<5	<5	100	50	220
1,2-dichloroethane		<5	<5	<5	<5	<10
1,1,1-trichloroethane		<5	<5	<5	<5	<10
1,1-dichloroethane		<5	<5	<5	<5	<10
1,1,2-trichloroethane		<5	<5	<5	<5	<10
1,1,2,2-tetrachloroethane		<10	<10	<10	<10	<20
chloroethane		<10	<10	<10	<10	<20
2-chloroethyl vinyl ether		<10	<10	<10	<10	<20
chloroform		<5	<5	<5	<5	<10
1,1-dichloroethylene		<5	<5	<5	<5	<10
1,2-trans-dichloroethylene		<5	<5	330	150	140
1,2-dichloropropane		<10	<10	<10	<10	<20
1,3-dichloropropylene		<5	<5	<5	<5	<10
ethylbenzene		<5	<5	10	<5	17
methylene chloride		<5	<5	<5	<5	<10
methyl chloride		<10	<10	<10	<10	<20
methyl bromide		<10	<10	<10	<10	<20
bromoform		<10	<10	<10	<10	<20
dichlorobromomethane		<5	<5	<5	<5	<10
trichlorofluoromethane		<10	<10	<10	<10	<20
dichlorodifluoromethane		<10	<10	<10	<10	<20
chlorodibromomethane		<5	<5	<5	<5	<10
tetrachloroethylene		<5	<5	4.2	2.5	<10
toluene		<5	<5	160	11	110
trichloroethylene		<5	<5	15	6.8	6.0
vinyl chloride		<10	<10	120	67	47
acetone		<5	<5	<5	42	<10
2-butanone		<5	<5	<5	<5	<10
carbon disulfide		<5	<5	<5	<5	<10
2-hexanone		<5	<5	<5	<5	<10
4-methyl-2-pentanone		<5	<5	<5	<5	<10
stryene		<5	<5	<5	<5	<10
vinyl acetate		<5	<5	<5	<5	<10
total xylenes		320	<5	210	140	180

TABLE B-1. (CONTINUED/PAGE 10)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	FIELD BLANK 1	FIELD BLANK 2	FIELD BLANK 3	FIELD BLANK 4	FIELD BLANK 5
		1/85	1/85	1/85	1/85	1/85
acrolein		<100	<100	<100		<100
acrylonitrile		<100	<100	<100		<100
benzene		<5	<5	<5		<5
carbon tetrachloride		<5	<5	<5		<5
chlorobenzene		<5	<5	<5		<5
1,2-dichloroethane		<5	<5	<5		<5
1,1,1-trichloroethane		<5	<5	<5		<5
1,1-dichloroethane		<5	<5	<5		<5
1,1,2-trichloroethane		<5	<5	<5		<5
1,1,2,2-tetrachloroethane		<10	<10	<10		<10
chloroethane		<10	<10	<10		<10
2-chloroethyl vinyl ether		<10	<10	<10		<10
chloroform		3.7	4.2	5.2		<5
1,1-dichloroethylene		<5	<5	<5		<5
1,2-trans-dichloroethylene		<5	<5	<5		<5
1,2-dichloropropane		<10	<10	<10		<10
1,3-dichloropropylene		<5	<5	<5		<5
ethylbenzene		<5	<5	<5		<5
methylene chloride		<5	<5	290		<5
methyl chloride		<10	<10	<10		<10
methyl bromide		<10	<10	<10		<10
bromoform		<10	<10	<10		<10
dichlorobromomethane		<5	<5	<5		<5
trichlorofluoromethane		<10	<10	<10		<10
dichlorodifluoromethane		<10	<10	<10		<10
chlorodibromomethane		<5	<5	<5		<5
tetrachloroethylene		<5	<5	<5		<5
toluene		<5	<5	<5		<5
trichloroethylene		<5	<5	<5		<5
vinyl chloride		<10	<10	<10		<10
acetone		<5	<5	<5		<5
2-butanone		<5	<5	<5		<5
carbon disulfide		<5	<5	<5		<5
2-hexanone		<5	<5	<5		<5
4-methyl-2-pentanone		<5	<5	<5		<5
stryene		<5	<5	<5		<5
vinyl acetate		<5	<5	<5		<5
total xylenes		<5	<5	<5		<5

TABLE B-1. (CONTINUED/PAGE 11)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 1S 11/83	WELL 1S 1/85	WELL 2S 11/83	WELL 2S 1/85	WELL 2I 11/83	WELL 2I 1/85
acenaphthene		<10	<10	9.0	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	<10	<10	<10	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	18
nitrobenzene		<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		<10	<10	5.4	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	9.8	<10	10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10
diethyl phthalate		18	<10	<10	<10	2.1	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	30	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20
fluorene		<10	<10	6.2	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 12)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 3S 11/83	WELL 3S 1/85	WELL 3I 11/83	WELL 3I 1/85	**	WELL 3D 11/83	**	WELL 3D 1/85
acenaphthene		<10	<10	<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	130	22	21	<10	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	2000	2200	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	19	<10	<10	<10
nitrobenzene		<10	<10	<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		<10	<10	<10	<10	<10	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	<10	<10	12	10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10	40	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 13)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 4I 11/83	WELL 4I 1/85	WELL 5I 11/83	WELL 5I 1/85	WELL 6I 11/83	WELL 6I 1/85	**
acenaphthene		<10	<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		11	<10	<10	<10	<10	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	10	11
nitrobenzene		<10	<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		<10	<10	<10	<10	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		13	<10	<10	<10	9.1	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 14)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 7S 11/83	WELL 7S 1/85	WELL 7I 11/83	WELL 7I 1/85	WELL 7D 11/83	WELL 7D 1/85
acenaphthene		<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	12	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	<10	<10	<10	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	<10
nitrobenzene		<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		8.0	<10	<10	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	<10	<10	9.1
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 15)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 8I 11/83	**	WELL 8I 1/85	WELL 9I 11/83	**	WELL 9I 1/85	WELL 10I 11/83	WELL 10I 1/85
acenaphthene		<10	<10	<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10	<10	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	280	<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	<10	10	<10
nitrobenzene		<10	<10	<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		8.0	<10	<10	<10	<10	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 16)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 11I	WELL 11I	WELL 12I	WELL 13I	WELL 14I	WELL 15I
		11/83	1/85	1/85	1/85	1/85	1/85
acenaphthene		<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	17	<10
2-chloronaphthalene		<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		9.1	6	<10	<10	1300	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	37	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<10	<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	<10
nitrobenzene		<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		<10	<10	<10	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	<10	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 17)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 16I	WELL 17I	WELL 18I	WELL 19I		WELL 20I	WELL 21I
		1/85	1/85	1/85	1/85	**	1/85	1/85
acenaphthene		<10	<10	<10	<10	<10	<10	<50
benzidine		<40	<40	<40	<40	<40	<40	<200
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10	<50
hexachlorobenzene		<10	<10	<10	<10	<10	<10	<50
hexachloroethane		<10	<10	<10	<10	<10	<10	<50
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10	<10	6
2-chloronaphthalene		<10	<10	<10	<10	<10	<10	<50
1,2-dichlorobenzene		<10	<10	<10	2000	4500	<10	4
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10	4.4
1,4-dichlorobenzene		<10	<10	<10	25	<10	<10	12
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20	<500
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20	<500
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20	<500
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	<20	<20	<20	<500
fluoranthene		<10	<10	<10	<10	<10	<10	<50
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<50
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<50
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20	<100
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20	<100
hexachlorobutadiene		<10	<10	<10	<10	<10	<10	<50
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10	<50
isophorone		<10	<10	<10	<10	<10	<10	<50
naphthalene		<10	14	<10	<10	<10	<10	<50
nitrobenzene		<10	<10	<10	<10	<10	<10	<50
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10	<50
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10	<50
bis(2-ethylhexyl)phthalate		<10	<10	<10	<10	48	<10	<50
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10	<50
di-n-butyl phthalate		<10	<10	<10	<10	<10	<10	<50
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10	<50
diethyl phthalate		<10	<10	<10	<10	<10	<10	12
dimethyl phthalate		<10	<10	<10	<10	<10	<10	<50
benzo(a)anthracene		<10	<10	<10	<10	<10	<10	<50
benzo(a)pyrene		<20	<20	<20	<20	<20	<20	<500
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20	<500
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20	<500
chrysene		<20	<20	<20	<20	<20	<20	<500
acenaphthylene		<10	<10	<10	<10	<10	<10	<50
anthracene		<10	<10	<10	<10	<10	<10	<50
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20	<500
fluorene		<10	<10	<10	<10	<10	<10	<50
phenanthrene		<10	<10	<10	<10	<10	<10	<50
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20	<500
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20	<500
pyrene		<10	<10	<10	<10	<10	<10	<50

TABLE B-1. (CONTINUED/PAGE 18)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 22I 1/85	WELL 23I 1/85	WELL 24I 1/85	**	WELL 25I 1/85	WELL 26I 1/85	**
acenaphthene		<10	<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		2000	<10	16	168	<10	<10	<10
1,3-dichlorobenzene		4.8	<10	<10	14	<10	<10	<10
1,4-dichlorobenzene		88	<10	4.8	56	<10	<10	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		156	<20	<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	7.6	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	<10	<10
nitrobenzene		<10	<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		31	<10	<10	64	136	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	5.2	<10	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	22	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	6.8	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	6.4	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	5.6	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 19)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL MW3 11/83	WELL MW3 1/85	WELL MW17 11/83	WELL MW17 1/85	**
acenaphthene		<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	29	17	26
hexachlorobenzene		<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	150	96	92
1,3-dichlorobenzene		<10	<10	90	110	96
1,4-dichlorobenzene		<10	<10	35	34	34
3,3-dichlorobenzidine		<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10
naphthalene		<10	<10	7.5	<10	7
nitrobenzene		<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		<10	<10	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10
di-n-butyl phthalate		10	<10	<10	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 20)

BASE/NEUTRAL EXTRACTABLE COMPOUNDS	SAMPLING DATE:	FIELD BLANK 1	FIELD BLANK 2	FIELD BLANK 3	FIELD BLANK 4	FIELD BLANK 5
		1/85	1/85	1/85	1/85	1/85
acenaphthene		<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10
2-chloronaphthalene		<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	<10	<10	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10
3,3-dichlorobenzidine		<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20
1,2-diphenylhydrazine (as azobenzene)		<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10
bis(2-chloroisopropyl)ether		<20	<20	<20	<20	<20
bis(2-chloroethoxy)methane		<20	<20	<20	<20	<20
hexachlorobutadiene		<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10
nitrobenzene		<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10
bis(2-ethylhexyl)phthalate		80	25	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10
benzo(ghi)perylene		<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 21)

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 1S	WELL 1S	WELL 2S	WELL 2S	WELL 2I	WELL 2I
		11/83	1/85	11/83	1/85	11/83	1/85
2,4,6-trichlorophenol		<10	NR	<10	NR	<10	<10
p-chloro-m-cresol		<10	NR	<10	NR	<10	<10
2-chlorophenol		<10	NR	<10	NR	<10	<10
2,4-dichlorophenol		<10	NR	<10	NR	<10	<10
2,4-dimethylphenol		<10	NR	<10	NR	<10	<10
2-nitrophenol		<20	NR	<20	NR	<20	<20
4-nitrophenol		<50	NR	<50	NR	<50	<50
2,4-dinitrophenol		<50	NR	<50	NR	<50	<50
4,6-dinitro-o-cresol		<20	NR	<20	NR	<20	<20
pentachlorophenol		<10	NR	<10	NR	<10	<10
phenol		<10	NR	<10	NR	<10	<10

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 3S	WELL 3S	WELL 3I	WELL 3I		WELL 3D		WELL 3D
		11/83	1/85	11/83	1/85	**	11/83	**	1/85
2,4,6-trichlorophenol		<10	<10	<10	<10	<10	<10	<10	<10
p-chloro-m-cresol		<10	<10	<10	<10	<10	<10	<10	<10
2-chlorophenol		<10	<10	<10	<10	<10	<10	<10	<10
2,4-dichlorophenol		<10	<10	<10	<10	<10	<10	<10	<10
2,4-dimethylphenol		<10	<10	<10	<10	<10	<10	<10	<10
2-nitrophenol		<20	<20	<20	<20	<20	<20	<20	<20
4-nitrophenol		<50	<50	<50	<50	<50	<50	<50	<50
2,4-dinitrophenol		<50	<50	<50	<50	<50	<50	<50	<50
4,6-dinitro-o-cresol		<20	<20	<20	<20	<20	<20	<20	<20
pentachlorophenol		<10	<10	<10	<10	<10	<10	<10	<10
phenol		<10	<10	<10	<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 22)

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 4I	WELL 4I	WELL 5I	WELL 5I	WELL 6I	WELL 6I	
		11/83	1/85	11/83	1/85	11/83	1/85	**
2,4,6-trichlorophenol		<10	NR	<10	NR	<10	<10	<10
p-chloro-m-cresol		<10	NR	<10	NR	<10	<10	<10
2-chlorophenol		<10	NR	<10	NR	<10	<10	<10
2,4-dichlorophenol		<10	NR	<10	NR	<10	<10	<10
2,4-dimethylphenol		<10	NR	<10	NR	<10	<10	<10
2-nitrophenol		<20	NR	<20	NR	<20	<20	<20
4-nitrophenol		<50	NR	<50	NR	<50	<50	<50
2,4-dinitrophenol		<50	NR	<50	NR	<50	<50	<50
4,6-dinitro-o-cresol		<20	NR	<20	NR	<20	<20	<20
pentachlorophenol		<10	NR	<10	NR	<10	<10	<10
phenol		<10	NR	<10	NR	88	336	196

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 7S	WELL 7S	WELL 7I	WELL 7I	WELL 7D	WELL 7D
		11/83	1/85	11/83	1/85	11/83	1/85
2,4,6-trichlorophenol		<10	NR	<10	<10	<10	<10
p-chloro-m-cresol		<10	NR	<10	<10	<10	<10
2-chlorophenol		<10	NR	<10	<10	<10	<10
2,4-dichlorophenol		<10	NR	<10	<10	<10	<10
2,4-dimethylphenol		<10	NR	<10	<10	<10	<10
2-nitrophenol		<20	NR	<20	<20	<20	<20
4-nitrophenol		<50	NR	<50	<50	<50	<50
2,4-dinitrophenol		<50	NR	<50	<50	<50	<50
4,6-dinitro-o-cresol		<20	NR	<20	<20	<20	<20
pentachlorophenol		<10	NR	<10	<10	<10	<10
phenol		<10	NR	8.2	21	<10	<10

TABLE B-1. (CONTINUED/PAGE 23)

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 8I		WELL 8I	WELL 9I		WELL 9I	WELL 10I	WELL 10I
		11/83	**	1/85	11/83	**	1/85	11/83	1/85
2,4,6-trichlorophenol		<10	<10	<10	<10	<10	NR	<10	<10
p-chloro-m-cresol		<10	<10	<10	<10	<10	NR	<10	<10
2-chlorophenol		<10	<10	<10	<10	<10	NR	<10	<10
2,4-dichlorophenol		<10	<10	<10	<10	<10	NR	<10	<10
2,4-dimethylphenol		<10	<10	<10	<10	<10	NR	<10	<10
2-nitrophenol		<20	<20	<20	<20	<20	NR	<20	<20
4-nitrophenol		<50	<50	<50	<50	<50	NR	<50	<50
2,4-dinitrophenol		<50	<50	<50	<50	<50	NR	<50	<50
4,6-dinitro-o-cresol		<20	<20	<20	<20	<20	NR	<20	<20
pentachlorophenol		<10	<10	<10	<10	<10	NR	<10	<10
phenol		<10	<10	<10	<10	<10	NR	<10	<10

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 11I	WELL 11I	WELL 12I	WELL 13I	WELL 14I	WELL 15I
		11/83	1/85	1/85	1/85	1/85	1/85
2,4,6-trichlorophenol		<10	NR	<10	<10	<10	<10
p-chloro-m-cresol		<10	NR	<10	<10	<10	<10
2-chlorophenol		<10	NR	8.8	<10	<10	<10
2,4-dichlorophenol		<10	NR	<10	<10	<10	<10
2,4-dimethylphenol		<10	NR	<10	36	<10	<10
2-nitrophenol		<20	NR	<20	<20	<20	<20
4-nitrophenol		<50	NR	<50	<50	<50	<50
2,4-dinitrophenol		<50	NR	<50	<50	<50	<50
4,6-dinitro-o-cresol		<20	NR	<20	<20	<20	<20
pentachlorophenol		<10	NR	<10	<10	<10	<10
phenol		<10	NR	22	114	<10	<10

TABLE B-1. (CONTINUED/PAGE 24)

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 16I	WELL 17I	WELL 18I	WELL 19I		WELL 20I	WELL 21I
		1/85	1/85	1/85	1/85	**	1/85	1/85
2,4,6-trichlorophenol		<10	<10	<10	<10	<10	<10	<10
p-chloro-m-cresol		<10	<10	<10	<10	<10	<10	<10
2-chlorophenol		<10	48	<10	<10	<10	<10	<10
2,4-dichlorophenol		<10	<10	<10	<10	<10	<10	<10
2,4-dimethylphenol		<10	<10	<10	<10	<10	<10	<10
2-nitrophenol		<20	<20	<20	<20	<20	<20	<20
4-nitrophenol		<50	<50	<50	<50	<50	<50	<50
2,4-dinitrophenol		<50	<50	<50	<50	<50	<50	<50
4,6-dinitro-o-cresol		<20	<20	<20	<20	<20	<20	<20
pentachlorophenol		<10	<10	<10	<10	<10	<10	<10
phenol		<10	480	<10	<10	<10	<10	33

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL 22I	WELL 23I	WELL 24I		WELL 25I	WELL 26I	
		1/85	1/85	1/85	**	1/85	1/85	**
2,4,6-trichlorophenol		<10	<10	<10	<10	<10	<10	<10
p-chloro-m-cresol		<10	<10	<10	<10	<10	<10	<10
2-chlorophenol		<10	<10	<10	<10	<10	<10	<10
2,4-dichlorophenol		<10	<10	<10	<10	<10	<10	<10
2,4-dimethylphenol		<10	<10	<10	<10	<10	<10	<10
2-nitrophenol		<20	<20	<20	<20	<20	<20	<20
4-nitrophenol		<50	<50	<50	<50	<50	<50	<50
2,4-dinitrophenol		<50	<50	<50	<50	<50	<50	<50
4,6-dinitro-o-cresol		<20	<20	<20	<20	<20	<20	<20
pentachlorophenol		<10	<10	<10	<10	<10	<10	<10
phenol		<10	580	13	100	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 25)

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	WELL MW3 11/83	WELL MW3 1/85	WELL MW17 11/83	WELL MW17 1/85	**
2,4,6-trichlorophenol		<10	NR	<10	NR	NR
p-chloro-m-cresol		<10	NR	<10	NR	NR
2-chlorophenol		<10	NR	<10	NR	NR
2,4-dichlorophenol		<10	NR	<10	NR	NR
2,4-dimethylphenol		<10	NR	<10	NR	NR
2-nitrophenol		<20	NR	<20	NR	NR
4-nitrophenol		<50	NR	<50	NR	NR
2,4-dinitrophenol		<50	NR	<50	NR	NR
4,6-dinitro-o-cresol		<20	NR	<20	NR	NR
pentachlorophenol		<10	NR	<10	NR	NR
phenol		<10	NR	<10	NR	NR

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	FIELD BLANK 1 1/85	FIELD BLANK 2 1/85	FIELD BLANK 3 1/85	FIELD BLANK 4 1/85	FIELD BLANK 5 1/85
2,4,6-trichlorophenol		<10	<10	<10	<10	<10
p-chloro-m-cresol		<10	<10	<10	<10	<10
2-chlorophenol		<10	<10	<10	<10	<10
2,4-dichlorophenol		<10	<10	<10	<10	<10
2,4-dimethylphenol		<10	<10	<10	<10	<10
2-nitrophenol		<20	<20	<20	<20	<20
4-nitrophenol		<50	<50	<50	<50	<50
2,4-dinitrophenol		<50	<50	<50	<50	<50
4,6-dinitro-o-cresol		<20	<20	<20	<20	<20
pentachlorophenol		<10	<10	<10	<10	<10
phenol		<10	<10	<10	<10	<10

TABLE B-1. (CONTINUED/PAGE 26)

NON-PRIORITY POLLUTANT HAZARDOUS COMPOUNDS	SAMPLING DATE:	WELL 1S	WELL 2S	WELL 2I	WELL 3S	WELL 3I	WELL 3D	
		11/83	11/83	11/83	11/83	11/83	11/83	**
benzoic acid		<100	<100	<100	17	<100	<100	<100
2-methylphenol		<5	<5	<5	<5	<5	<5	<5
4-methylphenol		<5	<5	<5	<5	<5	<5	<5
2,4,5-trichlorophenol		<100	<100	<100	<100	<100	<100	<100
aniline		<5	<5	<5	<5	<5	<5	<5
benzyl alcohol		<20	9.6	72	<20	<20	<20	<20
4-chloroaniline		<50	<50	<50	<50	<50	<50	<50
dibenzofuran		<10	<10	<10	<10	<10	<10	<10
2-methylnapthalene		<20	<20	<20	<20	<20	<20	<20
2-nitroaniline		<100	<100	<100	<100	<100	<100	<100
3-nitroaniline		<100	<100	<100	<100	<100	<100	<100
4-nitroaniline		<100	<100	<100	<100	<100	<100	<100

NON-PRIORITY POLLUTANT HAZARDOUS COMPOUNDS	SAMPLING DATE:	WELL 4I	WELL 5I	WELL 6I	WELL 7S	WELL 7I	WELL 7D
		11/83	11/83	11/83	11/83	11/83	11/83
benzoic acid		<100	<100	<100	<100	<100	<100
2-methylphenol		<5	<5	<5	<5	28	<5
4-methylphenol		<5	<5	<5	<5	24	<5
2,4,5-trichlorophenol		<100	<100	<100	<100	<100	<100
aniline		<5	<5	<5	<5	<5	<5
benzyl alcohol		<20	<20	14	<20	<20	<20
4-chloroaniline		65	65	65	<50	<50	<50
dibenzofuran		<10	<10	<10	<10	<10	<10
2-methylnapthalene		<20	<20	<20	<20	<20	<20
2-nitroaniline		<100	<100	<100	<100	<100	<100
3-nitroaniline		<100	<100	<100	<100	<100	<100
4-nitroaniline		<100	<100	<100	<100	<100	<100

TABLE B-1. (CONTINUED/PAGE 27)

NON-PRIORITY POLLUTANT HAZARDOUS COMPOUNDS	SAMPLING DATE:	WELL 8I		WELL 9I		WELL 10I	WELL 11I	WELL MW3	WELL MW17
		11/83	**	11/83	**	11/83	11/83	11/83	11/83
benzoic acid		<100	<100	<100	<100	<100	<100	<100	<100
2-methylphenol		<5	<5	<5	<5	<5	15	15	15
4-methylphenol		<5	<5	<5	<5	<5	230	230	230
2,4,5-trichlorophenol		<100	<100	<100	<100	<100	<100	<100	<100
aniline		<5	<5	<5	<5	<5	<5	<5	<5
benzyl alcohol		<20	<20	<20	<20	<20	<20	12	7.1
4-chloroaniline		<50	<50	<50	<50	<50	<50	<50	<50
dibenzofuran		<10	<10	<10	<10	<10	<10	<10	<10
2-methylnapthalene		<20	<20	<20	<20	<20	<20	<20	<20
2-nitroaniline		<100	<100	<100	<100	<100	<100	<100	<100
3-nitroaniline		<100	<100	<100	<100	<100	<100	<100	<100
4-nitroaniline		<100	<100	<100	<100	<100	<100	<100	<100

TABLE B-1. (CONTINUED/PAGE 28)

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	WELL 1S	WELL 2S	WELL 2I	WELL 3S	WELL 3I		WELL 3D
		1/85	1/85	1/85	1/85	1/85	**	1/85
aldrin		<10	<10	<10		<10	<10	<10
B-BHC		<10	<10	<10		<10	<10	<10
D-BHC		<10	<10	<10		<10	<10	<10
chlordane		<100	<100	<100		<100	<100	<100
4,4'-DDD		<10	<10	<10		<10	<10	<10
4,4'-DDE		<10	<10	<10		<10	<10	<10
4,4'-DDT		<10	<10	<10		<10	<10	<10
dieldrin		<10	<10	<10		<10	<10	<10
endosulfan sulfate		<20	<20	<20		<20	<20	<20
endrin aldehyde		<20	<20	<20		<20	<20	<20
heptachlor		<10	<10	<10		<10	<10	<10
heptachlor epoxide		<10	<10	<10		<10	<10	<10
PCB		<50	<50	<50		<50	<50	<50
toxaphene		<500	<500	<500		<500	<500	<500

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	WELL 4I	WELL 5I	WELL 6I		WELL 7S	WELL 7I	WELL 7D
		1/85	1/85	1/85	**	1/85	1/85	1/85
aldrin		<10	<10	<10	<10	<10	<10	<10
B-BHC		<10	<10	<10	<10	<10	<10	<10
D-BHC		<10	<10	<10	<10	<10	<10	<10
chlordane		<100	<100	<100	<100	<100	<100	<100
4,4'-DDD		<10	<10	<10	<10	<10	<10	<10
4,4'-DDE		<10	<10	<10	<10	<10	<10	<10
4,4'-DDT		<10	<10	<10	<10	<10	<10	<10
dieldrin		<10	<10	<10	<10	<10	<10	<10
endosulfan sulfate		<20	<20	<20	<20	<20	<20	<20
endrin aldehyde		<20	<20	<20	<20	<20	<20	<20
heptachlor		<10	<10	<10	<10	<10	<10	<10
heptachlor epoxide		<10	<10	<10	<10	<10	<10	<10
PCB		<50	<50	<50	<50	<50	<50	<50
toxaphene		<500	<500	<500	<500	<500	<500	<500

TABLE B-1. (CONTINUED/PAGE 29)

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	WELL 8I	WELL 9I	WELL 10I	WELL 11I	WELL 12I	WELL 13I
		1/85	1/85	1/85	1/85	1/85	1/85
aldrin		<10	<10	<10	<10	<10	<10
B-BHC		<10	<10	<10	<10	<10	<10
D-BHC		<10	<10	<10	<10	<10	<10
chlordane		<100	<100	<100	<100	<100	<100
4,4'-DDD		<10	<10	<10	<10	<10	<10
4,4'-DDE		<10	<10	<10	<10	<10	<10
4,4'-DDT		<10	<10	<10	<10	<10	<10
dieldrin		<10	<10	<10	<10	<10	<10
endosulfan sulfate		<20	<20	<20	<20	<20	<20
endrin aldehyde		<20	<20	<20	<20	<20	<20
heptachlor		<10	<10	<10	<10	<10	<10
heptachlor epoxide		<10	<10	<10	<10	<10	<10
PCB		<50	<50	<50	<50	<50	22
toxaphene		<500	<500	<500	<500	<500	<500

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	WELL 14I	WELL 15I	WELL 16I	WELL 17I	WELL 18I	WELL 19I	**
		1/85	1/85	1/85	1/85	1/85	1/85	
aldrin		<10	<10	<10	<10	<10	<10	<10
B-BHC		<10	<10	<10	<10	<10	<10	<10
D-BHC		<10	<10	<10	<10	<10	<10	<10
chlordane		<100	<100	<100	<100	<100	<100	<100
4,4'-DDD		<10	<10	<10	<10	<10	<10	<10
4,4'-DDE		<10	<10	<10	<10	<10	<10	<10
4,4'-DDT		<10	<10	<10	<10	<10	<10	<10
dieldrin		<10	<10	<10	<10	<10	<10	<10
endosulfan sulfate		<20	<20	<20	<20	<20	<20	<20
endrin aldehyde		<20	<20	<20	<20	<20	<20	<20
heptachlor		<10	<10	<10	<10	<10	<10	<10
heptachlor epoxide		<10	<10	<10	<10	<10	<10	<10
PCB		<50	13	<50	<50	<50	<50	<50
toxaphene		<500	<500	<500	<500	<500	<500	<500

TABLE B-1. (CONTINUED/PAGE 30)

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	WELL 20I	WELL 21I	WELL 22I	WELL 23I	WELL 24I		WELL 25I
		1/85	1/85	1/85	1/85	1/85	**	1/85
aldrin		<10	<10	<10	<10	<10	<10	<10
B-BHC		<10	<10	<10	<10	<10	<10	<10
D-BHC		<10	<10	<10	<10	<10	<10	<10
chlordane		<100	<100	<100	<100	<100	<100	<100
4,4'-DDD		<10	<10	<10	<10	<10	<10	<10
4,4'-DDE		<10	<10	<10	<10	<10	<10	<10
4,4'-DDT		<10	<10	<10	<10	<10	<10	<10
dieldrin		<10	<10	<10	<10	<10	<10	<10
endosulfan sulfate		<20	<20	<20	<20	<20	<20	<20
endrin aldehyde		<20	<20	<20	<20	<20	<20	<20
heptachlor		<10	<10	<10	<10	<10	<10	<10
heptachlor epoxide		<10	<10	<10	<10	<10	<10	<10
PCB		<50	<50	<50	1100	<50	<50	46
toxaphene		<500	<500	<500	<500	<500	<500	<500

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	WELL 26I		WELL MW3	WELL MW17	
		1/85	**	1/85	1/85	**
aldrin		<10	<10	<10	<10	<10
B-BHC		<10	<10	<10	<10	<10
D-BHC		<10	<10	<10	<10	<10
chlordane		<100	<100	<100	<100	<100
4,4'-DDD		<10	<10	<10	<10	<10
4,4'-DDE		<10	<10	<10	<10	<10
4,4'-DDT		<10	<10	<10	<10	<10
dieldrin		<10	<10	<10	<10	<10
endosulfan sulfate		<20	<20	<20	<20	<20
endrin aldehyde		<20	<20	<20	<20	<20
heptachlor		<10	<10	<10	<10	<10
heptachlor epoxide		<10	<10	<10	<10	<10
PCB		4.3	3.2	<50	<50	<50
toxaphene		<500	<500	<500	<500	<500

TABLE B-1. (CONTINUED/PAGE 31)

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	FIELD BLANK 1	FIELD BLANK 2	FIELD BLANK 3	FIELD BLANK 4	FIELD BLANK 5
		1/85	1/85	1/85	1/85	1/85
aldrin		<10	<10	<10	<10	<10
B-BHC		<10	<10	<10	<10	<10
D-BHC		<10	<10	<10	<10	<10
chlordane		<100	<100	<100	<100	<100
4,4'-DDD		<10	<10	<10	<10	<10
4,4'-DDE		<10	<10	<10	<10	<10
4,4'-DDT		<10	<10	<10	<10	<10
dieldrin		<10	<10	<10	<10	<10
endosulfan sulfate		<20	<20	<20	<20	<20
endrin aldehyde		<20	<20	<20	<20	<20
heptachlor		<10	<10	<10	<10	<10
heptachlor epoxide		<10	<10	<10	<10	<10
PCB		<50	<50	<50	<50	<50
toxaphene		<500	<500	<500	<500	<500

TABLE B-1. (CONTINUED/PAGE 32)

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 1S 11/83	WELL 1S 1/85	WELL 2S 11/83	WELL 2S 1/85	WELL 2I 11/83	WELL 2I 1/85
phenol as phenol (mg/L)		0.001	<0.001	0.001	0.005	0.17	0.08
arsenic as As (mg/L)		0.002	0.004	0.009	0.008	<0.002	0.003
chromium as Cr (mg/L)		0.010	<0.02	0.03	<0.02	0.005	<0.02
cyanide as CN (mg/L)		<0.02	<0.02	0.02	0.02	<0.02	<0.02
lead as Pb (mg/L)		0.012	<0.005	0.058	0.012	0.076	0.009
manganese as Mn (mg/L)		18.0	23	0.04	0.08	0.50	1.0
zinc as Zn (mg/L)		0.02	0.02	0.03	0.03	0.02	0.02
cadmium as Cd (mg/L)		0.009	<0.002	0.002	<0.001	0.002	<0.001
pH		5.9		7.6		6.7	
specific cond. (umhos/cm)		7500		2800		2010	
total organic carbon (mg/L)			70		510		70
mercury as Hg (mg/L)			<0.0005		<0.0005		<0.0005
iron as Fe (mg/L)			0.24		1.5		0.36

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 3S 11/83	WELL 3S 1/85	WELL 3I 11/83	WELL 3I 1/85	**	WELL 3D 11/83	**	WELL 3D 1/85
phenol as phenol (mg/L)		0.004	0.003	0.05	0.006	0.007	ND	ND	0.006
arsenic as As (mg/L)		0.01	0.012	0.006	0.002	<0.002	<0.002	<0.002	<0.002
chromium as Cr (mg/L)		0.05	<0.02	0.005	<0.02	<0.02	0.007	<0.005	<0.02
cyanide as CN (mg/L)		0.01	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
lead as Pb (mg/L)		0.11	<0.005	0.090	0.007	<0.005	0.006	0.010	0.010
manganese as Mn (mg/L)		5.0	0.08	3.2	5.5	5.5	0.02	0.03	0.16
zinc as Zn (mg/L)		0.15	<0.02	<0.02	0.03	0.04	<0.02	<0.02	0.03
cadmium as Cd (mg/L)		0.002	<0.001	0.005	<0.001	<0.001	<0.001	<0.001	<0.001
pH		6.1		6.2			5.8		
specific cond. (umhos/cm)		1450		2500			450		
total organic carbon (mg/L)			150		90	80			150
mercury as Hg (mg/L)			<0.0005		<0.0005	<0.0005			<0.0005
iron as Fe (mg/L)			0.16		9.5	9.0			0.86

TABLE B-1. (CONTINUED/PAGE 33)

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 4I 11/83	WELL 4I 1/85	WELL 5I 11/83	WELL 5I 1/85	WELL 6I 11/83	WELL 6I 1/85	**
phenol as phenol (mg/L)		0.005	0.012	0.019	<0.001	1.2	0.060	0.070
arsenic as As (mg/L)		<0.002	0.002	0.003	<0.002	0.003	0.003	0.002
chromium as Cr (mg/L)		<0.005	<0.02	<0.005	<0.02	<0.005	<0.02	<0.02
cyanide as CN (mg/L)		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
lead as Pb (mg/L)		0.28	<0.005	0.028	<0.005	0.013	<0.005	<0.005
manganese as Mn (mg/L)		1.4	2.6	2.9	1.2	0.72	0.54	0.54
zinc as Zn (mg/L)		<0.02	0.02	<0.02	0.03	0.02	0.04	0.04
cadmium as Cd (mg/L)		<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001
pH		6.5		6.4		6.5		
specific cond. (umhos/cm)		1200		1250		950		
total organic carbon (mg/L)			75		35		60	90
mercury as Hg (mg/L)			<0.0005		<0.0005		<0.0005	<0.0005
iron as Fe (mg/L)			6.6		2.1		28	27

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 7S 11/83	WELL 7S 1/85	WELL 7I 11/83	WELL 7I 1/85	WELL 7D 11/83	WELL 7D 1/85
phenol as phenol (mg/L)		0.003	0.007	0.064	0.040	ND	<0.001
arsenic as As (mg/L)		<0.002	0.009	0.021	0.060	<0.002	<0.002
chromium as Cr (mg/L)		0.008	<0.02	0.011	<0.02	0.005	<0.02
cyanide as CN (mg/L)		0.02	<0.02	<0.02	<0.02	<0.02	<0.02
lead as Pb (mg/L)		0.088	0.013	0.040	<0.01	0.006	<0.005
manganese as Mn (mg/L)		0.46	<0.02	0.67	1.4	0.07	0.04
zinc as Zn (mg/L)		0.22	0.04	0.04	0.04	<0.02	0.04
cadmium as Cd (mg/L)		0.006	0.007	<0.001	<0.002	<0.001	<0.001
pH		8.4		6.8		5.7	
specific cond. (umhos/cm)		3750		2500		350	
total organic carbon (mg/L)			240		210		140
mercury as Hg (mg/L)			<0.0005		<0.0005		<0.0005
iron as Fe (mg/L)			0.24		22		<0.05

TABLE B-1. (CONTINUED/PAGE 34)

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 8I 11/83		WELL 8I 1/85	WELL 9I 11/83		WELL 9I 1/85	WELL 10I 11/83	WELL 10I 1/85
phenol as phenol (mg/L)		0.002	0.004	0.005	0.004	ND	<0.001	0.031	0.007
arsenic as As (mg/L)		<0.002	<0.002	<0.002	0.005	<0.002	0.007	0.007	<0.005
chromium as Cr (mg/L)		<0.005	<0.005	<0.02	0.010	<0.005	<0.02	<0.005	<0.02
cyanide as CN (mg/L)		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.05	<0.02
lead as Pb (mg/L)		0.060	0.012	0.009	0.011	0.044	0.006	0.028	<0.005
manganese as Mn (mg/L)		0.50	0.47	0.92	1.5	1.6	1.4	4.3	2.2
zinc as Zn (mg/L)		0.02	0.02	0.03	0.04	0.02	0.06	0.03	0.17
cadmium as Cd (mg/L)		0.003	0.003	<0.001	<0.001	<0.001	0.006	<0.001	<0.001
pH		6.5			6.6			6.5	
specific cond. (umhos/cm)		2250			3500			1100	
total organic carbon (mg/L)				55			130		52
mercury as Hg (mg/L)				<0.0005			<0.0005		<0.0005
iron as Fe (mg/L)				3.0			1.5		3.0

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 11I 11/83	WELL 11I 1/85	WELL MW3 11/83	WELL MW3 1/85	WELL MW17 11/83	WELL MW17 1/85	**
phenol as phenol (mg/L)		0.24	0.054	0.12	0.06	0.53	0.24	0.26
arsenic as As (mg/L)		0.025	0.11	<0.002	<0.002	0.029	0.066	0.064
chromium as Cr (mg/L)		<0.005	<0.02	0.019	0.03	0.006	<0.02	<0.02
cyanide as CN (mg/L)		0.24	2.8	<0.02	<0.02	0.36	0.44	0.48
lead as Pb (mg/L)		0.052	0.016	0.044	0.008	0.080	<0.01	0.005
manganese as Mn (mg/L)		1.5	15	2.2	3.0	27.0	28	28
zinc as Zn (mg/L)		0.03	0.03	0.03	0.03	0.02	0.02	0.03
cadmium as Cd (mg/L)		0.003	<0.001	0.003	<0.001	0.002	0.004	<0.001
pH		6.6		5.9		7.1		
specific cond. (umhos/cm)		1850		2000		2500		
total organic carbon (mg/L)			95		150		87	60
mercury as Hg (mg/L)			<0.0005		<0.0005		<0.0005	<0.0005
iron as Fe (mg/L)			23		72		1.8	1.8

TABLE B-1. (CONTINUED/PAGE 35)

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 12I	WELL 13I	WELL 14I	WELL 15I	WELL 16I	WELL 17I
		1/85	1/85	1/85	1/85	1/85	1/85
total organic carbon (mg/L)		240	140	110	130	40	--
antimony as Sb (mg/L)		0.013	0.014	0.011	0.020	0.015	0.010
arsenic as As (mg/L)		0.009	0.005	0.028	<0.002	0.005	<0.002
beryllium as Be (mg/L)		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cadmium as Cd (mg/L)		0.002	0.003	0.001	<0.001	<0.001	<0.001
chromium as Cr (mg/L)		0.03	<0.02	<0.02	<0.02	<0.02	<0.02
copper as Cu (mg/L)		0.02	<0.02	<0.02	<0.02	<0.02	<0.02
lead as Pb (mg/L)		0.048	0.036	0.028	0.009	<0.005	<0.005
mercury as Hg (mg/L)		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
nickel as Ni (mg/L)		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
selenium as Se (mg/L)		<0.005	<0.002	<0.002	<0.002	<0.002	<0.002
silver as Ag (mg/L)		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
thallium as TL (mg/L)		<0.02	0.007	0.008	0.014	0.012	<0.005
zinc as Zn (mg/L)		0.10	0.04	0.08	0.88	0.18	0.06

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 18I	WELL 19I		WELL 20I	WELL 21I	WELL 22I	WELL 23I
		1/85	1/85	**	1/85	1/85	1/85	1/85
total organic carbon (mg/L)		420	110	95	350	460	210	67
antimony as Sb (mg/L)		0.020	0.048	0.056	0.016	0.016	0.08	0.014
arsenic as As (mg/L)		0.008	0.015	0.011	0.010	0.010	0.003	0.003
beryllium as Be (mg/L)		0.002	<0.001	0.001	0.002	0.001	0.001	<0.001
cadmium as Cd (mg/L)		0.008	0.003	<0.001	0.006	0.005	0.002	0.002
chromium as Cr (mg/L)		<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.02
copper as Cu (mg/L)		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
lead as Pb (mg/L)		0.026	0.008	0.013	0.024	<0.01	0.013	0.036
mercury as Hg (mg/L)		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
nickel as Ni (mg/L)		<0.10	<0.10	0.10	0.02	<0.10	<0.10	<0.10
selenium as Se (mg/L)		<0.002	<0.002	<0.002	<0.002	<0.005	<0.002	<0.002
silver as Ag (mg/L)		0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01
thallium as TL (mg/L)		0.04	<0.01	0.012	0.054	0.011	0.052	<0.005
zinc as Zn (mg/L)		0.06	0.04	0.04	0.03	0.13	0.05	0.03

TABLE B-1. (CONTINUED/PAGE 36)

OTHER CONSTITUENTS	SAMPLING DATE:	WELL 24I		WELL 25I	WELL 26I	
		1/85	**	1/85	1/85	**
total organic carbon (mg/L)		140	130	--	40	45
antimony as Sb (mg/L)		<0.005	<0.005	0.022	0.06	0.018
arsenic as As (mg/L)		<0.002	<0.002	0.005	0.010	<0.002
beryllium as Be (mg/L)		<0.001	<0.001	0.001	0.002	<0.001
cadmium as Cd (mg/L)		<0.001	<0.001	<0.001	<0.004	<0.001
chromium as Cr (mg/L)		<0.02	<0.02	<0.02	0.15	<0.02
copper as Cu (mg/L)		<0.02	<0.02	<0.02	0.14	<0.02
lead as Pb (mg/L)		<0.005	<0.005	0.007	0.14	<0.005
mercury as Hg (mg/L)		<0.0005	<0.0005	<0.0005	0.001	<0.0005
nickel as Ni (mg/L)		<0.10	<0.10	0.10	0.10	<0.10
selenium as Se (mg/L)		<0.002	<0.002	<0.002	<0.005	<0.002
silver as Ag (mg/L)		<0.01	<0.01	<0.01	<0.01	<0.01
thallium as TL (mg/L)		<0.005	<0.005	<0.005	<0.01	0.005
zinc as Zn (mg/L)		<0.02	<0.02	0.06	2.1	0.02

OTHER CONSTITUENTS	SAMPLING DATE:	FIELD BLANK 1	FIELD BLANK 2	FIELD BLANK 3	FIELD BLANK 4	FIELD BLANK 5
		1/85	1/85	1/85	1/85	1/85
phenol as phenol (mg/L)		<0.001	<0.002	<0.001	<0.001	<0.001
arsenic as As (mg/L)		<0.002	<0.002	<0.002	0.003	<0.002
chromium as Cr (mg/L)		<0.02	<0.02	<0.02	<0.02	<0.02
cyanide as CN (mg/L)		<0.02	<0.02	<0.02	<0.02	<0.02
lead as Pb (mg/L)		<0.005	0.008	<0.005	<0.005	<0.005
manganese as Mn (mg/L)		<0.02	<0.02	<0.02	0.02	<0.02
zinc as Zn (mg/L)		0.02	0.02	<0.02	<0.02	<0.02
cadmium as Cd (mg/L)		<0.001	<0.001	<0.001	<0.001	<0.001
total organic carbon (mg/L)		18	<10	<10	10	12
mercury as Hg (mg/L)		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
iron as Fe (mg/L)		<0.05	<0.05	<0.05	<0.05	<0.05

** - Indicates a replicate sampling.

TABLE B-1. (CONTINUED/PAGE 37)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	WELL 3S	WELL 12I	WELL 13I	WELL 17I	WELL 18I	WELL 21I
		1/85	1/85	1/85	1/85	1/85	1/85
furan, tetrahydro-tetramethyl		ND	ND	560	ND	ND	ND
benzene-1-chlor-2-methyl		ND	70	ND	ND	ND	ND
bicyclo-heptanone-trimethyl		ND	70	ND	ND	ND	ND
BASE/NEUTRAL EXTRACTABLE COMPOUNDS							
ethanol, 1-(2-butoxyethoxy)		ND	ND	ND	ND	ND	ND
benzene, (methyl sulfonyl)		ND	ND	ND	ND	50	ND
benzene, 1,1'-sulfonyl bis		ND	ND	ND	ND	190	ND
cyclohexane, 3,3,5-trimethyl		ND	ND	ND	ND	ND	1300
ethane, 1,2-bis(2 chloroethoxy)		ND	ND	ND	ND	ND	3300
alkane		ND	ND	ND	ND	ND	190
sulfur		ND	ND	ND	ND	ND	ND
methanone, diphenyl		ND	ND	ND	ND	ND	ND
benzene, 1,1'-methylene bis		ND	ND	ND	ND	ND	ND
benzene, 1-(1,1-dimethylethyl)		ND	ND	15000	ND	ND	ND
benzene, acetonitrile		ND	ND	3200	ND	ND	ND
benzene, 1,1'-(oxy bis(methylene))		ND	ND	1900	ND	ND	ND
ACID EXTRACTABLE COMPOUNDS							
benzoic acid, 4(-1,1-dimethylethyl)		35	ND	ND	170	ND	ND
phenol, 4-(1,1-dimethylethyl)		ND	ND	ND	ND	ND	4800
benzoic acid, 4-chloro		ND	ND	ND	ND	ND	230
phenol, 2,4-bis(1-methylethyl)		ND	ND	ND	ND	ND	ND
phenol, 2,6-bis(1,1-dimethylethyl)		ND	ND	ND	ND	ND	ND
benzene, acetic acid		ND	ND	490	ND	ND	ND
benzoic acid, 3-methyl		ND	ND	430	ND	ND	ND

TABLE B-1. (CONTINUED/PAGE 38)

	WELL 22I	WELL 24I		WELL 25I
VOLATILE ORGANIC COMPOUNDS / SAMPLING DATE:	1/85	1/85	**	1/85
furan, tetrahydro-tetramethyl	ND	ND	ND	ND
benzene-1-chlor-2-methyl	ND	ND	ND	ND
bicyclo-heptanone-trimethyl	ND	ND	ND	ND
BASE/NEUTRAL EXTRACTABLE COMPOUNDS				
ethanol, 1-(2-butoxyethoxy)	ND	ND	ND	ND
benzene, (methyl sulfonyl)	ND	ND	ND	ND
benzene, 1,1'-sulfonyl bis	210	ND	ND	350
cyclohexane, 3,3,5-trimethyl	ND	ND	ND	ND
ethane, 1,2-bis(2 chloroethoxy)	ND	ND	ND	ND
alkane	ND	ND	ND	ND
sulfur	45	2400	840	60
methanone, diphenyl	200	ND	ND	ND
benzene, 1,1'-methylene bis	390	ND	ND	ND
benzene, 1-(1,1-dimethylethyl)	ND	2100	990	ND
benzene, acetonitrile	ND	ND	ND	ND
benzene, 1,1'-(oxy bis(methylene))	ND	ND	ND	ND
ACID EXTRACTABLE COMPOUNDS				
benzoic acid, 4(-1,1-dimethylethyl)	100	ND	ND	ND
phenol, 4-(1,1-dimethylethyl)	ND	760	ND	ND
benzoic acid, 4-chloro	ND	ND	ND	ND
phenol, 2,4-bis(1-methylethyl)	ND	ND	130	ND
phenol, 2,6-bis(1,1-dimethylethyl)	ND	ND	840	ND
benzene, acetic acid	ND	ND	ND	ND
benzoic acid, 3-methyl	ND	ND	ND	ND

** - Indicates a replicate sampling.

Table 11. Volatile Organics in Ground-Water Samples, Wells 27I-31I, UOP Site, E. Eutherford, NJ.

Well Number:	27I	28I	29I	Replicate‡ 29I	30I	31I	Field Blank	Trip Blank
Date Sampled:	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/1/86
[units: ug/L (ppb)]								
chloromethane	<100	<10	<10	<10	<10	<10	<10	<10
bromomethane	<100	<10	<10	<10	<10	<10	<10	<10
vinyl chloride	320	<10	<10	<10	<10	<10	<10	<10
chloroethane	<100	<10	<10	<10	<10	<10	<10	<10
methylene chloride	<50	1.8JB	7.0B	3.9B	8.1B	2.6B	28B	7.0B
acetone	170	30	16	24	<10	<10	<10	<10
carbon disulfide	<50	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethene	23J	<5	<5	<5	<5	<5	<5	<5
1,1-dichloroethane	<50	<5	<5	<5	<5	<5	<5	<5
trans-1,2-dichloroethene	6300D	<5	4.2J	3.9J	<5	<5	<5	<5
chloroform	<50	<5	<5	<5	<5	<5	<5	<5
1,2-dichloroethane	480	1.7J	1.7B	.85B	<5	<5	<5	<5
2-butanone	<100	<10	<10	<10	<10	<10	<10	<10
1,1,1-trichloroethane	<50	<5	<5	<5	<5	<5	<5	<5
carbon tetrachloride	<150	<5	<5	<5	<5	<5	<5	<5
vinyl acetate	<100	<10	<10	<10	<10	<10	<10	<10
bromodichloromethane	<50	<5	<5	<5	<5	<5	<5	<5
1,2-dichloropropane	<50	<5	<5	<5	<5	<5	<5	<5
trans-1,3-dichloropropene	<50	<5	<5	<5	<5	<5	<5	<5
trichloroethene	21000D	9.3	<5	<5	<5	<5	<5	<5
dibromochloromethane	<50	<5	<5	<5	<5	<5	<5	<5
1,1,2-trichloroethane	27J	<5	<5	<5	<5	<5	<5	<5
benzene	2100	<5	1.2J	3.2J	<5	<5	<5	<5
cis-1,3-dichloropropene	<50	<5	<5	<5	<5	<5	<5	<5
2-chloroethylvinylether	<100	<10	<10	<10	<10	<10	<10	<10
bromoform	<50	<5	<5	<5	<5	<5	<5	<5
4-methyl-2-pentanone	370	<10	<10	<10	<10	<10	<10	<10
2-hexanone	<100	<10	<10	<10	<10	<10	<10	<10
tetrachloroethene	750	<5	<5	<5	<5	<5	<5	<5
1,1,2,2-tetrachloroethane	1600	<5	<5	2.0J	<5	<5	<5	<5
toluene	14000D	3.0J	.72J	1.9B	<5	<5	<5	<5
chlorobenzene	1300	1200D	<5	<5	<5	<5	<5	<5
ethylbenzene	2800	100	<5	<5	<5	<5	<5	<5
styrene	<50	<5	<5	<5	<5	<5	<5	<5
total xylenes	15000D	31	<5	<5	<5	<5	<5	<5

‡ - Replicate for Well 29I was laboratory blind and therfore coded in the field as 40I. The laboratory report reflects this coding.

Table 12. Base/Neutral and Acid Extractable Organic Compounds in Ground-Water Samples Collected from Wells 27I to 31I, December 1986, UOP Site, East Rutherford, New Jersey.

Data Reporting Qualifiers

< Indicates compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

B - This flag indicates the compound was found in the blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

J - This flag indicates an estimated value. It is used either when estimating a concentration for tentatively indentified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero (e.g., 10J). If limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, report as 3J.

Laboratory: ERCO, Division of ENSECO, 205 Alewife Brook Parkway, Cambridge, Massachusetts 02138.

Table 12. Base/Neutral & Acid Extractable Compounds in Ground-Water Samples, Wells 27I-31I, UOP Site, E. Rutherford, NJ.

Well Number:	27I	28I	29I	29I*	30I	31I	Field Blank
Date Sampled:	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86
[units: ug/L (ppb)]							
phenol	<80	<40	<20	<40	<20	<20	<100
bis-(2-chloroethyl)ether	<80	<40	<20	<40	<20	<20	<100
2-chlorophenol	<80	<40	<20	<40	<20	<20	<100
1,3-dichlorobenzene	100	15J	<20	<40	<20	<20	<100
1,4-dichlorobenzene	470	51	<20	<40	<20	<20	<100
benzyl alcohol	<80	120	<20	<40	<20	<20	<100
1,2-dichlorobenzene	2500	5.2J	<20	<40	<20	<20	<100
2-methylphenol	<80	<40	<20	<40	<20	<20	<100
bis(2-chloroisopropyl)ether	<80	<40	<20	<40	<20	<20	<100
4-methylphenol	<80	<40	<20	<40	<20	<20	<100
n-nitroso-di-n-propylamine	<80	<40	<20	<40	<20	<20	<100
hexachloroethane	<80	<40	<20	<40	<20	<20	<100
nitrobenzene	<80	<40	<20	<40	<20	<20	<100
isophorone	<80	<40	<20	<40	<20	<20	<100
2-nitrophenol	<80	<40	<20	<40	<20	<20	<100
2,4-dimethylphenol	<80	<40	<20	<40	<20	<20	<100
benzoic acid	8700	<40	<20	<40	2.8J	<20	<100
bis(2-chloroethoxy)methane	<80	<40	<20	<40	<20	<20	<100
2,4-dichlorophenol	<80	<40	<20	<40	<20	<20	<100
1,2,4-trichlorobenzene	460	<40	<20	<40	<20	<20	<100
naphthalene	720	170	<20	70	2.0J	<20	<100
4-chloroaniline	<80	<40	<20	<40	<20	<20	<100
hexachlorobutadiene	<80	<40	<20	<40	<20	<20	<100
4-chloro-3-methylphenol	<80	<40	<20	<40	<20	<20	<100
2-methylnaphthalene	440	<40	<20	33J	<20	<20	<100
hexachlorocyclopentadiene	<80	<40	<20	<40	<20	<20	<100
2,4,6-trichlorophenol	<80	<40	<20	<40	<20	<20	<100
2,4,5-trichlorophenol	<80	<40	<20	<40	<20	<20	<100
2-chloronaphthalene	<80	<40	<20	<40	<20	<20	<100
2-nitroaniline	<80	<40	<20	<40	<20	<20	<100
dimethyl phthalate	<80	<40	<20	<40	<20	<20	<100
acenapthylene	<80	<40	<20	<40	<20	<20	<100
3-nitroaniline	<80	<40	<20	<40	<20	<20	<100
acenaphthene	<80	<40	<20	22J	<20	<20	<100
2,4-dinitrophenol	<80	<40	<20	<40	<20	<20	<100
4-nitrophenol	<80	<40	<20	<40	<20	<20	<100
dibenzofuran	<80	<40	<20	17J	<20	<20	<100
2,4-dinitrotoluene	<80	<40	<20	<40	<20	<20	<100
2,6-dinitrotoluene	<80	<40	<20	<40	<20	<20	<100
diethylphthalate	210	4.8J	<20	<40	<20	<20	<100
4-chlorophenyl-phenylether	<80	<40	<20	<40	<20	<20	<100
fluorene	<80	<40	<20	18J	<20	<20	<100
4-nitroaniline	<80	<40	<20	<40	<20	<20	<100
4,6-dinitro-2-methylphenol	<80	<40	<20	<40	<20	<20	<100
n-nitrosodiphenylamine(1)	11B	6.0B	2.2B	14B	3.4B	5.0B	13B
4-bromophenyl-phenylether	<80	<40	<20	<40	<20	<20	<100
hexachlorobenzene	23J	<40	<20	<40	<20	<20	<100
pentachlorophenol	<80	<40	<20	<40	6.6J	<20	<100
phenanthrene	<80	<40	<20	22J	<20	<20	<100
anthracene	<80	<40	<20	4.4J	<20	<20	<100

Table 12. Base/Neutral & Acid Extractable Compounds in Ground-Water Samples, Wells 27I-31I, UOP Site, E. Rutherford, NJ.

Well Number:	27I	28I	29I	29I*	30I	31I	Field Blank
Date Sampled:	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86
[units: ug/L (ppb)]							
di-n-butylphthalate	<80	<40	<20	<40	<20	<20	<100
fluoranthene	14J	<40	<20	6.0J	<20	<20	<100
pyrene	<80	<40	<20	6.0J	<20	<20	<100
butylbenzylphthalate	<80	<40	<20	<40	<20	<20	<100
3,3-dichlorobenzidine	<80	<40	<20	<40	<20	<20	<100
benzo(a)anthracene	<80	<40	<20	<40	<20	<20	<100
bis(2-ethylhexyl)phthalate	200	53	5.2J	22J	7.6J	16J	<100
chrysene	<80	<40	<20	<40	<20	<20	<100
di-n-octyl phthalate	<80	<40	<20	<40	<20	<20	<100
benzo(b)fluoroanthene	<80	<40	<20	<40	<20	<20	<100
benzo(k)fluoranthene	<80	<40	<20	<40	<20	<20	<100
benzo(a)pyrene	<80	<40	<20	<40	<20	<20	<100
indeno(1,2,3-c,d)pyrene	<80	<40	<20	<40	<20	<20	<100
dibenzo (a,h)anthracene	<80	<40	<20	<40	<20	<20	<100
benzo(g,h,i)perylene	<80	<40	<20	<40	<20	<20	<100

* - Replicate for Well 29I was laboratory blind and therfore coded in the field as 40I. The laboratory report reflects this coding.

Table 13. Pesticides and PCBs in Ground-Water Samples Collected from Wells 27I to 31I, December 1986, UOP Site, East Rutherford, New Jersey.

Data Reporting Qualifiers

< Indicates compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Laboratory: ERCO, Division of ENSECO, 205 Alewife Brook Parkway, Cambridge, Massachusetts 02138.

Table 13. Pesticides & PCBs in Ground-Water Samples, Wells 27I-31I, UOP Site, E. Rutherford, NJ.

Well Number:	27I	28I	29I	Replicate‡ 29I	30I	31I	Field Blank
Date Sampled:	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86
[units: ug/L (ppb)]							
Alpha-BHC	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Beta-BHC	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Delta-BHC	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Gamma-BHC (Lindane)	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aldrin	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor Epoxide	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan I	<0.50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
4,4'-DDE	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Endrin	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan II	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
4,4'-DDD	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Endosulfan Sulfate	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
4,4'-DDT	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Methoxychlor	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Endrin Ketone	<10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlordane	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Toxaphene	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Aroclor-1016	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Aroclor-1221	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Aroclor-1232	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Aroclor-1242	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Aroclor-1248	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Aroclor-1254	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Aroclor-1260	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

‡ - Replicate for Well 29I was laboratory blind and therfore coded in the field as 40I. The laboratory report reflects this coding.

Table 14. Metals and Cyanide in Ground-Water Samples Collected from Wells 27I to 31I, December 1986, UOP Site, East Rutherford, New Jersey.

Data Reporting Qualifiers

< Indicates compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

[] Indicates the result is a value greater than or equal to the instrument detection limit but less than the contract required detection limit.

Laboratory: ERCO, Division of ENSECO, 205 Alewife Brook Parkway, Cambridge, Massachusetts 02138.

Table 14. Metals & Cyanide in Ground-Water Samples, Wells 27I-31I, UOP Site, E. Rutherford, NJ.

Well Number:	27I	28I	29I	Replicate‡ 29I	30I	31I	Field Blank
Date Sampled:	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86	12/2/86
[units: ug/L (ppb)]							
Arsenic	60	<10	<10	<10	<10	<10	<10
Cadmium	<5	<5	<5	<5	<5	<5	<5
Chromium	<5	<5	[7.0]	<5	<5	<5	<5
Cyanide	12	<10	20	20	<10	13	<10
Lead	<50	<5	<5	<5	<5	7.2	6.1
Manganese	<4	1160	2960	2870	387	653	<4
Mercury	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Zinc	38	[11]	[14]	[3.8]	67	45	38

‡ - Replicate for Well 29I was laboratory blind and therfore coded in the field as 40I. The laboratory report reflects this coding.

Surface Water Quality Data

TECHNICAL AND REGULATORY REVIEW
UNIVERSAL OIL PRODUCTS
EAST RUTHERFORD, NEW JERSEY

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Waste Programs Enforcement
Washington, D.C. 20460

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Date Prepared	:	
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TABLE B-2. SUMMARY OF SURFACE WATER QUALITY DATA FOR UOP INC.'S PLANT IN EAST RUTHERFORD, NEW JERSEY

CHEMICAL CONCENTRATIONS (reported in micrograms/liter, except where noted)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	ST-1 11/83	ST-1 1/85	ST-2 11/83	ST-3 11/83	**	ST-3 1/85	ST-4 11/83
acrolein		<100	<100	<100	<100	<100	<200	<100
acrylonitrile		<100	<100	<100	<100	<100	<200	<100
benzene		<5	4.7	<5	<5	<5	8.3	<5
carbon tetrachloride		<5	<5	<5	<5	<5	<10	<5
chlorobenzene		<5	6.6	<5	<5	<5	21	<5
1,2-dichloroethane		<5	<5	<5	<5	<5	<10	<5
1,1,1-trichloroethane		<5	3.1	<5	<5	<5	7.6	<5
1,1-dichloroethane		<5	4.8	<5	<5	<5	15	<5
1,1,2-trichloroethane		<5	<5	<5	<5	<5	<10	<5
1,1,2,2-tetrachloroethane		<10	<10	<10	<10	<10	19	<10
chloroethane		<10	<10	<10	<10	<10	<20	<10
2-chloroethyl vinyl ether		<10	<10	<10	<10	<10	<20	<10
chloroform		<5	12	<5	<5	<5	<10	<5
1,1-dichloroethylene		<5	<5	<5	<5	<5	<10	<5
1,2-trans-dichloroethylene		<5	91	<5	<5	<5	200	<5
1,2-dichloropropane		<10	9.4	<10	<10	<10	<20	<10
1,3-dichloropropylene		<5	<5	<5	<5	<5	<10	<5
ethylbenzene		<5	<5	<5	<5	<5	<10	<5
methylene chloride		<5	<5	<5	<5	<5	<10	<5
methyl chloride		<10	<10	<10	<10	<10	<20	<10
methyl bromide		<10	<10	<10	<10	<10	<20	<10
bromoform		<10	<10	<10	<10	<10	<20	<10
dichlorobromomethane		<5	<5	<5	<5	<5	<10	<5
trichlorofluoromethane		<10	<10	<10	<10	<10	<20	<10
dichlorodifluorometnane		<10	<10	<10	<10	<10	<20	<10
chlorodibromomethane		<5	<5	<5	<5	<5	<10	<5
tetrachloroethylene		<5	<5	<5	<5	<5	<10	<5
toluene		<5	4.1	<5	<5	<5	53	<5
trichloroethylene		<5	79	<5	<5	<5	230	<5
vinyl chloride		<10	16	<10	<10	<10	<20	<10
acetone		<5	30	<5	<5	<5	2074	<5
2-butanone		<5	<5	<5	<5	<5	7.5	<5
carbon disulfide		<5	<5	<5	<5	<5	<10	<5
2-hexanone		<5	<5	<5	<5	<5	<10	<5
4-methyl-2-pentanone		<5	<5	<5	<5	<5	<10	<5
stryene		<5	<5	<5	<5	<5	<10	<5
vinyl acetate		<5	<5	<5	<5	<5	<10	<5
total xylenes		<5	<5	<5	<5	<5	<10	<5

** - Indicates a blind replicate sample.

TABLE B-2. (CONTINUED/PAGE 2)

VOLATILE ORGANIC COMPOUNDS	SAMPLING DATE:	ST-5	ST-6	ST-6	ST-7		ST-8
		11/83	11/83	1/85	1/85	**	1/85
acrolein		<100	<100	<100	<100	<100	<100
acrylonitrile		<100	<100	<100	<100	<100	<100
benzene		<5	<5	<5	<5	<5	<5
carbon tetrachloride		<5	<5	<5	<5	<5	<5
chlorobenzene		<5	<5	<5	<5	<5	<5
1,2-dichloroethane		<5	<5	<5	<5	<5	<5
1,1,1-trichloroethane		<5	<5	4.1	3.7	4.4	<5
1,1-dichloroethane		<5	<5	<5	<5	<5	<5
1,1,2-trichloroethane		<5	<5	<5	<5	<5	<5
1,1,2,2-tetrachloroethane		<10	<10	<10	2.8	3.5	<10
chloroethane		<10	<10	<10	<10	<10	<10
2-chloroethyl vinyl ether		<10	<10	<10	<10	<10	<10
chloroform		<5	<5	<5	<5	<5	<5
1,1-dichloroethylene		<5	<5	<5	<5	<5	<5
1,2-trans-dichloroethylene		<5	<5	4.5	19	23	<5
1,2-dichloropropane		<10	<10	<10	<10	<10	<10
1,3-dichloropropylene		<5	<5	<5	<5	<5	<5
ethylbenzene		<5	<5	<5	<5	<5	<5
methylene chloride		<5	470	16	19	17	18
methyl chloride		<10	<10	<10	<10	<10	<10
methyl bromide		<10	<10	<10	<10	<10	<10
bromoform		<10	<10	<10	<10	<10	<10
dichlorobromomethane		<5	<5	<5	<5	<5	<5
trichlorofluoromethane		<10	<10	<10	<10	<10	<10
dichlorodifluorometnane		<10	<10	<10	<10	<10	<10
chlorodibromomethane		<5	<5	<5	<5	<5	<5
tetrachloroethylene		<5	<5	<5	<5	<5	<5
toluene		<5	<5	<5	<5	<5	<5
trichloroethylene		<5	<5	3.8	19	22	<5
vinyl chloride		<10	<10	<10	<10	<10	<10
acetone		<5	<5	<5	<5	<5	<5
2-butanone		<5	<5	<5	<5	<5	<5
carbon disulfide		<5	<5	<5	<5	<5	<5
2-hexanone		<5	<5	<5	<5	<5	<5
4-methyl-2-pentanone		<5	<5	<5	<5	<5	<5
stryene		<5	<5	<5	<5	<5	<5
vinyl acetate		<5	<5	<5	<5	<5	<5
total xylenes		<5	<5	<5	<5	<5	<5

** - Indicates a blind replicate sample.

TABLE B-2. (CONTINUED/PAGE 3)

BASE/NEUTRAL COMPOUNDS	SAMPLING DATE:	ST-1 11/83	ST-1 1/85	ST-2 11/83	ST-3 11/83	**	ST-3 1/85	ST-4 11/83
acenapthene		<10	<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10	<10	<10
2-chloronapthalene		<10	<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		8.0	36	<10	<10	<10	190	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10	4.1	<10
3,3'-dichlorobenzidine		<20	<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20	<20
1,2-diphenylhyrazine (as azobenzene)		<20	<20	<20	<20	<20	45	<20
fluoranthene		<10	<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10	<10
bis (2-chloroisopropyl) ether		<20	<20	<20	<20	<20	<20	<20
bis (2-chloroethoxy) methane		<20	<20	<20	<20	<20	<20	<20
hexachlorobutadine		<10	<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	<10	<10
nitrobenzene		<10	<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10	<10
bis (2-ethylhexyl) phthalate		8.0	6.2	<10	<10	<10	<10	<10
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	<10	<10	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10	<10
benzo(ghi) perylene		<20	<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10	<10

** - Indicates a blind replicate sample.

TABLE B-2. (CONTINUED/PAGE 4)

BASE/NEUTRAL COMPOUNDS	SAMPLING DATE:	ST-5 11/83	ST-6 11/83	ST-6 1/85	ST-7 1/85	**	ST-8 1/85
acenapthene		<10	<10	<10	<10	<10	<10
benzidine		<40	<40	<40	<40	<40	<40
1,2,4-trichlorobenzene		<10	<10	<10	<10	<10	<10
hexachlorobenzene		<10	<10	<10	<10	<10	<10
hexachloroethane		<10	<10	<10	<10	<10	<10
bis(2-chloroethyl)ether		<10	<10	<10	<10	<10	<10
2-chloronapthalene		<10	<10	<10	<10	<10	<10
1,2-dichlorobenzene		<10	<10	<10	2.1	<10	<10
1,3-dichlorobenzene		<10	<10	<10	<10	<10	<10
1,4-dichlorobenzene		<10	<10	<10	<10	<10	<10
3,3'-dichlorobenzidine		<20	<20	<20	<20	<20	<20
2,4-dinitrotoluene		<20	<20	<20	<20	<20	<20
2,6-dinitrotoluene		<20	<20	<20	<20	<20	<20
1,2-diphenylhyrazine (as azobenzene)		<20	<20	<20	<20	<20	<20
fluoranthene		<10	<10	<10	<10	<10	<10
4-chlorophenyl phenyl ether		<10	<10	<10	<10	<10	<10
4-bromophenyl phenyl ether		<10	<10	<10	<10	<10	<10
bis (2-chloroisopropyl) ether		<20	<20	<20	<20	<20	<20
bis (2-chloroethoxy) methane		<20	<20	<20	<20	<20	<20
hexachlorobutadine		<10	<10	<10	<10	<10	<10
hexachlorocyclopentadiene		<10	<10	<10	<10	<10	<10
isophorone		<10	<10	<10	<10	<10	<10
naphthalene		<10	<10	<10	<10	<10	<10
nitrobenzene		<10	<10	<10	<10	<10	<10
N-nitrosodiphenylamine		<10	<10	<10	<10	<10	<10
N-nitrosodi-n-propylamine		<10	<10	<10	<10	<10	<10
bis (2-ethylhexyl) phthalate		<10	<10	<10	<10	<10	5.7
butyl benzyl phthalate		<10	<10	<10	<10	<10	<10
di-n-butyl phthalate		<10	<10	<10	<10	<10	<10
di-n-octyl phthalate		<10	<10	<10	<10	<10	<10
diethyl phthalate		<10	<10	<10	<10	<10	<10
dimethyl phthalate		<10	<10	<10	<10	<10	<10
benzo(a)anthracene		<10	<10	<10	<10	<10	<10
benzo(a)pyrene		<20	<20	<20	<20	<20	<20
3,4-benzofluoranthene		<20	<20	<20	<20	<20	<20
benzo(k)fluoranthene		<20	<20	<20	<20	<20	<20
chrysene		<20	<20	<20	<20	<20	<20
acenaphthylene		<10	<10	<10	<10	<10	<10
anthracene		<10	<10	<10	<10	<10	<10
benzo(ghi) perylene		<20	<20	<20	<20	<20	<20
fluorene		<10	<10	<10	<10	<10	<10
phenanthrene		<10	<10	<10	<10	<10	<10
dibenzo(a,h)anthracene		<20	<20	<20	<20	<20	<20
indeno(1,2,3-cd)pyrene		<20	<20	<20	<20	<20	<20
pyrene		<10	<10	<10	<10	<10	<10

** - Indicates a blind replicate sample.

TABLE B-2. (CONTINUED/PAGE 5)

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	ST-1	ST-1	ST-2	ST-3	**	ST-3	ST-4
		11/83	1/85	11/83	11/83		1/85	11/83
2,4,6-trichlorophenol		<10	NR	<10	<10	<10	NR	<10
p-chloro-m-cresol		<10	NR	<10	<10	<10	NR	<10
2-chlorophenol		<10	NR	<10	<10	<10	NR	<10
2,4-dichlorophenol		<10	NR	<10	<10	<10	NR	<10
2,4-dimethylphenol		<10	NR	<10	<10	<10	NR	<10
2-nitrophenol		<20	NR	<20	<20	<20	NR	<20
4-nitrophenol		<50	NR	<50	<50	<50	NR	<50
2,4-dinitrophenol		<50	NR	<50	<50	<50	NR	<50
2,6-dinitro-o-cresol		<20	NR	<20	<20	<20	NR	<20
pentachlorophenol		<10	NR	<10	<10	<10	NR	<10
phenol		<10	NR	<10	<10	<10	NR	<10

ACID EXTRACTABLE COMPOUNDS	SAMPLING DATE:	ST-5	ST-6	ST-6	ST-7	**	ST-8
		11/83	11/83	1/85	1/85		1/85
2,4,6-trichlorophenol		<10	<10	<10	NR	NR	NR
p-chloro-m-cresol		<10	<10	<10	NR	NR	NR
2-chlorophenol		<10	<10	<10	NR	NR	NR
2,4-dichlorophenol		<10	<10	<10	NR	NR	NR
2,4-dimethylphenol		<10	<10	<10	NR	NR	NR
2-nitrophenol		<20	<20	<20	NR	NR	NR
4-nitrophenol		<50	<50	<50	NR	NR	NR
2,4-dinitrophenol		<50	<50	<50	NR	NR	NR
2,6-dinitro-o-cresol		<20	<20	<20	NR	NR	NR
pentachlorophenol		<10	<10	<10	NR	NR	NR
phenol		<10	<10	<10			

** - Indicates a blind replicate sample.

TABLE B-2. (CONTINUED/PAGE 6)

NON-PRIORITY POLLUTANT HAZARDOUS COMPOUNDS	SAMPLING DATE:	ST-1	ST-2	ST-3		ST-4	ST-5	ST-6
		11/83	11/83	11/83	**	11/83	11/83	11/83
benzoic acid		<100	<100	<100	<100	<100	<100	<100
2-methylphenol		<5	<5	<5	<5	<5	<5	<5
4-methylphenol		<5	<5	<5	<5	<5	<5	<5
2,4,5-trichlorophenol		<100	<100	<100	<100	<100	<100	<100
aniline		<5	<5	<5	<5	<5	<5	<5
benzyl alcohol		<20	<20	<20	<20	<20	<20	<20
4-chloroaniline		<50	<50	<50	<50	<50	<50	<50
dibenzofuran		<10	<10	<10	<10	<10	<10	<10
2-methylnapthalene		<20	<20	<20	<20	<20	<20	<20
2-nitroaniline		<100	<100	<100	<100	<100	<100	<100
3-nitroaniline		<100	<100	<100	<100	<100	<100	<100
4-nitroaniline		<100	<100	<100	<100	<100	<100	<100

PRIORITY POLLUTANT PESTICIDES	SAMPLING DATE:	ST-1	ST-3	ST-6	ST-7		ST-8
		1/85	1/85	1/85	1/85	**	1/85
aldrin		<10	<10	<10	<10	<10	<10
B-BHC		<10	<10	<10	<10	<10	<10
D-BHC		<10	<10	<10	<10	<10	<10
chlordane		<100	<100	<100	<100	<100	<100
4,4'-DDD		<10	<10	<10	<10	<10	<10
4,4'-DDE		<10	<10	<10	<10	<10	<10
4,4'-DDT		<10	<10	<10	<10	<10	<10
dieldrin		<10	<10	<10	<10	<10	<10
endosulfan sulfate		<20	<20	<20	<20	<20	<20
endrin aldehyde		<20	<20	<20	<20	<20	<20
heptachlor		<10	<10	<10	<10	<10	<10
heptachlor epoxide		<10	<10	<10	<10	<10	<10
PCB		<50	<50	<50	<50	<50	<50
toxaphene		<500	<500	<500	<500	<500	<500

** - Indicates a blind replicate sample.

TABLE B-2. (CONTINUED/PAGE 7)

OTHER CONSTITUENTS	SAMPLING DATE:	ST-1	ST-1	ST-2	ST-3		ST-3	ST-4
		11/83	1/85	11/83	11/83	**	1/85	11/83
mercury as Hg (mg/L)		NA	<0.0005	NA	NA	NA	<0.0005	NA
iron as Fe (mg/L)		NA	0.72	NA	NA	NA	<0.05	NA
manganese as Mn (mg/L)		0.45	1.3	0.037	0.46	0.46	3.1	0.34
lead as Pb (mg/L)		0.12	0.024	0.090	0.096	0.07	0.048	0.080
chromium as Cr (mg/L)		<0.005	<0.02	0.005	<0.005	<0.005	<0.02	0.012
cadmium as Cd (mg/L)		0.004	0.001	0.008	0.004	0.003	0.002	0.002
cyanide as CN (mg/L)		<0.02	<0.02	<0.02	<0.02	0.02	0.03	<0.02
arsenic as As (mg/L)		<0.002	0.012	<0.002	<0.002	0.002	<0.002	<0.002
zinc as Zn (mg/L)		0.07	0.10	0.08	0.07	0.07	0.04	0.06
phenol as phenol (mg/L)		0.025	0.2	0.021	0.019	0.016	2.2	0.02
total organic carbon (mg/L)		NA	40	NA	NA	NA	48	NA
pH		5.7	NA	6.00	5.9	5.9	NA	6.00
specific cond. (umhos/cm)		3750	NA	4000	3800	4000	NA	5000

OTHER CONSTITUENTS	SAMPLING DATE:	ST-5	ST-6	ST-6	ST-7		ST-8
		11/83	11/83	1/85	1/85	**	1/85
mercury as Hg (mg/L)		NA	NA	<0.0005	<0.0005	<0.0005	<0.0005
iron as Fe (mg/L)		NA	NA	<0.05	0.15	0.14	0.09
manganese as Mn (mg/L)		0.24	0.24	0.90	2.8	2.8	0.52
lead as Pb (mg/L)		0.09	0.07	0.012	<0.005	0.015	0.018
chromium as Cr (mg/L)		<0.005	<0.005	<0.02	<0.02	<0.02	<0.02
cadmium as Cd (mg/L)		0.014	0.008	<0.001	<0.001	<0.001	<0.001
cyanide as CN (mg/L)		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
arsenic as As (mg/L)		<0.002	0.002	<0.002	<0.002	<0.002	<0.002
zinc as Zn (mg/L)		0.05	0.05	0.09	0.11	0.12	0.07
phenol as phenol (mg/L)		0.012	0.013	0.004	0.016	0.012	0.006
total organic carbon (mg/L)		NA	NA	61	30	25	50
pH		5.9	NA	NA	NA	NA	NA
specific cond. (umhos/cm)		4750	NA	NA	NA	NA	NA

** - Indicates a blind replicate sample.
NA - Not Analyzed