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APPENDIX B-2

SUMMARY TABLES FOR HISTORICAL ANALYTICAL RESULTS

MONITORING WELL MW-3A

Historical Analytical Results
MW-3A
Tank 53 - Tank Farm 5
NETC Newport
Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	12/17/96	3/25/97	8/12/97
Acetone	-	-	10 U	10 U	17 U
Benzene	5	5	5 U	5 U	5 U
Bromochloromethane	-	-	5 U	5 U	NA
Bromodichloromethane	100	-	5 U	5 U	5 U
Bromoform	100	-	5 U	5 U	5 UJ
Bromomethane	-	-	10 U	10 U	5 U
Butanone(2-)	-	-	10 U	10 U	10 UR
Carbon Disulfide	-	-	5 U	5 U	5 U
Carbon Tetrachloride	5	5	5 U	5 U	5 U
Chlorobenzene	-	100	5 U	5 U	5 U
Chloroethane	-	-	10 U	10 U	5 U
Chloroform	100	-	5 U	5 U	5 U
Chloromethane	-	-	10 U	10 U	5 U
Dibromo-3-chloropropane(1,2-)	0.2	0.2	5 U	5 U	NA
Dibromochloromethane	-	-	5 U	5 U	5 U
Dibromoethane(1,2-)	-	-	5 U	5 U	NA
Dichloroethane(1,1-)	-	-	5 U	5 U	5 U
Dichloroethane(1,2-)	5	5	5 U	5 U	5 U
Dichloroethene(1,1-)	7	7	5 U	5 U	5 U
Dichloroethene(1-2-) (Total)	-	-	NA	NA	NA
Dichloroethene(cis-1,2-)	70	70	5 U	5 U	5 U
Dichloroethene(trans-1,2-)	100	100	5 U	5 U	5 U
Dichloropropane(1,2-)	5	5	5 U	5 U	5 U
Dichloropropene(cis-1,3-)	-	-	5 U	5 U	5 U
Dichloropropene(trans-1,3-)	-	-	5 U	5 U	5 U
Ethylbenzene	700	700	5 U	5 U	5 U
Hexanone(2-)	-	-	10 U	10 U	10 U
Methyl-2-pentanone(4-)	-	-	10 U	10 U	10 UJ
Methylene Chloride	-	-	5 U	5 U	13 U
Styrene	100	100	5 U	5 U	5 U
Tetrachloroethane(1,1,2,2-)	-	-	5 U	5 U	5 U
Tetrachloroethene	5	5	5 U	5 U	5 U
Toluene	1000	1000	5 U	5 U	5 U
Total Xylenes	10,000	10,000	5 U	5 U	5 U
Trichloroethane(1,1,1-)	200	200	5 U	5 U	5 U
Trichloroethane(1,1,2-)	5	5	5 U	5 U	5 U
Trichloroethene	5	5	5 U	5 U	5 U
Vinyl Chloride	2	2	10 U	10 U	2 U
Vinylacetate	-	-		10 U	NA

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-3A
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	12/17/96	3/25/97	8/12/97
1,2,4-Trichlorobenzene	70	70	10 U	10 UJ	5 U
1,2-Dichlorobenzene	600	600	10 U	10 U	5 U
1,3-Dichlorobenzene	--	600	10 U	10 U	5 U
1,4-Dichlorobenzene	75	75	10 U	10 U	5 U
2,2'-Oxybis(1-chloropropane)	--	--	NA	NA	5 U
2,4,5-Trichlorophenol	--	--	50 U	50 U	10 U
2,4,6-Trichlorophenol	--	--	10 U	10 U	5 U
2,4-Dichlorophenol	--	--	10 U	10 U	5 U
2,4-Dimethylphenol	--	--	10 U	10 U	5 U
2,4-Dinitrophenol	--	--	50 U	50 U	10 U
2,4-Dinitrotoluene	--	--	10 U	10 U	5 U
2,6-Dinitrotoluene	--	--	10 U	10 U	5 U
2-Chloronaphthalene	--	--	10 U	10 UJ	5 U
2-Chlorophenol	--	--	10 U	10 U	5 U
2-Methylnaphthalene	--	--	10 U	10 U	5 U
2-Methylphenol	--	--	10 U	10 U	5 U
2-Nitroaniline	--	--	50 U	50 U	10 U
2-Nitrophenol	--	--	10 U	10 U	5 U
3,3-Dichlorobenzidine	--	--	20 U	20 U	5 U
3-Methylphenol	--	--	10 UJ	10 UJ	NA
3-Nitroaniline	--	--	50 U	50 U	10 U
4,6-Dinitro-2-methylphenol	--	--	50 U	50 U	10 U
4-Bromophenyl-phenylether	--	--	10 U	10 U	5 U
4-Chloro-3-methyphenol	--	--	10 U	10 U	5 U
4-Chloroaniline	--	--	10 U	10 U	5 U
4-Chlorophenyl-phenyl ether	--	--	10 U	10 U	5 U
4-Methylphenol	--	--	10 UJ	10 UJ	5 U
4-Nitroaniline	--	--	50 U	50 U	10 U
4-Nitrophenol	--	--	50 U	50 U	10 U
Acenaphthene	--	--	10 U	10 U	5 U
Acenaphthylene	--	--	10 U	10 U	5 U
Anthracene	--	--	10 U	10 U	5 U
Benzo(a)anthracene	--	--	10 U	10 U	5 U
Benzo(a)pyrene	2	0.2	10 U	10 U	0.05 U
Benzo(b)fluoranthene	--	--	10 U	10 U	5 U
Benzo(g,h,i)Perylene	--	--	10 U	10 U	5 U
Benzo(k)fluoranthene	--	--	10 U	10 U	5 U
Bis(2-Chloroethoxy)Methane	--	--	10 U	10 U	5 U
Bis(2-Chloroethyl)ether	--	--	10 U	10 U	5 U
bis(2-Chloroisopropyl)ether	--	--	10 U	10 U	NA
bis(2-Ethylhexyl)phthalate	--	--	10 U	10 U	1 J
Butylbenzylphthalate	--	--	10 U	10 U	5 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-3A
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	12/17/96	3/25/97	8/12/97
Carbazole	--	--	20R R	20 UJ	5 U
Chrysene	--	--	10 U	10 U	5 U
Di-N-Butylphthalate	--	--	10 U	10 U	5 U
Di-n-octylphthalate	--	--	10 U	10 U	5 U
Dibenzo(a,h)Anthracene	--	--	10 U	10 U	5 U
Dibenzofuran	--	--	10 U	10 U	5 U
Diethylphthalate	--	--	10 U	10 U	5 U
Dimethylphthalate	--	--	10 U	10 U	5 U
Fluoranthene	--	--	10 U	10 U	5 U
Fluorene	--	--	10 U	10 U	5 U
Hexachlorobenzene	1	1	10 U	10 U	5 U
Hexachlorobutadiene	--	--	10 U	10 U	5 U
Hexachlorocyclopentadiene	50	--	10 U	10 U	5 U
Hexachloroethane	--	--	10 U	10 U	5 U
Indeno(1,2,3-cd)pyrene	--	--	10 U	10 U	5 U
Isophorone	--	--	10 U	10 U	5 U
N-Nitroso-di-n-propylamine	--	--	10 U	10 U	5 U
N-Nitrosodiphenylamine	--	--	10 U	10 U	5 U
Naphthalene	--	20	10 U	10 U	5 U
Nitrobenzene	--	--	10 U	10 U	5 U
Pentachlorophenol	1	1	50 U	50 U	10 U
Phenanthrene	--	--	10 U	10 U	5 U
Phenol	--	--	10 U	10 U	5 U
Pyrene	--	--	10 U	10 U	5 U

NA=Not Analyzed
ND=Not Detected
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Historical Analytical Results
MW-3A
Tank 53 - Tank Farm 5
NETC Newport
Pesticides/PCBs (ug/l)

PARAMETER	MCL	RIDEM GA	12/17/96	3/25/97	8/12/97
4,4'-DDD	--	--	.1 U	.1 U	0.05 U
4,4'-DDE	--	--	.1 U	.1 U	0.05 U
4,4'-DDT	--	--	.1 U	.1 U	0.05 U
Aldrin	--	--	.05 U	.05 U	0.025 U
alpha-BHC	--	--	.05 U	.05 U	0.025 U
alpha-Chlordane	2	2	.05 U	.05 U	0.025 U
beta-BHC	--	--	.05 U	.05 U	0.025 U
delta-BHC	--	--	.05 U	.05 U	0.025 U
Dieldrin	--	--	.1 U	.1 U	0.05 U
Endosulfan I	--	--	.05 UJ	.05 U	0.025 U
Endosulfan II	--	--	.1 U	.1 U	0.05 U
Endosulfan Sulfate	--	--	.1 U	.1 U	0.05 U
Endrin	2	--	.1 U	.1 U	0.05 U
Endrin Aldehyde	--	--	.01 U	.01 U	0.05 U
Endrin Ketone	--	--	.1 U	.1 U	0.05 U
gamma-BHC	--	--	.05 U	.05 U	0.025 U
gamma-Chlordane	2	2	.05 U	.05 U	0.025 U
Heptachlor	0.4	--	.05 U	.05 U	0.025 U
Heptachlor Epoxide	0.2	--	.05 U	.05 U	0.025 U
Methoxychlor	40	--	.5 U	.5 U	0.25 U
Toxaphene	3	--	5 U	5 U	2.5 U
Aroclor-1016	0.5	0.5	1 U	1 U	0.5 U
Aroclor-1221	0.5	0.5	2 U	2 U	1 U
Aroclor-1232	0.5	0.5	1 U	1 U	0.5 U
Aroclor-1242	0.5	0.5	1 U	1 U	0.5 U
Aroclor-1248	0.5	0.5	1 U	1 U	0.5 U
Aroclor-1254	0.5	0.5	1 U	1 U	0.5 U
Aroclor-1260	0.5	0.5	1 U	1 U	0.5 U

NA=Not Analyzed
ND=Not Detected
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Historical Analytical Results
MW-3A
Tank 53 - Tank Farm 5
NETC Newport
Metals/TPH (mg/l)

PARAMETER	MCL	RIDEM GA	12/17/96 Filt	12/17/96 Total	3/25/97 Filt	3/25/97 Total	8/12/97 Filt	8/12/97 Total
Aluminum	-	-	.1 U	3.3	0.1 U	1.8	0.116 U	3.39
Antimony	0.01	0.006	.02 U	.02 U	0.02 U	0.02 U	0.002 U	0.0022 J
Arsenic	0.05	-	.004 U	.007	0.004 UJ	0.005 J	0.0032 U	0.0091
Barium	2	2	.01 U	.01	0.01 U	0.05	0.005 U	0.0209 U
Beryllium	0	0.004	.01 U	.01 U	0.01 U	0.01 U	0.00078 U	0.0016 U
Cadmium	0.01	0.005	.01 U	.01 U	0.01 U	0.01 U	0.0005 U	0.0005 U
Calcium	-	-	7.2	9.5	9	9.6	8.95	8.44
Chromium	0.1	0.1	.02 U	.02 U	0.02 U	0.02 U	0.0065 UJ	0.0065 UJ
Cobalt	-	-	.02 U	.02 U	0.02 U	0.02 U	0.020 U	0.020 U
Copper	1.3	-	.02 U	.02 U	0.02 U	0.02 U	0.0038 UJ	0.0038 UJ
Iron	-	-	.04 U	5.3	0.04 U	2.7	0.189 J	5.420 J
Lead	0.02	0.015	.005 U	.008	0.005 U	0.005 U	0.0012 U	0.0083 U
Magnesium	-	-	8	9.5	11	11	11.3	10.9
Manganese	-	-	.01 U	.09	0.01 U	0.08	0.497	0.365
Mercury	0	0.002	.0002 U	.0002 U	0.0002 U	0.0002 U	0.00013 U	0.00013 U
Nickel	0.14	0.1	.04 U	.14	0.04 U	0.04 U	0.0079 UJ	0.0079 UJ
Potassium	-	-	1	1 U	2	3	1.34	1.76
Selenium	0.05	0.05	.004 U	.004 U	0.004 UJ	0.004 UJ	0.0034 U	0.005 J
Silver	-	-	.01 U	.01 U	0.01 U	0.01 U	0.0018 U	0.0024 U
Sodium	-	-	8	8.9	6.8	8.9	10.5	9.58
Thallium	0	0.002	.005 U	.005 U	0.005 U	0.005 U	0.002 U	0.002 U
Vanadium	-	-	.01 U	.01 U	0.01 U	0.01 U	0.0077 J	0.0096 J
Zinc	-	-	.04 U	.09 U	0.12	0.17	0.0304 U	0.0466

PARAMETER	MCL	RIDEM GA	12/17/96	3/25/97	8/12/97
TPH	-	-	1 U	1 U	1.1 U

NA=Not Analyzed
ND=Not Detected
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**=Concentration changed according to data validation

APPENDIX B-3

SUMMARY TABLES FOR HISTORICAL ANALYTICAL RESULTS

MONITORING WELL MW-4

Historical Analytical Results
MW-4
Tank 53 - Tank Farm 5
NETC Newport
Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	5/1/92	2/28/95	12/17/96	3/24/97
Acetone	-	-	11 U*	10 U	10 U	10 U
Benzene	5	5	ND	5 U	5 U	5 U
Bromochloromethane	-	-	NA	NA	5 U	5 U
Bromodichloromethane	100	-	NA	5 U	5 U	5 U
Bromoform	100	-	NA	5 U	5 U	5 U
Bromomethane	-	-	NA	10 U	10 U	10 U
Butanone(2-)	-	-	NA	10 U	10 U	10 U
Carbon Disulfide	-	-	NA	5 U	5 U	5 U
Carbon Tetrachloride	5	5	NA	5 U	5 U	5 U
Chlorobenzene	-	100	NA	5 U	5 U	5 U
Chloroethane	-	-	NA	10 U	10 U	10 U
Chloroform	100	-	5 J	5 U	5 U	5 U
Chloromethane	-	-	NA	10 U	10 U	10 U
Dibromo-3-chloropropane(1,2-)	0.2	0.2	NA	NA	5 U	5 U
Dibromochloromethane	-	-	NA	5 U	5 U	5 U
Dibromoethane(1,2-)	-	-	NA	NA	5 U	5 U
Dichloroethane(1,1-)	-	-	ND	5 U	5 U	5 U
Dichloroethane(1,2-)	5	5	NA	5 U	5 U	5 U
Dichloroethene(1,1-)	7	7	NA	5 U	5 U	5 U
Dichloroethene(1-2-) (Total)	-	-	5 J	5 U	NA	NA
Dichloroethene(cis-1,2-)	70	70	NA	NA	5 U	5 U
Dichloroethene(trans-1,2-)	100	100	NA	NA	5 U	5 U
Dichloropropane(1,2-)	5	5	NA	5 U	5 U	5 U
Dichloropropene(cis-1,3-)	-	-	NA	5 U	5 U	5 U
Dichloropropene(trans-1,3-)	-	-	NA	5 U	5 U	5 U
Ethylbenzene	700	700	ND	5 U	5 U	5 U
Hexanone(2-)	-	-	NA	10 U	10 U	10 U
Methyl-2-pentanone(4-)	-	-	NA	10 U	10 U	10 U
Methylene Chloride	-	-	13 U*	5 U	5 U	5 U
Styrene	100	100	NA	5 U	5 U	5 U
Tetrachloroethane(1,1,2,2-)	-	-	NA	5 U	5 U	5 U
Tetrachloroethene	5	5	ND	5 U	5 U	5 U
Toluene	1000	1000	ND	5 U	5 U	5 U
Total Xylenes	10,000	10,000	ND	5 U	5 U	5 U
Trichloroethane(1,1,1-)	200	200	3 J	2 J	5 U	5 U
Trichloroethane(1,1,2-)	5	5	NA	5 U	5 U	5 U
Trichloroethene	5	5	6 J	5	5 U	5 U
Vinyl Chloride	2	2	ND	10 U	10 U	10 U
Vinylacetate	-	-	NA	NA	10 U	10 U

NA=Not Analyzed
ND=Not Detected
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**=Concentration changed according to data validation

Historical Analytical Results
MW-4
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	5/92	2/28/95	12/17/96	3/24/97
1,2,4-Trichlorobenzene	70	70	NA	10 U	10 U	10 U
1,2-Dichlorobenzene	600	600	NA	10 U	10 U	10 U
1,3-Dichlorobenzene	--	600	NA	10 U	10 U	10 U
1,4-Dichlorobenzene	75	75	NA	10 U	10 U	10 U
2,2'-Oxybis(1-chloropropane)	--	--	NA	10 U	NA	NA
2,4,5-Trichlorophenol	--	--	NA	25 U	50 U	50 U
2,4,6-Trichlorophenol	--	--	NA	10 U	10 U	10 U
2,4-Dichlorophenol	--	--	NA	10 U	10 U	10 U
2,4-Dimethylphenol	--	--	NA	10 U	10 U	10 U
2,4-Dinitrophenol	--	--	NA	25 U	50 U	50 U
2,4-Dinitrotoluene	--	--	NA	10 U	10 U	10 U
2,6-Dinitrotoluene	--	--	NA	10 U	10 U	10 U
2-Chloronaphthalene	--	--	NA	10 U	10 U	10 U
2-Chlorophenol	--	--	NA	10 U	10 U	10 U
2-Methylnaphthalene	--	--	ND	10 U	10 U	10 U
2-Methylphenol	--	--	NA	10 U	10 U	10 U
2-Nitroaniline	--	--	NA	25 U	50 U	50 U
2-Nitrophenol	--	--	NA	10 U	10 U	10 U
3,3-Dichlorobenzidine	--	--	NA	10 U	20 U	20 U
3-Methylphenol	--	--	NA	NA	10 UJ	10 UJ
3-Nitroaniline	--	--	NA	25 U	50 U	50 U
4,6-Dinitro-2-methylphenol	--	--	NA	25 U	50 U	50 U
4-Bromophenyl-phenylether	--	--	NA	10 U	10 U	10 U
4-Chloro-3-methyphenol	--	--	NA	10 U	10 U	10 U
4-Chloroaniline	--	--	NA	10 U	10 U	10 U
4-Chlorophenyl-phenyl ether	--	--	NA	10 NA	10 U	10 U
4-Methylphenol	--	--	NA	10 U	10 UJ	10 UJ
4-Nitroaniline	--	--	NA	25 U	50 U	50 U
4-Nitrophenol	--	--	NA	25 U	50 U	50 U
Acenaphthene	--	--	NA	10 U	10 U	10 U
Acenaphthylene	--	--	NA	10 U	10 U	10 U
Anthracene	--	--	NA	10 U	10 U	10 U
Benzo(a)anthracene	--	--	NA	10 U	10 U	10 U
Benzo(a)pyrene	2	0.2	NA	10 U	10 U	10 U
Benzo(b)fluoranthene	--	--	NA	10 U	10 U	10 U
Benzo(g,h,i)Perylene	--	--	NA	10 U	10 U	10 U
Benzo(k)fluoranthene	--	--	NA	10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane	--	--	NA	10 U	10 U	10 U
Bis(2-Chloroethyl)ether	--	--	NA	10 U	10 U	10 U
bis(2-Chloroisopropyl)ether	--	--	NA	NA	10 U	10 U
bis(2-Ethylhexyl)phthalate	--	--	11 U**	10 U	10 U	10 U
Butylbenzylphthalate	--	--	ND	10 U	10 U	10 U

NA=Not Analyzed
ND=Not Detected
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**=Concentration changed according to data validation

Historical Analytical Results
MW-4
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	5/92	2/28/95	12/17/96	3/24/97
Carbazole	--	--	NA	10 U	20R R	20 U
Chrysene	--	--	NA	10 U	10 U	10 U
Di-N-Butylphthalate	--	--	11 U**	10 U	10 U	10 U
Di-n-octylphthalate	--	--	NA	10 U	10 U	10 U
Dibenzo(a,h)Anthracene	--	--	NA	10 U	10 U	10 U
Dibenzofuran	--	--	NA	10 U	10 U	10 U
Diethylphthalate	--	--	NA	10 U	10 U	10 U
Dimethylphthalate	--	--	NA	10 U	10 U	10 U
Fluoranthene	--	--	NA	10 U	10 U	10 U
Fluorene	--	--	NA	10 U	10 U	10 U
Hexachlorobenzene	1	1	NA	10 U	10 U	10 U
Hexachlorobutadiene	--	--	NA	10 U	10 U	10 U
Hexachlorocyclopentadiene	50	--	NA	10 U	10 U	10 U
Hexachloroethane	--	--	NA	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	--	--	NA	10 U	10 U	10 U
Isophorone	--	--	NA	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	--	--	NA	10 U	10 U	10 U
N-Nitrosodiphenylamine	--	--	NA	10 U	10 U	10 U
Naphthalene	--	20	ND	10 U	10 U	10 U
Nitrobenzene	--	--	NA	10 U	10 U	10 U
Pentachlorophenol	1	1	NA	25 U	50 U	50 U
Phenanthrene	--	--	NA	10 U	10 U	10 U
Phenol	--	--	NA	10 U	10 U	10 U
Pyrene	--	--	NA	10 U	10 U	10 U

NA=Not Analyzed
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Historical Analytical Results
MW-4
Tank 53 - Tank Farm 5
NETC Newport
Pesticides/PCBs (ug/l)

PARAMETER	MCL	RIDEM GA	2/28/95	12/17/96	3/24/97
4,4'-DDD	--	--	.1 U	.1 U	.1 U
4,4'-DDE	--	--	.1 U	.1 U	.1 U
4,4'-DDT	--	--	.1 U	.1 U	.1 U
Aldrin	--	--	.05 U	.05 U	.05 U
alpha-BHC	--	--	.05 U	.05 U	.05 U
alpha-Chlordane	2	2	NA	.05 U	.05 U
beta-BHC	--	--	.05 U	.05 U	.05 U
delta-BHC	--	--	.05 U	.05 U	.05 U
Dieldrin	--	--	.1 U	.1 U	.1 U
Endosulfan I	--	--	.05 U	.05 UJ	.05 U
Endosulfan II	--	--	.1 U	.1 U	.1 U
Endosulfan Sulfate	--	--	.1 U	.1 U	.1 U
Endrin	2	--	.1 U	.1 U	.1 U
Endrin Aldehyde	--	--	.1 U	.01 U	.01 U
Endrin Ketone	--	--	NA	.1 U	.1 U
gamma-BHC	--	--	.05 U	.05 U	.05 U
gamma-Chlordane	2	2	NA	.05 U	.05 U
Heptachlor	0.4	--	.05 U	.05 U	.05 U
Heptachlor Epoxide	0.2	--	.05 U	.05 U	.05 U
Methoxychlor	40	--	.5 U	.5 U	.5 U
Toxaphene	3	--	5 U	5 U	5 U
Aroclor-1016	0.5	0.5	1 U	1 U	1 U
Aroclor-1221	0.5	0.5	2 U	2 U	2 U
Aroclor-1232	0.5	0.5	1 U	1 U	1 U
Aroclor-1242	0.5	0.5	1 U	1 U	1 U
Aroclor-1248	0.5	0.5	1 U	1 U	1 U
Aroclor-1254	0.5	0.5	1 U	1 U	1 U
Aroclor-1260	0.5	0.5	1 U	1 U	1 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-4
Tank 53 - Tank Farm 5
NETC Newport
Metals/TPH (mg/l)

PARAMETER	MCL	RIDEM GA	5/92 Filt	5/92	12/96 Filt	12/96	3/24/97 Filt	3/24/97
ALUMINUM	-	-	0.094 BU	1.87	0.1 U	4.0	0.1 U	4.2 J
ANTIMONY	0.006	0.006	NA	NA	0.02 U	0.02 U	0.02 U	0.02 U
ARSENIC	0.05	-	0.003 BJ	0.029 J	0.004 U	0.67	0.004 UJ	0.06 J
BARIUM	2	2	0.007 B	0.026 B	0.01 U	0.04	0.01 U	0.04 J
BERYLLIUM	0.004	0.004	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U
CADMIUM	0.005	0.005	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U
CALCIUM	-	-	30.8	29.8	31	35	28	29
CHROMIUM	0.1	0.1	ND	0.011	0.02 U	0.02 U	0.02 U	0.02
COBALT	-	-	ND	0.012 B	0.02 U	0.02 U	0.02 U	0.02 U
COPPER	1.3	-	ND	0.012 B	0.02 U	0.02 U	0.02 U	0.02 U
IRON	-	-	0.055 B	14.6	0.04 U	22	0.04 U	28 J
LEAD	0.015	0.015	NA REJ	0.003 J	0.005 U	0.013	0.005 U	0.009
MAGNESIUM	-	-	25.4	24.3	25	27	23	24
MANGANESE	-	-	0.019	0.154	0.01 U	0.16	0.01 U	0.18
MERCURY	0.002	0.002	ND	NA	0.002 U	0.002 U	0.002 U	0.002 U
NICKEL	0.14	0.1	ND	0.02 B	0.04 U	0.04 U	0.04 U	0.04 U
POTASSIUM	-	-	2.12 B	1.7 B	2	3	2	3
SELENIUM	0.05	0.05	0.002 UJ	NA	0.004 U	0.004 U	0.004 UJ	0.004 UJ
SILVER	-	-	ND	NA	0.01 U	0.01 U	0.01 U	0.01 U
SODIUM	-	-	18	18	22	24	17	19
THALLIUM	0.002	0.002	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U
VANADIUM	-	-	ND	NA	0.01 U	0.01	0.01 U	0.02
ZINC	-	-	ND	0.041	0.03 U	0.25	0.01 U	0.07 J

PARAMETER	MCL	RIDEM GA	12/17/96	3/24/97
TPH	-	-	1 U	1 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

APPENDIX B-4

SUMMARY TABLES FOR HISTORICAL ANALYTICAL RESULTS

MONITORING WELL MW-8

Historical Analytical Results
MW-8
Tank 53 - Tank Farm 5
NETC Newport
Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	5/92	2/28/95	12/18/96	3/24/97
Acetone	-	-	10 U**	10 U	10 U	10 U
Benzene	5	5	ND	3 J	5 U	5 U
Bromochloromethane	-	-	NA	NA	5 U	5 U
Bromodichloromethane	100	-	NA	5 U	5 U	5 U
Bromoform	100	-	NA	5 U	5 U	5 U
Bromomethane	-	-	NA	10 U	10 U	10 U
Butanone(2-)	-	-	NA	10 U	10 U	10 U
Carbon Disulfide	-	-	NA	5 U	5 U	5 U
Carbon Tetrachloride	5	5	NA	5 U	5 U	5 U
Chlorobenzene	-	100	NA	5 U	5 U	5 U
Chloroethane	-	-	NA	10 U	10 U	10 U
Chloroform	100	-	ND	5 U	5 U	5 U
Chloromethane	-	-	NA	10 U	10 U	10 U
Dibromo-3-chloropropane(1,2-)	0.2	0.2	NA	NA	5 U	5 U
Dibromochloromethane	-	-	NA	5 U	5 U	5 U
Dibromoethane(1,2-)	-	-	NA	NA	5 U	5 U
Dichloroethane(1,1-)	-	-	6 J	9	5 U	5 U
Dichloroethane(1,2-)	5	5	NA	5 U	5 U	5 U
Dichloroethene(1,1-)	7	7	NA	5 U	5 U	5 U
Dichloroethene(1-2-) (Total)	-	-	19	6	NA	NA
Dichloroethene(cis-1,2-)	70	70	NA	NA	5 U	5 U
Dichloroethene(trans-1,2-)	100	100	NA	NA	5 U	5 U
Dichloropropane(1,2-)	5	5	NA	5 U	5 U	5 U
Dichloropropene(cis-1,3-)	-	-	NA	5 U	5 U	5 U
Dichloropropene(trans-1,3-)	-	-	NA	5 U	5 U	5 U
Ethylbenzene	700	700	ND	5 U	5 U	5 U
Hexanone(2-)	-	-	NA	10 U	10 U	10 U
Methyl-2-pentanone(4-)	-	-	NA	10 U	10 U	10 U
Methylene Chloride	-	-	10 U**	5 U	5 U	5 U
Styrene	100	100	NA	5 U	5 U	5 U
Tetrachloroethane(1,1,2,2-)	-	-	NA	5 U	5 U	5 U
Tetrachloroethene	5	5	ND	5 U	5 U	5 U
Toluene	1000	1000	ND	5 U	5 U	5 U
Total Xylenes	10,000	10,000	ND	5 U	5 U	5 U
Trichloroethane(1,1,1-)	200	200	8 J	2 J	5 U	5 U
Trichloroethane(1,1,2-)	5	5	NA	5 U	5 U	5 U
Trichloroethene	5	5	ND	2 J	5 U	5 U
Vinyl Chloride	2	2	ND	10 U	10 U	10 U
Vinylacetate	-	-	NA	NA	10 U	10 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-8
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	5/92	2/28/95	12/18/96	3/24/97
1,2,4-Trichlorobenzene	70	70	NA	20 U	10 U	10 U
1,2-Dichlorobenzene	600	600	NA	20 U	10 U	10 U
1,3-Dichlorobenzene	--	600	NA	20 U	10 U	10 U
1,4-Dichlorobenzene	75	75	NA	20 U	10 U	10 U
2,2'-Oxybis(1-chloropropane)	--	--	NA	20 U	NA	NA
2,4,5-Trichlorophenol	--	--	NA	50 U	50 U	50 U
2,4,6-Trichlorophenol	--	--	NA	20 U	10 U	10 U
2,4-Dichlorophenol	--	--	NA	20 U	10 U	10 U
2,4-Dimethylphenol	--	--	NA	20 U	10 U	10 U
2,4-Dinitrophenol	--	--	NA	50 U	50 U	50 U
2,4-Dinitrotoluene	--	--	NA	20 U	10 U	10 U
2,6-Dinitrotoluene	--	--	NA	20 U	10 U	10 U
2-Chloronaphthalene	--	--	NA	20 U	10 U	10 U
2-Chlorophenol	--	--	NA	20 U	10 U	10 U
2-Methylnaphthalene	--	--	ND	20 U	10 U	10 U
2-Methylphenol	--	--	NA	20 U	10 U	10 U
2-Nitroaniline	--	--	NA	50 U	50 U	50 U
2-Nitrophenol	--	--	NA	20 U	10 U	10 U
3,3-Dichlorobenzidine	--	--	NA	1 J	20 U	20 U
3-Methylphenol	--	--	NA	NA	10 UJ	10 UJ
3-Nitroaniline	--	--	NA	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	--	--	NA	50 U	50 U	50 U
4-Bromophenyl-phenylether	--	--	NA	20 U	10 U	10 U
4-Chloro-3-methyphenol	--	--	NA	20 U	10 U	10 U
4-Chloroaniline	--	--	NA	20 U	10 U	10 U
4-Chlorophenyl-phenyl ether	--	--	NA	20 U	10 U	10 U
4-Methylphenol	--	--	NA	20 U	10 UJ	10 UJ
4-Nitroaniline	--	--	NA	50 U	50 U	50 U
4-Nitrophenol	--	--	NA	50 U	50 U	50 U
Acenaphthene	--	--	NA	20 U	10 U	10 U
Acenaphthylene	--	--	NA	20 U	10 U	10 U
Anthracene	--	--	NA	20 U	10 U	10 U
Benzo(a)anthracene	--	--	NA	20 U	10 U	10 U
Benzo(a)pyrene	2	0.2	NA	20 U	10 U	10 U
Benzo(b)fluoranthene	--	--	NA	20 U	10 U	10 U
Benzo(g,h,i)Perylene	--	--	NA	20 U	10 U	10 U
Benzo(k)fluoranthene	--	--	NA	20 U	10 U	10 U
Bis(2-Chloroethoxy)Methane	--	--	NA	20 U	10 U	10 U
Bis(2-Chloroethyl)ether	--	--	NA	20 U	10 U	10 U
bis(2-Chloroisopropyl)ether	--	--	NA	NA	10 U	10 U
bis(2-Ethylhexyl)phthalate	--	--	10 U**	3 J	10 U	10 U
Butylbenzylphthalate	--	--	ND	20 U	10 U	10 U

NA=Not Analyzed
ND=Not Detected
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**=Concentration changed according to data validation

Historical Analytical Results
MW-8
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	5/92	2/28/95	12/18/96	3/24/97
Carbazole	--	--	NA	20 U	20R R	20 U
Chrysene	--	--	NA	20 U	10 U	10 U
Di-N-Butylphthalate	--	--	10 U**	20 U	10 U	10 U
Di-n-octylphthalate	--	--	NA	20 U	10 U	10 U
Dibenzo(a,h)Anthracene	--	--	NA	20 U	10 U	10 U
Dibenzofuran	--	--	NA	20 U	10 U	10 U
Diethylphthalate	--	--	NA	20 U	10 U	10 U
Dimethylphthalate	--	--	NA	20 U	10 U	10 U
Fluoranthene	--	--	NA	20 U	10 U	10 U
Fluorene	--	--	NA	20 U	10 U	10 U
Hexachlorobenzene	1	1	NA	20 U	10 U	10 U
Hexachlorobutadiene	--	--	NA	20 U	10 U	10 U
Hexachlorocyclopentadiene	50	--	NA	20 U	10 U	10 U
Hexachloroethane	--	--	NA	20 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	--	--	NA	20 U	10 U	10 U
Isophorone	--	--	NA	20 U	10 U	10 U
N-Nitroso-di-n-propylamine	--	--	NA	20 U	10 U	10 U
N-Nitrosodiphenylamine	--	--	NA	20 U	10 U	10 U
Naphthalene	--	20	ND	20 U	10 U	10 U
Nitrobenzene	--	--	NA	20 U	10 U	10 U
Pentachlorophenol	1	1	NA	50 U	50 U	50 U
Phenanthrene	--	--	NA	20 U	10 U	10 U
Phenol	--	--	NA	20 U	10 U	10 U
Pyrene	--	--	NA	20 U	10 U	10 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-8
Tank 53 - Tank Farm 5
NETC Newport
Pesticides/PCBs (ug/l)

PARAMETER	MCL	RIDEM GA	2/28/95	12/18/96	3/24/97
4,4'-DDD	--	--	.1 U	.1 U	.1 U
4,4'-DDE	--	--	.1 U	.1 U	.1 U
4,4'-DDT	--	--	.1 U	.1 U	.1 U
Aldrin	--	--	.05 U	.05 U	.05 U
alpha-BHC	--	--	.05 U	.05 U	.05 U
alpha-Chlordane	2	2	NA	.05 U	.05 U
beta-BHC	--	--	.05 U	.05 U	.05 U
delta-BHC	--	--	.05 U	.05 U	.05 U
Dieldrin	--	--	.1 U	.1 U	.1 U
Endosulfan I	--	--	.05 U	.05 UJ	.05 U
Endosulfan II	--	--	.1 U	.1 U	.1 U
Endosulfan Sulfate	--	--	.1 U	.1 U	.1 U
Endrin	2	--	.1 U	.1 U	.1 U
Endrin Aldehyde	--	--	.1 U	.01 U	.01 U
Endrin Ketone	--	--	NA	.1 U	.1 U
gamma-BHC	--	--	.05 U	.05 U	.05 U
gamma-Chlordane	2	2	NA	.05 U	.05 U
Heptachlor	0.4	--	.05 U	.05 U	.05 U
Heptachlor Epoxide	0.2	--	.05 U	.05 U	.05 U
Methoxychlor	40	--	.5 U	.5 U	.5 U
Toxaphene	3	--	5 U	5 U	5 U
Aroclor-1016	0.5	0.5	1 U	1 U	1 U
Aroclor-1221	0.5	0.5	2 U	2 U	2 U
Aroclor-1232	0.5	0.5	1 U	1 U	1 U
Aroclor-1242	0.5	0.5	1 U	1 U	1 U
Aroclor-1248	0.5	0.5	1 U	1 U	1 U
Aroclor-1254	0.5	0.5	1 U	1 U	1 U
Aroclor-1260	0.5	0.5	1 U	1 U	1 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-8
Tank 53 - Tank Farm 5
NETC Newport
Metals/TPH (mg/l)

PARAMETER	MCL	RIDEM GA	2/28/95	5/92	5/92 Filt	12/18/96 Filt	12/18/96 Tot	3/24/97 Tot
ALUMINUM	-	-	360	5.59	ND	0.1 U	0.6	0.2 J
ANTIMONY	0.006	0.006	50 U	NA	ND	0.02 U	0.02 U	0.02U
ARSENIC	0.05	-	3.9 J	0.02	ND	0.004 U	0.006	0.004 UJ
BARIUM	2	2	22.1 J	0.062 B	0.01 B	0.01 U	0.03 U	0.04 J
BERYLLIUM	0.004	0.004	1 U	ND	ND	0.01 U	0.01 U	0.01 U
CADMIUM	0.005	0.005	3 U	ND	ND	0.01 U	0.01 U	0.01 U
CALCIUM	-	-	42700	24.3 J	23.7 J	54	53	42
CHROMIUM	0.1	0.1	5 U	0.019	ND	0.02 U	0.02 U	0.02 U
COBALT	-	-	10 J	0.027 B	ND	0.02 U	0.02 U	0.02 U
COPPER	1.3	-	6.9 U	0.05	ND	0.02 U	0.02 U	0.02 U
IRON	-	-	1560	22.1 J	0.063 BU	0.04 U	1.6	0.1 J
LEAD	0.015	0.015	2 U	0.03 J	0.02 UJ	0.005 U	0.005 U	0.005 U
MAGNESIUM	-	-	28400	19.8 J	18.9 J	21	21	18
MANGANESE	-	-	6310	0.535 J	0.041 J	0.01 U	0.23	0.02
MERCURY	0.002	0.002	0.24 J	ND	ND	0.0002 U	0.0002 U	0.0002 U
NICKEL	0.14	0.1	19.9 J	0.035	ND	0.04 U	0.04 U	0.04 U
POTASSIUM	-	-	3390 J	2.28 B	1.59 B	3	2	3
SELENIUM	0.05	0.05	4 U	ND	ND	0.004 U	0.004 U	0.004 UJ
SILVER	-	-	4 U	ND	ND	0.01 U	0.01 U	0.01 U
SODIUM	-	-	70200	10.5	10.9	17	18	20
THALLIUM	0.002	0.002	5 U	NA	NA	0.005 U	0.005 U	0.005 U
VANADIUM	-	-	2 U	0.063 B	0.006 B	0.01 U	0.01 U	0.01 U
ZINC	-	-	17 U	0.068	0.013 BU	0.01	0.02	0.05 J

PARAMETER	MCL	RIDEM GA	2/28/95	5/92	12/18/96
TPH	-	-	NA	NA	1 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

APPENDIX B-5

SUMMARY TABLES FOR HISTORICAL ANALYTICAL RESULTS

MONITORING WELL MW-86-1

Historical Analytical Results
MW-86-1
Tank 53 - Tank Farm 5
NETC Newport
Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	10/86	7/20/90	10/25/90	5/92	12/18/96	3/25/97	8/13/97
Acetone	-	-	NA	NA	4 JB	ND	10 U	10 U	17 U
Benzene	5	5	ND	NA	ND	ND	5 U	5 U	5 U
Bromochloromethane	-	-	NA	NA	NA	NA	5 U	5 U	NA
Bromodichloromethane	100	-	NA	NA	NA	NA	5 U	5 U	5 U
Bromoform	100	-	NA	NA	NA	NA	5 U	5 U	5 UJ
Bromomethane	-	-	NA	NA	NA	NA	10 U	10 U	5 U
Butanone(2-)	-	-	NA	NA	ND	NA	10 U	10 U	10 UR
Carbon Disulfide	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Carbon Tetrachloride	5	5	NA	NA	NA	NA	5 U	5 U	5 U
Chlorobenzene	-	100	NA	NA	NA	NA	5 U	5 U	5 U
Chloroethane	-	-	NA	NA	NA	NA	10 U	10 U	5 U
Chloroform	100	-	ND	NA	ND	8 J	6	5 U	5 U
Chloromethane	-	-	NA	NA	2 J	NA	10 U	10 U	5 U
Dibromo-3-chloropropane(1,2-)	0.2	0.2	NA	NA	NA	NA	5 U	5 U	NA
Dibromochloromethane	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Dibromoethane(1,2-)	-	-	NA	NA	NA	NA	5 U	5 U	NA
Dichloroethane(1,1-)	-	-	ND	NA	ND	ND	5 U	5 U	5 U
Dichloroethane(1,2-)	5	5	ND	NA	NA	NA	5 U	5 U	5 U
Dichloroethene(1,1-)	7	7	NA	NA	ND	NA	5 U	5 U	5 U
Dichloroethene(1-2-) (Total)	-	-	NA	NA	ND	ND	NA	NA	NA
Dichloroethene(cis-1,2-)	70	70	NA	NA	NA	NA	5 U	5 U	5 U
Dichloroethene(trans-1,2-)	100	100	NA	NA	NA	NA	5 U	5 U	5 U
Dichloropropane(1,2-)	5	5	NA	NA	NA	NA	5 U	5 U	5 U
Dichloropropene(cis-1,3-)	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Dichloropropene(trans-1,3-)	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Ethylbenzene	700	700	ND	NA	ND	ND	5 U	5 U	5 U
Hexanone(2-)	-	-	NA	NA	NA	NA	10 U	10 U	10 U
Methyl-2-pentanone(4-)	-	-	NA	NA	NA	NA	10 U	10 U	10 UJ
Methylene Chloride	-	-	ND	NA	11 B	10 U**	5 U	5 U	10 U
Styrene	100	100	NA	NA	NA	NA	5 U	5 U	5 U
Tetrachloroethane(1,1,2,2-)	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Tetrachloroethene	5	5	ND	NA	ND	ND	5 U	5 U	5 U
Toluene	1000	1000	ND	NA	ND	ND	5 U	5 U	5 U
Total Xylenes	10,000	10,000	ND	NA	ND	ND	5 U	5 U	5 U
Trichloroethane(1,1,1-)	200	200	ND	NA	ND	ND	5 U	5 U	5 U
Trichloroethane(1,1,2-)	5	5	NA	NA	NA	NA	5 U	5 U	5 U
Trichloroethene	5	5	ND	NA	ND	ND	5 U	5 U	5 U
Vinyl Chloride	2	2	NA	NA	ND	ND	10 U	10 U	2 U
Vinylacetate	-	-	NA	NA	NA	NA	10 U	10 U	NA

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-86-1
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	7/20/90	10/25/90	12/18/96	3/25/97	8/13/97
1,2,4-Trichlorobenzene	70	70	NA	NA	10 U	10 UJ	5 U
1,2-Dichlorobenzene	600	600	NA	NA	10 U	10 U	5 U
1,3-Dichlorobenzene	--	600	NA	NA	10 U	10 U	5 U
1,4-Dichlorobenzene	75	75	NA	NA	10 U	10 U	5 U
2,2'-Oxybis(1-chloropropane)	--	--	NA	NA	NA	NA	5 U
2,4,5-Trichlorophenol	--	--	NA	NA	50 U	50 U	10 U
2,4,6-Trichlorophenol	--	--	NA	NA	10 U	10 U	5 U
2,4-Dichlorophenol	--	--	NA	NA	10 U	10 U	5 U
2,4-Dimethylphenol	--	--	NA	NA	10 U	10 U	5 U
2,4-Dinitrophenol	--	--	NA	NA	50 U	50 U	10 U
2,4-Dinitrotoluene	--	--	NA	NA	10 U	10 U	5 U
2,6-Dinitrotoluene	--	--	NA	NA	10 U	10 U	5 U
2-Chloronaphthalene	--	--	NA	NA	10 U	10 UJ	5 U
2-Chlorophenol	--	--	NA	NA	10 U	10 U	5 U
2-Methylnaphthalene	--	--	NA	ND	10 U	10 U	5 U
2-Methylphenol	--	--	NA	NA	10 U	10 U	5 U
2-Nitroaniline	--	--	NA	NA	50 U	50 U	10 U
2-Nitrophenol	--	--	NA	NA	10 U	10 U	5 U
3,3-Dichlorobenzidine	--	--	NA	NA	20 U	20 U	5 U
3-Methylphenol	--	--	NA	NA	10 UJ	10 UJ	NA
3-Nitroaniline	--	--	NA	NA	50 U	50 U	10 U
4,6-Dinitro-2-methylphenol	--	--	NA	NA	50 U	50 U	10 U
4-Bromophenyl-phenylether	--	--	NA	NA	10 U	10 U	5 U
4-Chloro-3-methyphenol	--	--	NA	NA	10 U	10 U	5 U
4-Chloroaniline	--	--	NA	NA	10 U	10 U	5 U
4-Chlorophenyl-phenyl ether	--	--	NA	NA	10 U	10 U	5 U
4-Methylphenol	--	--	NA	NA	10 UJ	10 UJ	5 U
4-Nitroaniline	--	--	NA	NA	50 U	50 U	10 U
4-Nitrophenol	--	--	NA	NA	50 U	50 U	10 U
Acenaphthene	--	--	NA	ND	10 U	10 U	5 U
Acenaphthylene	--	--	NA	NA	10 U	10 U	5 U
Anthracene	--	--	NA	NA	10 U	10 U	5 U
Benzo(a)anthracene	--	--	NA	NA	10 U	10 U	5 U
Benzo(a)pyrene	2	0.2	NA	NA	10 U	10 U	0.05 U
Benzo(b)fluoranthene	--	--	NA	NA	10 U	10 U	5 U
Benzo(g,h,i)Perylene	--	--	NA	NA	10 U	10 U	5 U
Benzo(k)fluoranthene	--	--	NA	NA	10 U	10 U	5 U
Bis(2-Chloroethoxy)Methane	--	--	NA	NA	10 U	10 U	5 U
Bis(2-Chloroethyl)ether	--	--	NA	NA	10 U	10 U	5 U
bis(2-Chloroisopropyl)ether	--	--	NA	NA	10 U	10 U	NA
bis(2-Ethylhexyl)phthalate	--	--	NA	ND	10 U	10 U	5 U
Butylbenzylphthalate	--	--	NA	NA	10 U	10 U	5 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-86-1
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	7/20/90	10/25/90	12/18/96	3/25/97	8/13/97
Carbazole	--	--	NA	NA	20R R	20 UJ	5 U
Chrysene	--	--	NA	NA	10 U	10 U	5 U
Di-N-Butylphthalate	--	--	NA	NA	10 U	10 U	5 U
Di-n-octylphthalate	--	--	NA	NA	10 U	10 U	5 U
Dibenzo(a,h)Anthracene	--	--	NA	NA	10 U	10 U	5 U
Dibenzofuran	--	--	NA	NA	10 U	10 U	5 U
Diethylphthalate	--	--	NA	NA	10 U	10 U	5 U
Dimethylphthalate	--	--	NA	NA	10 U	10 U	5 U
Fluoranthene	--	--	NA	NA	10 U	10 U	5 U
Fluorene	--	--	NA	ND	10 U	10 U	5 U
Hexachlorobenzene	1	1	NA	NA	10 U	10 U	5 U
Hexachlorobutadiene	--	--	NA	NA	10 U	10 U	5 U
Hexachlorocyclopentadiene	50	--	NA	NA	10 U	10 U	5 U
Hexachloroethane	--	--	NA	NA	10 U	10 U	5 U
Indeno(1,2,3-cd)pyrene	--	--	NA	NA	10 U	10 U	5 U
Isophorone	--	--	NA	NA	10 U	10 U	5 U
N-Nitroso-di-n-propylamine	--	--	NA	NA	10 U	10 U	5 U
N-Nitrosodiphenylamine	--	--	NA	NA	10 U	10 U	5 U
Naphthalene	--	20	NA	ND	10 U	10 U	5 U
Nitrobenzene	--	--	NA	NA	10 U	10 U	5 U
Pentachlorophenol	1	1	NA	NA	50 U	50 U	10 U
Phenanthrene	--	--	NA	ND	10 U	10 U	5 U
Phenol	--	--	NA	NA	10 U	10 U	5 U
Pyrene	--	--	NA	ND	10 U	10 U	5 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-86-1
Tank 53 - Tank Farm 5
NETC Newport
Pesticides/PCBs (ug/l)

PARAMETER	MCL	RIDEM GA	7/20/90	12/18/96	3/25/97	8/13/97
4,4'-DDD	--	--	NA	.1 U	.1 U	0.05 U
4,4'-DDE	--	--	NA	.1 U	.1 U	0.05 U
4,4'-DDT	--	--	NA	.1 U	.1 U	0.05 U
Aldrin	--	--	NA	.05 U	.05 U	0.025 U
alpha-BHC	--	--	NA	.05 U	.05 U	0.025 U
alpha-Chlordane	2	2	NA	.05 U	.05 U	0.025 U
beta-BHC	--	--	NA	.05 U	.05 U	0.025 U
delta-BHC	--	--	NA	.05 U	.05 U	0.025 U
Dieldrin	--	--	NA	.1 U	.1 U	0.05 U
Endosulfan I	--	--	NA	.05 UJ	.05 U	0.025 U
Endosulfan II	--	--	NA	.1 U	.1 U	0.05 U
Endosulfan Sulfate	--	--	NA	.1 U	.1 U	0.05 U
Endrin	2	--	NA	.1 U	.1 U	0.05 U
Endrin Aldehyde	--	--	NA	.01 U	.01 U	0.05 U
Endrin Ketone	--	--	NA	.1 U	.1 U	0.05 U
gamma-BHC	--	--	NA	.05 U	.05 U	0.025 U
gamma-Chlordane	2	2	NA	.05 U	.05 U	0.025 U
Heptachlor	0.4	--	NA	.05 U	.05 U	0.025 U
Heptachlor Epoxide	0.2	--	NA	.05 U	.05 U	0.025 U
Methoxychlor	40	--	NA	.5 U	.5 U	0.25 U
Toxaphene	3	--	NA	5 U	5 U	2.5 U
Aroclor-1016	0.5	0.5	NA	1 U	1 U	0.5 U
Aroclor-1221	0.5	0.5	NA	2 U	2 U	1 U
Aroclor-1232	0.5	0.5	NA	1 U	1 U	0.5 U
Aroclor-1242	0.5	0.5	NA	1 U	1 U	0.5 U
Aroclor-1248	0.5	0.5	NA	1 U	1 U	0.5 U
Aroclor-1254	0.5	0.5	NA	1 U	1 U	0.5 U
Aroclor-1260	0.5	0.5	NA	1 U	1 U	0.5 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-86-1
Tank 53 - Tank Farm 5
NETC Newport
Metals/TPH (mg/l)

PARAMETER	MCL	RIDEM GA	7/20/90 (Pb)	10/25/90	5/92 Filt	5/92	12/18/96 Filt	12/18/96	3/25/97 Filt	3/25/97	8/13/97 Filt	8/13/97 Total
ALUMINUM	-	-	NA	NA	0.368	16.9	0.1 U	4.1	0.1 U	4.7	0.109 U	1.98
ANTIMONY	0.01	0.006	NA	NA	ND	NA	0.02 U	0.02 U	0.02 U	0.02 U	0.002 U	0.002 U
ARSENIC	0.05	-	NA	159	0.002 UJ	0.057 J	0.004 U	0.028	0.004 UJ	0.014 J	0.0034 J	0.0144
BARIUM	2	2	NA	NA	0.008 B	0.052 B	0.01 U	0.11 U	0.01 U	0.03	0.0068 U	0.0145 U
BERYLLIUM	0	0.004	NA	NA	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U	0.00078 U	0.00078 U
CADMIUM	0.01	0.005	NA	NA	0.007	ND	0.01 U	0.01 U	0.01 U	0.01 U	0.0005 U	0.0005 U
CALCIUM	-	-	NA	NA	16.2	16.4	15	21	15	24	18.1	21
CHROMIUM	0.1	0.1	NA	ND	ND	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.0065 UJ	0.0065 UJ
COBALT	-	-	NA	NA	0.036 B	0.171	0.02 U	0.02 U	0.02 U	0.02 U	0.02	0.0391 U
COPPER	1.3	-	NA	160	ND	0.063	0.02 U	0.02 U	0.02 U	0.02 U	0.0038 UJ	0.0038 UJ
IRON	-	-	NA	NA	1.17	72.2	0.04 U	9.6	0.04 U	12	0.0071 UJ	6.670 J
LEAD	0.02	0.015	21.6 J	48.6	REJ	0.025 J	0.005 U	0.0015	0.005 U	0.005 U	0.0012 U	0.0049 U
MAGNESIUM	-	-	NA	NA	13	16.7	8.9	9.7	9.5	10	14	15.7
MANGANESE	-	-	NA	NA	0.721	3.1	0.01 U	0.25	0.01 U	0.19	0.356	0.716
MERCURY	0	0.002	NA	NA	ND	ND	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.00013 U	0.00013 U
NICKEL	0.14	0.1	NA	250	0.04	0.116	0.04 U	0.04 U	0.04 U	0.04 U	0.0252 J	0.0397 J
POTASSIUM	-	-	NA	NA	1.03 B	1.6 B	1 U	1	1 U	2	1.22	1.160 U
SELENIUM	0.05	0.05	NA	NA	0.002 UJ	ND	0.004 U	0.004 U	0.004 UJ	0.004 UJ	0.0034 U	0.0034 U
SILVER	-	-	NA	NA	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U	0.0018 U	0.0018 U
SODIUM	-	-	NA	NA	9.51	9.23	7.6	7.8	9.1	11	11.2	11.9
THALLIUM	0	0.002	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U	0.002 U	0.002 U
VANADIUM	-	-	NA	NA	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U	0.0105 J	0.0069 J
ZINC	-	-	NA	334	0.023	0.19	0.02	0.06	0.01	0.06	0.0304	0.05

PARAMETER	MCL	RIDEM GA	7/20/90	10/25/90	5/92	12/18/96	3/25/97	8/13/97
TPH	-	-	NA	NA	NA	1 U	1 U	1.1 U

NA=Not Analyzed
ND=Not Detected
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**=Concentration changed according to data validation

APPENDIX B-6

SUMMARY TABLES FOR HISTORICAL ANALYTICAL RESULTS

MONITORING WELL MW-86-2

Historical Analytical Results
MW-86-2
Tank 53 - Tank Farm 5
NETC Newport
Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	10/86	7/20/90	10/25/90	5/92	2/28/95	12/18/96	3/25/97
Acetone	-	-	NA	NA	3 JB	ND	10 U	10 U	34 U
Benzene	5	5	ND	NA	ND	ND	5 U	5 U	5 U
Bromochloromethane	-	-	NA	NA	NA	NA	NA	5 U	5 U
Bromodichloromethane	100	-	NA	NA	NA	NA	5 U	5 U	5 U
Bromoform	100	-	NA	NA	NA	NA	5 U	5 U	5 U
Bromomethane	-	-	NA	NA	NA	NA	10 U	10 U	10 U
Butanone(2-)	-	-	NA	NA	ND	NA	10 U	10 U	10 U
Carbon Disulfide	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Carbon Tetrachloride	5	5	NA	NA	NA	NA	5 U	5 U	5 U
Chlorobenzene	-	100	NA	NA	NA	NA	5 U	5 U	5 U
Chloroethane	-	-	NA	NA	NA	NA	10 U	10 U	10 U
Chloroform	100	-	10	NA	5	ND	5 U	5 U	5 U
Chloromethane	-	-	NA	NA	ND	NA	10 U	10 U	10 U
Dibromo-3-chloropropane(1,2-)	0.2	0.2	NA	NA	NA	NA	NA	5 U	5 U
Dibromochloromethane	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Dibromoethane(1,2-)	-	-	NA	NA	NA	NA	NA	5 U	5 U
Dichloroethane(1,1-)	-	-	2	NA	1 J	ND	7	5 U	5 U
Dichloroethane(1,2-)	5	5	ND	NA	NA	NA	5 U	5 U	5 U
Dichloroethene(1,1-)	7	7	NA	NA	ND	NA	5 U	5 U	5 U
Dichloroethene(1-2-) (Total)	-	-	NA	NA	12	ND	3 J	NA	NA
Dichloroethene(cis-1,2-)	70	70	NA	NA	NA	NA	NA	5 U	5 U
Dichloroethene(trans-1,2-)	100	100	NA	NA	NA	NA	NA	5 U	5 U
Dichloropropane(1,2-)	5	5	NA	NA	NA	NA	5 U	5 U	5 U
Dichloropropene(cis-1,3-)	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Dichloropropene(trans-1,3-)	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Ethylbenzene	700	700	ND	NA	ND	ND	5 U	5 U	5 U
Hexanone(2-)	-	-	NA	NA	NA	NA	10 U	10 U	10 U
Methyl-2-pentanone(4-)	-	-	NA	NA	NA	NA	10 U	10 U	10 U
Methylene Chloride	-	-	ND	NA	11 B	10 U**	5 U	5 U	5 U
Styrene	100	100	NA	NA	NA	NA	5 U	5 U	5 U
Tetrachloroethane(1,1,2,2-)	-	-	NA	NA	NA	NA	5 U	5 U	5 U
Tetrachloroethene	5	5	ND	NA	ND	ND	5 U	5 U	5 U
Toluene	1000	1000	ND	NA	ND	ND	5 U	5 U	5 U
Total Xylenes	10,000	10,000	ND	NA	ND	ND	5 U	5 U	5 U
Trichloroethane(1,1,1-)	200	200	5	NA	7	ND	2 J	5 U	5 U
Trichloroethane(1,1,2-)	5	5	NA	NA	NA	NA	5 U	5 U	5 U
Trichloroethene	5	5	1	NA	8	ND	3 J	5 U	5 U
Vinyl Chloride	2	2	NA	NA	ND	ND	10 U	10 U	10 U
Vinylacetate	-	-	NA	NA	NA	NA	NA	10 U	10 U

NA=Not Analyzed
ND=Not Detected
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**=Concentration changed according to data validation

Historical Analytical Results
MW-86-2
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	7/20/90	10/25/90	2/28/95	3/25/97
1,2,4-Trichlorobenzene	70	70	NA	NA	10 U	10 UJ
1,2-Dichlorobenzene	600	600	NA	NA	10 U	10 U
1,3-Dichlorobenzene	--	600	NA	NA	10 U	10 U
1,4-Dichlorobenzene	75	75	NA	NA	10 U	10 U
2,2'-Oxybis(1-chloropropane)	--	--	NA	NA	10 U	NA
2,4,5-Trichlorophenol	--	--	NA	NA	25 U	50 U
2,4,6-Trichlorophenol	--	--	NA	NA	10 U	10 U
2,4-Dichlorophenol	--	--	NA	NA	10 U	10 U
2,4-Dimethylphenol	--	--	NA	NA	10 U	10 U
2,4-Dinitrophenol	--	--	NA	NA	25 U	50 U
2,4-Dinitrotoluene	--	--	NA	NA	10 U	10 U
2,6-Dinitrotoluene	--	--	NA	NA	10 U	10 U
2-Chloronaphthalene	--	--	NA	NA	10 U	10 UJ
2-Chlorophenol	--	--	NA	NA	10 U	10 U
2-Methylnaphthalene	--	--	NA	ND	10 U	10 U
2-Methylphenol	--	--	NA	NA	10 U	10 U
2-Nitroaniline	--	--	NA	NA	25 U	50 U
2-Nitrophenol	--	--	NA	NA	10 U	10 U
3,3-Dichlorobenzidine	--	--	NA	NA	10 U	20 U
3-Methylphenol	--	--	NA	NA	NA	10 UJ
3-Nitroaniline	--	--	NA	NA	25 U	50 U
4,6-Dinitro-2-methylphenol	--	--	NA	NA	25 U	50 U
4-Bromophenyl-phenylether	--	--	NA	NA	10 U	10 U
4-Chloro-3-methyphenol	--	--	NA	NA	10 U	10 U
4-Chloroaniline	--	--	NA	NA	10 U	10 U
4-Chlorophenyl-phenyl ether	--	--	NA	NA	10 U	10 U
4-Methylphenol	--	--	NA	NA	10 U	10 UJ
4-Nitroaniline	--	--	NA	NA	25 U	50 U
4-Nitrophenol	--	--	NA	NA	25 U	50 U
Acenaphthene	--	--	NA	ND	10 U	10 U
Acenaphthylene	--	--	NA	NA	10 U	10 U
Anthracene	--	--	NA	NA	10 U	10 U
Benzo(a)anthracene	--	--	NA	NA	10 U	10 U
Benzo(a)pyrene	2	0.2	NA	NA	10 U	10 U
Benzo(b)fluoranthene	--	--	NA	NA	10 U	10 U
Benzo(g,h,i)Perylene	--	--	NA	NA	10 U	10 U
Benzo(k)fluoranthene	--	--	NA	NA	10 U	10 U
Bis(2-Chloroethoxy)Methane	--	--	NA	NA	10 U	10 U
Bis(2-Chloroethyl)ether	--	--	NA	NA	10 U	10 U
bis(2-Chloroisopropyl)ether	--	--	NA	NA	NA	10 U
bis(2-Ethylhexyl)phthalate	--	--	NA	ND	4 J	10 U
Butylbenzylphthalate	--	--	NA	NA	10 U	10 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Historical Analytical Results
MW-86-2
Tank 53 - Tank Farm 5
NETC Newport
Semi-Volatile Organic Compounds (ug/l)

PARAMETER	MCL	RIDEM GA	7/20/90	10/25/90	2/28/95	3/25/97
Carbazole	--	--	NA	NA	10 U	20 UJ
Chrysene	--	--	NA	NA	10 U	10 U
Di-N-Butylphthalate	--	--	NA	NA	10 U	10 U
Di-n-octylphthalate	--	--	NA	NA	10 U	10 U
Dibenzo(a,h)Anthracene	--	--	NA	NA	10 U	10 U
Dibenzofuran	--	--	NA	NA	10 U	10 U
Diethylphthalate	--	--	NA	NA	10 U	10 U
Dimethylphthalate	--	--	NA	NA	10 U	10 U
Fluoranthene	--	--	NA	NA	10 U	10 U
Fluorene	--	--	NA	ND	10 U	10 U
Hexachlorobenzene	1	1	NA	NA	10 U	10 U
Hexachlorobutadiene	--	--	NA	NA	10 U	10 U
Hexachlorocyclopentadiene	50	--	NA	NA	10 U	10 U
Hexachloroethane	--	--	NA	NA	10 U	10 U
Indeno(1,2,3-cd)pyrene	--	--	NA	NA	10 U	10 U
Isophorone	--	--	NA	NA	10 U	10 U
N-Nitroso-di-n-propylamine	--	--	NA	NA	10 U	10 U
N-Nitrosodiphenylamine	--	--	NA	NA	10 U	10 U
Naphthalene	--	20	NA	ND	10 U	10 U
Nitrobenzene	--	--	NA	NA	10 U	10 U
Pentachlorophenol	1	1	NA	NA	25 U	50 U
Phenanthrene	--	--	NA	ND	10 U	10 U
Phenol	--	--	NA	NA	10 U	10 U
Pyrene	--	--	NA	ND	10 U	10 U

NA=Not Analyzed
ND=Not Detected
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**=Concentration changed according to data validation

Historical Analytical Results
MW-86-2
Tank 53 - Tank Farm 5
NETC Newport
Pesticides/PCBs (ug/l)

PARAMETER	MCL	RIDEM GA	7/20/90	2/28/95	12/18/96	3/35/97
4,4'-DDD	--	--	NA	.1 U	.1 U	.1 U
4,4'-DDE	--	--	NA	.1 U	.1 U	.1 U
4,4'-DDT	--	--	NA	.1 U	.1 U	.1 U
Aldrin	--	--	NA	.05 U	.05 U	.05 U
alpha-BHC	--	--	NA	.05 U	.05 U	.05 U
alpha-Chlordane	2	2	NA	NA	.05 U	.05 U
beta-BHC	--	--	NA	.05 U	.05 U	.05 U
delta-BHC	--	--	NA	.05 U	.05 U	.05 U
Dieldrin	--	--	NA	.1 U	.1 U	.1 U
Endosulfan I	--	--	NA	.05 U	.05 UJ	.05 U
Endosulfan II	--	--	NA	.1 U	.1 U	.1 U
Endosulfan Sulfate	--	--	NA	.1 U	.1 U	.1 U
Endrin	2	--	NA	.1 U	.1 U	.1 U
Endrin Aldehyde	--	--	NA	.1 U	.01 U	.01 U
Endrin Ketone	--	--	NA	NA	.1 U	.1 U
gamma-BHC	--	--	NA	.05 U	.05 U	.05 U
gamma-Chlordane	2	2	NA	NA	.05 U	.05 U
Heptachlor	0.4	--	NA	.05 U	.05 U	.05 U
Heptachlor Epoxide	0.2	--	NA	.05 U	.05 U	.05 U
Methoxychlor	40	--	NA	.5 U	.5 U	.5 U
Toxaphene	3	--	NA	5 U	5 U	5 U
Aroclor-1016	0.5	0.5	NA	1 U	1 U	1 U
Aroclor-1221	0.5	0.5	NA	2 U	2 U	2 U
Aroclor-1232	0.5	0.5	NA	1 U	1 U	1 U
Aroclor-1242	0.5	0.5	NA	1 U	1 U	1 U
Aroclor-1248	0.5	0.5	NA	1 U	1 U	1 U
Aroclor-1254	0.5	0.5	NA	1 U	1 U	1 U
Aroclor-1260	0.5	0.5	NA	1 U	1 U	1 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation

Click here to go to Appendix B7

Historical Analytical Results
MW-86-2
Tank 53 - Tank Farm 5
NETC Newport
Metals/TPH (mg/l)

PARAMETER	MCL	RIDEM GA	7/20/90 (pb)	10/25/90	5/92 Filt	5/92	12/18/96 Filt	12/18/96 Tot	3/25/97 Filt	3/25/97 Tot
ALUMINUM	-	-	NA	NA	18.9	18.9	0.1 U	2.8	0.1 U	4.7
ANTIMONY	0.01	0.006	NA	NA	ND	NA	0.02 U	0.02 U	0.02 U	0.02 U
ARSENIC	0.05	-	NA	51.6	0.047	0.047	0.004 U	0.018	0.004 UJ	0.019 J
BARIUM	2	2	NA	NA	0.067 B	0.067	0.01 U	0.01	0.01 U	0.03
BERYLLIUM	0	0.004	NA	NA	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U
CADMIUM	0.01	0.005	NA	NA	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U
CALCIUM	-	-	NA	NA	25.3 J	25.3 J	35	36	27	26
CHROMIUM	0.1	0.1	NA	12.4	0.066	0.066	0.02 U	0.02 U	0.02 U	0.02 U
COBALT	-	-	NA	NA	0.102	0.102	0.02 U	0.02 U	0.02 U	0.03
COPPER	1.3	-	NA	91.2	0.076	0.076	0.02 U	0.02 U	0.02 U	0.02
IRON	-	-	NA	NA	94.6 J	94.6 J	0.04 U	8.9	0.04 U	16
LEAD	0.02	0.015	NA	36.2	0.053 J	0.053 J	0.005 U	0.009	0.005 U	0.007
MAGNESIUM	-	-	NA	NA	27.7 J	27.2 J	28	28	22	22
MANGANESE	-	-	NA	NA	4.38 J	4.38 J	0.14	0.35	0.03 J	0.86
MERCURY	0	0.002	NA	NA	0.00014 B	0.00014 B	0.0002 U	0.0002 U	0.0002 U	0.0002 U
NICKEL	0.14	0.1	NA	134	0.115	0.115	0.04 U	0.04 U	0.04 U	0.04J
POTASSIUM	-	-	NA	NA	2.86 B	2.86 B	3	3	2	4
SELENIUM	0.05	0.05	NA	NA	ND	ND	0.004 U	0.004 U	0.004 UJ	0.004 UJ
SILVER	-	-	NA	NA	ND	ND	0.01 U	0.01 U	0.01 U	0.01 U
SODIUM	-	-	NA	NA	15.1	15.1	19	18	16	17
THALLIUM	0	0.002	NA	NA	NA	NA	0.005 U	0.005 U	0.005 U	0.005 U
VANADIUM	-	-	NA	NA	ND	ND	0.01 U	0.01 U	0.01 U	0.01
ZINC	-	-	NA	331	0.255	0.255	0.03	0.07	0.01 U	0.11

PARAMETER	MCL	RIDEM GA	7/20/90	10/25/90	5/92	12/18/96	3/5/97
TPH	-	-	NA	NA	NA	1 U	1 U

NA=Not Analyzed
ND=Not Detected
*=Qualifier changed according to data validation
**=Concentration changed according to data validation