

ATTACHMENTS TO CHAPTER 10

This appendix presents Attachment 10-1 through 10-5 which supplement Chapter 10 – Data Conventions and Calculation of Limitations and Standards. Attachment 10-1 presents the results of data editing criteria. Attachment 10-2 provides facility-specific long-term averages and variability factors. Attachment 10-3 lists pollutant-specific long-term averages and variability factors. Attachment 10-4 presents the group variability factors, while Attachment 10-5 presents the final limitations.

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=1A -----

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
ARSENIC	7440-38-2	1987	03	83.90
ARSENIC	7440-38-2	4382	12	Failed Tests
ARSENIC	7440-38-2	4798	03	Failed Tests

----- Subcategory=Metals OPTION=3 -----

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
AMMONIA AS NITROGEN	7664-41-7	4378	09	13,375.00
AMMONIA AS NITROGEN	7664-41-7	4803	15	407.50
AMMONIA AS NITROGEN	7664-41-7	602	01	9,122.64
BIOCHEMICAL OXYGEN DEMAND	C-003	4378	09	123,625.00
BIOCHEMICAL OXYGEN DEMAND	C-003	4803	15	5,875.00
BIOCHEMICAL OXYGEN DEMAND	C-003	602	01	28,330.19
CHEMICAL OXYGEN DEMAND (COD)	C-004	4378	09	293,250.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	4803	15	103,875.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	602	01	108,801.39
CHLORIDE	16887-00-6	4803	15	2,243,750.00
FLUORIDE	16984-48-8	4378	09	Failed Tests
FLUORIDE	16984-48-8	4803	15	2,350.00
HEXAVALENT CHROMIUM	18540-29-9	4378	09	43.25
HEXAVALENT CHROMIUM	18540-29-9	4803	15	10.00
NITRATE/NITRITE	C-005	4378	09	15,697.50
NITRATE/NITRITE	C-005	4803	15	9,525.00
OIL & GREASE	C-007	4378	09	Failed Tests
OIL & GREASE	C-007	4803	16	Failed Tests
TOTAL CYANIDE	57-12-5	4378	09	Failed Tests
TOTAL CYANIDE	57-12-5	602	01	Failed Tests
TOTAL DISSOLVED SOLIDS	C-010	4803	15	18,112,500.00

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=3 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
TOTAL ORGANIC CARBON (TOC)	C-012	4378	09	115,350.00
TOTAL ORGANIC CARBON (TOC)	C-012	4803	15	10,000.00
TOTAL ORGANIC CARBON (TOC)	C-012	602	01	19,641.51
TOTAL PHENOLS	C-020	4378	09	Failed Tests
TOTAL PHENOLS	C-020	4803	15	Failed Tests
TOTAL PHENOLS	C-020	602	01	Failed Tests
TOTAL PHOSPHORUS	14265-44-2	4378	09	58,225.00
TOTAL PHOSPHORUS	14265-44-2	4803	15	406.25
TOTAL SULFIDE	18496-25-8	4378	09	49,850.00
TOTAL SULFIDE	18496-25-8	4803	15	Failed Tests
TOTAL SULFIDE	18496-25-8	602	01	55.85
TOTAL SUSPENDED SOLIDS	C-009	4378	09	22,750.00
TOTAL SUSPENDED SOLIDS	C-009	4803	15	9,250.00
TOTAL SUSPENDED SOLIDS	C-009	602	01	4,650.94
ALUMINUM	7429-90-5	4378	09	101.50
ALUMINUM	7429-90-5	4803	15	43.50
ANTIMONY	7440-36-0	4378	09	20.00
ANTIMONY	7440-36-0	4803	15	22.50
ARSENIC	7440-38-2	4378	09	10.27
ARSENIC	7440-38-2	4803	15	17.50
ARSENIC	7440-38-2	602	01	11.15
BERYLLIUM	7440-41-7	4378	09	1.00
BERYLLIUM	7440-41-7	4803	15	Failed Tests
BORON	7440-42-8	4378	09	7,290.00
BORON	7440-42-8	4803	15	Failed Tests
CADMIUM	7440-43-9	4378	09	81.93
CADMIUM	7440-43-9	4803	15	13.90
CADMIUM	7440-43-9	602	01	125.00
CALCIUM	7440-70-2	4378	09	205,833.33
CALCIUM	7440-70-2	4803	15	608,500.00
CHROMIUM	7440-47-3	4378	09	36.93
CHROMIUM	7440-47-3	4803	15	39.75
CHROMIUM	7440-47-3	602	01	179.62

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=3 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
COBALT	7440-48-4	4378	09	102.58
COBALT	7440-48-4	4803	15	12.25
COPPER	7440-50-8	4378	09	144.07
COPPER	7440-50-8	4803	15	194.00
GALLIUM	7440-55-3	4803	15	Failed Tests
INDIUM	7440-74-6	4803	15	500.00
IODINE	7553-56-2	4803	15	Failed Tests
IRIDIUM	7439-88-5	4803	15	Failed Tests
IRON	7439-89-6	4378	09	342.67
IRON	7439-89-6	4803	15	431.75
LANTHANUM	7439-91-0	4803	15	100.00
LEAD	7439-92-1	4378	09	50.00
LEAD	7439-92-1	4803	15	1,275.00
LEAD	7439-92-1	602	01	55.11
LITHIUM	7439-93-2	4803	15	Failed Tests
MAGNESIUM	7439-95-4	4378	09	1,393.33
MAGNESIUM	7439-95-4	4803	15	111.75
MANGANESE	7439-96-5	4378	09	11.62
MANGANESE	7439-96-5	4803	15	5.51
MANGANESE	7439-96-5	602	01	37.88
MERCURY	7439-97-6	4378	09	0.20
MERCURY	7439-97-6	4803	15	0.20
MOLYBDENUM	7439-98-7	4378	09	555.00
MOLYBDENUM	7439-98-7	4803	15	500.38
NICKEL	7440-02-0	4378	09	1,249.67
NICKEL	7440-02-0	4803	15	64.01
NICKEL	7440-02-0	602	01	254.84
OSMIUM	7440-04-2	4803	15	100.00
PHOSPHORUS	7723-14-0	4803	15	544.00
POTASSIUM	7440-09-7	4803	15	54,175.00
SELENIUM	7782-49-2	4378	09	Failed Tests
SELENIUM	7782-49-2	4803	15	56.25
SILICON	7440-21-3	4803	15	355.75

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=3 -----
 (continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
SILVER	7440-22-4	4378	09	4.00
SILVER	7440-22-4	4803	15	5.00
SODIUM	7440-23-5	4378	09	Failed Tests
SODIUM	7440-23-5	4803	15	5,776,250.00
STRONTIUM	7440-24-6	4803	15	Failed Tests
SULFUR	7704-34-9	4803	15	2,820,000.00
TANTALUM	7440-25-7	4803	15	Failed Tests
TELLURIUM	13494-80-9	4803	15	Failed Tests
THALLIUM	7440-28-0	4378	09	21.60
THALLIUM	7440-28-0	4803	15	19.98
TIN	7440-31-5	4378	09	28.00
TIN	7440-31-5	4803	15	28.50
TITANIUM	7440-32-6	4378	09	3.00
TITANIUM	7440-32-6	4803	15	4.00
VANADIUM	7440-62-2	4378	09	11.00
VANADIUM	7440-62-2	4803	15	11.00
YTTRIUM	7440-65-5	4378	09	2.00
YTTRIUM	7440-65-5	4803	15	5.00
ZINC	7440-66-6	4378	09	174.43
ZINC	7440-66-6	4803	15	238.00
ZIRCONIUM	7440-67-7	4803	15	Failed Tests
BENZOIC ACID	65-85-0	4378	09	Failed Tests
BENZOIC ACID	65-85-0	4803	16	Failed Tests
BENZYL ALCOHOL	100-51-6	4378	09	Failed Tests
BENZYL ALCOHOL	100-51-6	4803	16	Failed Tests
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	4378	09	Failed Tests
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	4803	16	Failed Tests
CARBON DISULFIDE	75-15-0	4378	09	10.00
CARBON DISULFIDE	75-15-0	4803	16	Failed Tests
CHLOROFORM	67-66-3	4378	09	Failed Tests
CHLOROFORM	67-66-3	4803	16	Failed Tests
DIBROMOCHLOROMETHANE	124-48-1	4378	09	Failed Tests

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=3 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
DIBROMOCHLOROMETHANE	124-48-1	4803	16	Failed Tests
HEXANOIC ACID	142-62-1	4378	09	Failed Tests
HEXANOIC ACID	142-62-1	4803	16	Failed Tests
M-XYLENE	108-38-3	4378	09	Failed Tests
M-XYLENE	108-38-3	4803	16	Failed Tests
METHYLENE CHLORIDE	75-09-2	4378	09	Failed Tests
METHYLENE CHLORIDE	75-09-2	4803	16	Failed Tests
N,N-DIMETHYLFORMAMIDE	68-12-2	4378	09	Failed Tests
N,N-DIMETHYLFORMAMIDE	68-12-2	4803	16	Failed Tests
PHENOL	108-95-2	4378	09	Failed Tests
PHENOL	108-95-2	4803	16	Failed Tests
PYRIDINE	110-86-1	4378	09	Failed Tests
PYRIDINE	110-86-1	4803	16	Failed Tests
TOLUENE	108-88-3	4378	09	Failed Tests
TOLUENE	108-88-3	4803	16	Failed Tests
TRICHLOROETHENE	79-01-6	4378	09	Failed Tests
TRICHLOROETHENE	79-01-6	4803	16	Failed Tests
1,1,1-TRICHLOROETHANE	71-55-6	4378	09	Failed Tests
1,1,1-TRICHLOROETHANE	71-55-6	4803	16	Failed Tests
1,1-DICHLOROETHENE	75-35-4	4378	09	Failed Tests
1,1-DICHLOROETHENE	75-35-4	4803	16	Failed Tests
1,4-DIOXANE	123-91-1	4378	09	Failed Tests
1,4-DIOXANE	123-91-1	4803	16	Failed Tests
2-BUTANONE	78-93-3	4378	09	Failed Tests
2-BUTANONE	78-93-3	4803	16	Failed Tests
2-PROPANONE	67-64-1	4378	09	Failed Tests
2-PROPANONE	67-64-1	4803	16	Failed Tests
4-METHYL-2-PENTANONE	108-10-1	4378	09	Failed Tests
4-METHYL-2-PENTANONE	108-10-1	4803	16	Failed Tests

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=4 -----

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
AMMONIA AS NITROGEN	7664-41-7	4798	05	15,630.00
BIOCHEMICAL OXYGEN DEMAND	C-003	4798	05	166,000.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	4798	05	1,333,333.33
CHLORIDE	16887-00-6	4798	05	18,000,000.00
FLUORIDE	16984-48-8	4798	05	66,266.67
HEXAVALENT CHROMIUM	18540-29-9	4798	05	800.00
NITRATE/NITRITE	C-005	4798	05	531,666.67
OIL & GREASE	C-007	4798	05	7,398.06
TOTAL CYANIDE	57-12-5	4798	05	20.00
TOTAL DISSOLVED SOLIDS	C-010	4798	05	42,566,666.67
TOTAL ORGANIC CARBON (TOC)	C-012	4798	05	236,333.33
TOTAL PHENOLS	C-020	4798	05	Failed Tests
TOTAL PHOSPHORUS	14265-44-2	4798	05	25,766.67
TOTAL SULFIDE	18496-25-8	4798	05	Failed Tests
TOTAL SUSPENDED SOLIDS	C-009	4798	05	166,666.67
ALUMINUM	7429-90-5	4798	05	856.33
ANTIMONY	7440-36-0	4798	05	170.00
ARSENIC	7440-38-2	4798	05	Failed Tests
BERYLLIUM	7440-41-7	4798	05	Failed Tests
BORON	7440-42-8	4798	05	8,403.33
CADMIUM	7440-43-9	4798	05	29.73
CALCIUM	7440-70-2	4798	05	20,000.00
CHROMIUM	7440-47-3	4798	05	661.00
COBALT	7440-48-4	4798	05	114.50
COPPER	7440-50-8	4798	05	413.67
GALLIUM	7440-55-3	4798	05	Failed Tests
INDIUM	7440-74-6	4798	05	Failed Tests
IODINE	7553-56-2	4798	05	Failed Tests
IRIDIUM	7439-88-5	4798	05	500.00
IRON	7439-89-6	4798	05	8,223.33

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=4 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
LANTHANUM	7439-91-0	4798	05	Failed Tests
LEAD	7439-92-1	4798	05	54.70
LITHIUM	7439-93-2	4798	05	1,926.67
MAGNESIUM	7439-95-4	4798	05	Failed Tests
MANGANESE	7439-96-5	4798	05	48.70
MERCURY	7439-97-6	4798	05	1.67
MOLYBDENUM	7439-98-7	4798	05	1,746.67
NICKEL	7440-02-0	4798	05	1,013.33
OSMIUM	7440-04-2	4798	05	Failed Tests
PHOSPHORUS	7723-14-0	4798	05	24,200.00
POTASSIUM	7440-09-7	4798	05	410,000.00
SELENIUM	7782-49-2	4798	05	115.00
SILICON	7440-21-3	4798	05	1,446.67
SILVER	7440-22-4	4798	05	18.60
SODIUM	7440-23-5	4798	05	15,100,000.00
STRONTIUM	7440-24-6	4798	05	100.00
SULFUR	7704-34-9	4798	05	1,214,000.00
TANTALUM	7440-25-7	4798	05	Failed Tests
TELLURIUM	13494-80-9	4798	05	Failed Tests
THALLIUM	7440-28-0	4798	05	Failed Tests
TIN	7440-31-5	4798	05	89.77
TITANIUM	7440-32-6	4798	05	56.87
VANADIUM	7440-62-2	4798	05	11.93
YTTRIUM	7440-65-5	4798	05	5.00
ZINC	7440-66-6	4798	05	462.33
ZIRCONIUM	7440-67-7	4798	05	1,286.67
BENZOIC ACID	65-85-0	4798	05	3,521.67
BENZYL ALCOHOL	100-51-6	4798	05	Failed Tests
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4798	05	Failed Tests
CARBON DISULFIDE	75-15-0	4798	05	Failed Tests
CHLOROFORM	67-66-3	4798	05	215.35

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Metals OPTION=4 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
DIBROMOCHLOROMETHANE	124-48-1	4798	05	102.05
HEXANOIC ACID	142-62-1	4798	05	Failed Tests
M-XYLENE	108-38-3	4798	05	Failed Tests
METHYLENE CHLORIDE	75-09-2	4798	05	Failed Tests
N,N-DIMETHYLFORMAMIDE	68-12-2	4798	05	68.13
PHENOL	108-95-2	4798	05	Failed Tests
PYRIDINE	110-86-1	4798	05	86.97
TOLUENE	108-88-3	4798	05	Failed Tests
TRICHLOROETHENE	79-01-6	4798	05	101.09
1,1,1-TRICHLOROETHANE	71-55-6	4798	05	Failed Tests
1,1-DICHLOROETHENE	75-35-4	4798	05	Failed Tests
1,4-DIOXANE	123-91-1	4798	05	Failed Tests
2-BUTANONE	78-93-3	4798	05	1,272.48
2-PROPANONE	67-64-1	4798	05	13,081.47
4-METHYL-2-PENTANONE	108-10-1	4798	05	Failed Tests

----- Subcategory=Metals OPTION=cyanide 2 -----

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
TOTAL CYANIDE	57-12-5	4055	03	135,661.11

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
AMMONIA AS NITROGEN	7664-41-7	4814A	09	77,750.00
AMMONIA AS NITROGEN	7664-41-7	4814B	10	291,000.00
BIOCHEMICAL OXYGEN DEMAND	C-003	4814A	09	5,947,500.00
BIOCHEMICAL OXYGEN DEMAND	C-003	4814B	10	9,295,000.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	4814A	09	11,725,000.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	4814B	10	23,766,666.67
CHLORIDE	16887-00-6	4814A	09	1,568,750.00
CHLORIDE	16887-00-6	4814B	10	Failed Tests
FLUORIDE	16984-48-8	4814A	09	36,250.00
FLUORIDE	16984-48-8	4814B	10	Failed Tests
NITRATE/NITRITE	C-005	4814A	09	20,750.00
NITRATE/NITRITE	C-005	4814B	10	71,666.67
OIL & GREASE	C-007	4814A	09	226,829.17
OIL & GREASE	C-007	4814B	10	822,333.33
SGT-HEM	C-037	4814A	09	41,991.67
SGT-HEM	C-037	4814B	10	243,616.67
TOTAL CYANIDE	57-12-5	4814A	09	105.00
TOTAL CYANIDE	57-12-5	4814B	10	Failed Tests
TOTAL DISSOLVED SOLIDS	C-010	4814A	09	Failed Tests
TOTAL DISSOLVED SOLIDS	C-010	4814B	10	Failed Tests
TOTAL ORGANIC CARBON (TOC)	C-012	4814A	09	3,433,750.00
TOTAL ORGANIC CARBON (TOC)	C-012	4814B	10	Failed Tests
TOTAL PHENOLS	C-020	4814A	09	15,522.50
TOTAL PHENOLS	C-020	4814B	10	20,160.00
TOTAL PHOSPHORUS	14265-44-2	4814A	09	42,698.75
TOTAL PHOSPHORUS	14265-44-2	4814B	10	31,356.67
TOTAL SUSPENDED SOLIDS	C-009	4814A	09	549,375.00
TOTAL SUSPENDED SOLIDS	C-009	4814B	10	608,666.67

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
ALUMINUM	7429-90-5	4814A	09	14,072.50
ALUMINUM	7429-90-5	4814B	10	Failed Tests
ANTIMONY	7440-36-0	4814A	09	103.06
ANTIMONY	7440-36-0	4814B	10	Failed Tests
ARSENIC	7440-38-2	4814A	09	1,341.00
ARSENIC	7440-38-2	4814B	10	237.67
BARIUM	7440-39-3	4814A	09	220.50
BARIUM	7440-39-3	4814B	10	Failed Tests
BORON	7440-42-8	4814A	09	22,462.50
BORON	7440-42-8	4814B	10	Failed Tests
CADMIUM	7440-43-9	4814A	09	7.33
CADMIUM	7440-43-9	4814B	10	7.59
CALCIUM	7440-70-2	4814A	09	173,375.00
CALCIUM	7440-70-2	4814B	10	172,200.00
CHROMIUM	7440-47-3	4814A	09	183.13
CHROMIUM	7440-47-3	4814B	10	463.67
COBALT	7440-48-4	4814A	09	1,090.75
COBALT	7440-48-4	4814B	10	13,743.33
COPPER	7440-50-8	4814A	09	68.66
COPPER	7440-50-8	4814B	10	444.67
GERMANIUM	7440-56-4	4814A	09	Failed Tests
GERMANIUM	7440-56-4	4814B	10	Failed Tests
IRON	7439-89-6	4814A	09	83,450.00
IRON	7439-89-6	4814B	10	23,283.33
LEAD	7439-92-1	4814A	09	59.73
LEAD	7439-92-1	4814B	10	237.67
LUTETIUM	7439-94-3	4814A	09	Failed Tests
LUTETIUM	7439-94-3	4814B	10	Failed Tests
MAGNESIUM	7439-95-4	4814A	09	62,900.00
MAGNESIUM	7439-95-4	4814B	10	Failed Tests
MANGANESE	7439-96-5	4814A	09	3,811.25
MANGANESE	7439-96-5	4814B	10	7,001.67

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
MERCURY	7439-97-6	4814A	09	3.05
MERCURY	7439-97-6	4814B	10	3.12
MOLYBDENUM	7439-98-7	4814A	09	1,542.75
MOLYBDENUM	7439-98-7	4814B	10	Failed Tests
NICKEL	7440-02-0	4814A	09	1,241.50
NICKEL	7440-02-0	4814B	10	1,706.33
PHOSPHORUS	7723-14-0	4814A	09	30,657.50
PHOSPHORUS	7723-14-0	4814B	10	59,266.67
POTASSIUM	7440-09-7	4814A	09	486,000.00
POTASSIUM	7440-09-7	4814B	10	337,500.00
SELENIUM	7782-49-2	4814A	09	107.49
SELENIUM	7782-49-2	4814B	10	Failed Tests
SILICON	7440-21-3	4814A	09	21,150.00
SILICON	7440-21-3	4814B	10	16,850.00
SILVER	7440-22-4	4814A	09	Failed Tests
SILVER	7440-22-4	4814B	10	Failed Tests
SODIUM	7440-23-5	4814A	09	Failed Tests
SODIUM	7440-23-5	4814B	10	Failed Tests
STRONTIUM	7440-24-6	4814A	09	812.25
STRONTIUM	7440-24-6	4814B	10	737.00
SULFUR	7704-34-9	4814A	09	Failed Tests
SULFUR	7704-34-9	4814B	10	Failed Tests
TANTALUM	7440-25-7	4814A	09	Failed Tests
TANTALUM	7440-25-7	4814B	10	Failed Tests
TIN	7440-31-5	4814A	09	30.78
TIN	7440-31-5	4814B	10	183.17
TITANIUM	7440-32-6	4814A	09	13.64
TITANIUM	7440-32-6	4814B	10	29.82
ZINC	7440-66-6	4814A	09	3,138.75
ZINC	7440-66-6	4814B	10	3,758.33

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
ACENAPHTHENE	83-32-9	4814A	09	Failed Tests
ACENAPHTHENE	83-32-9	4814B	10	137.27
ALPHA-TERPINEOL	98-55-5	4814A	09	Failed Tests
ALPHA-TERPINEOL	98-55-5	4814B	10	48.33
ANILINE	62-53-3	4814A	09	Failed Tests
ANILINE	62-53-3	4814B	10	Failed Tests
ANTHRACENE	120-12-7	4814A	09	Failed Tests
ANTHRACENE	120-12-7	4814B	10	164.27
BENZENE	71-43-2	4814A	09	511.39
BENZENE	71-43-2	4814B	10	1,606.23
BENZO(A)ANTHRACENE	56-55-3	4814A	09	Failed Tests
BENZO(A)ANTHRACENE	56-55-3	4814B	10	106.76
BENZOIC ACID	65-85-0	4814A	09	25,581.42
BENZOIC ACID	65-85-0	4814B	10	Failed Tests
BENZYL ALCOHOL	100-51-6	4814A	09	Failed Tests
BENZYL ALCOHOL	100-51-6	4814B	10	Failed Tests
BIPHENYL	92-52-4	4814A	09	16.71
BIPHENYL	92-52-4	4814B	10	135.71
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4814A	09	Failed Tests
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4814B	10	115.74
BUTYL BENZYL PHTHALATE	85-68-7	4814A	09	Failed Tests
BUTYL BENZYL PHTHALATE	85-68-7	4814B	10	54.98
CARBAZOLE	86-74-8	4814A	09	Failed Tests
CARBAZOLE	86-74-8	4814B	10	151.45
CARBON DISULFIDE	75-15-0	4814A	09	28.11
CARBON DISULFIDE	75-15-0	4814B	10	Failed Tests
CHLOROBENZENE	108-90-7	4814A	09	52.31
CHLOROBENZENE	108-90-7	4814B	10	122.66
CHLOROFORM	67-66-3	4814A	09	216.34
CHLOROFORM	67-66-3	4814B	10	541.84

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
CHRYSENE	218-01-9	4814A	09	Failed Tests
CHRYSENE	218-01-9	4814B	10	79.43
DIBENZOFURAN	132-64-9	4814A	09	Failed Tests
DIBENZOFURAN	132-64-9	4814B	10	135.25
DIBENZOTHIOPHENE	132-65-0	4814A	09	Failed Tests
DIBENZOTHIOPHENE	132-65-0	4814B	10	95.76
DIETHYL PHTHALATE	84-66-2	4814A	09	1,410.97
DIETHYL PHTHALATE	84-66-2	4814B	10	107.30
DIPHENYL ETHER	101-84-8	4814A	09	Failed Tests
DIPHENYL ETHER	101-84-8	4814B	10	Failed Tests
ETHYLBENZENE	100-41-4	4814A	09	273.78
ETHYLBENZENE	100-41-4	4814B	10	1,668.81
FLUORANTHENE	206-44-0	4814A	09	17.29
FLUORANTHENE	206-44-0	4814B	10	489.45
FLUORENE	86-73-7	4814A	09	Failed Tests
FLUORENE	86-73-7	4814B	10	243.11
HEXANOIC ACID	142-62-1	4814A	09	9,253.62
HEXANOIC ACID	142-62-1	4814B	10	Failed Tests
M+P XYLENE	179601-23-1	4814A	09	422.95
M+P XYLENE	179601-23-1	4814B	10	Failed Tests
M-XYLENE	108-38-3	4814A	09	Failed Tests
M-XYLENE	108-38-3	4814B	10	1,520.33
METHYLENE CHLORIDE	75-09-2	4814A	09	3,252.49
METHYLENE CHLORIDE	75-09-2	4814B	10	5,231.57
N,N-DIMETHYLFORMAMIDE	68-12-2	4814A	09	Failed Tests
N,N-DIMETHYLFORMAMIDE	68-12-2	4814B	10	Failed Tests
N-DECANE	124-18-5	4814A	09	16.25
N-DECANE	124-18-5	4814B	10	4,723.68
N-DOCOSANE	629-97-0	4814A	09	20.77
N-DOCOSANE	629-97-0	4814B	10	129.88
N-DODECANE	112-40-3	4814A	09	16.25
N-DODECANE	112-40-3	4814B	10	7,653.43

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----
 (continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
N-EICOSANE	112-95-8	4814A	09	51.76
N-EICOSANE	112-95-8	4814B	10	1,179.76
N-HEXACOSANE	630-01-3	4814A	09	Failed Tests
N-HEXACOSANE	630-01-3	4814B	10	Failed Tests
N-HEXADECANE	544-76-3	4814A	09	135.73
N-HEXADECANE	544-76-3	4814B	10	2,637.67
N-OCTACOSANE	630-02-4	4814A	09	Failed Tests
N-OCTACOSANE	630-02-4	4814B	10	Failed Tests
N-OCTADECANE	593-45-3	4814A	09	113.89
N-OCTADECANE	593-45-3	4814B	10	1,471.36
N-TETRACOSANE	646-31-1	4814A	09	Failed Tests
N-TETRACOSANE	646-31-1	4814B	10	Failed Tests
N-TETRADECANE	629-59-4	4814A	09	337.09
N-TETRADECANE	629-59-4	4814B	10	3,303.90
NAPHTHALENE	91-20-3	4814A	09	200.65
NAPHTHALENE	91-20-3	4814B	10	1,827.82
O+P XYLENE	136777-61-2	4814A	09	Failed Tests
O+P XYLENE	136777-61-2	4814B	10	1,873.00
O-CRESOL	95-48-7	4814A	09	Failed Tests
O-CRESOL	95-48-7	4814B	10	Failed Tests
O-TOLUIDINE	95-53-4	4814A	09	Failed Tests
O-TOLUIDINE	95-53-4	4814B	10	Failed Tests
O-XYLENE	95-47-6	4814A	09	268.52
O-XYLENE	95-47-6	4814B	10	Failed Tests
P-CRESOL	106-44-5	4814A	09	Failed Tests
P-CRESOL	106-44-5	4814B	10	630.49
P-CYMENE	99-87-6	4814A	09	16.25
P-CYMENE	99-87-6	4814B	10	94.93
PENTAMETHYLBENZENE	700-12-9	4814A	09	Failed Tests
PENTAMETHYLBENZENE	700-12-9	4814B	10	48.33
PHENANTHRENE	85-01-8	4814A	09	57.39
PHENANTHRENE	85-01-8	4814B	10	1,242.05

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----
 (continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
PHENOL	108-95-2	4814A	09	Failed Tests
PHENOL	108-95-2	4814B	10	Failed Tests
PYRENE	129-00-0	4814A	09	18.03
PYRENE	129-00-0	4814B	10	245.51
PYRIDINE	110-86-1	4814A	09	624.78
PYRIDINE	110-86-1	4814B	10	Failed Tests
STYRENE	100-42-5	4814A	09	16.25
STYRENE	100-42-5	4814B	10	97.73
TETRACHLOROETHENE	127-18-4	4814A	09	280.34
TETRACHLOROETHENE	127-18-4	4814B	10	670.57
TOLUENE	108-88-3	4814A	09	3,613.18
TOLUENE	108-88-3	4814B	10	8,596.18
TRICHLOROETHENE	79-01-6	4814A	09	194.60
TRICHLOROETHENE	79-01-6	4814B	10	1,144.63
TRIPROPYLENEGLYCOL METHYL ETHER	20324-33-8	4814A	09	Failed Tests
TRIPROPYLENEGLYCOL METHYL ETHER	20324-33-8	4814B	10	478.50
1,1,1-TRICHLOROETHANE	71-55-6	4814A	09	107.30
1,1,1-TRICHLOROETHANE	71-55-6	4814B	10	218.27
1,1-DICHLOROETHENE	75-35-4	4814A	09	59.16
1,1-DICHLOROETHENE	75-35-4	4814B	10	379.80
1,2,4-TRICHLOROBENZENE	120-82-1	4814A	09	130.07
1,2,4-TRICHLOROBENZENE	120-82-1	4814B	10	104.83
1,2-DICHLOROBENZENE	95-50-1	4814A	09	Failed Tests
1,2-DICHLOROBENZENE	95-50-1	4814B	10	48.33
1,2-DICHLOROETHANE	107-06-2	4814A	09	185.67
1,2-DICHLOROETHANE	107-06-2	4814B	10	359.46
1,4-DICHLOROBENZENE	106-46-7	4814A	09	34.66
1,4-DICHLOROBENZENE	106-46-7	4814B	10	140.03
1,4-DIOXANE	123-91-1	4814A	09	Failed Tests
1,4-DIOXANE	123-91-1	4814B	10	Failed Tests
1-METHYLFLUORENE	1730-37-6	4814A	09	Failed Tests
1-METHYLFLUORENE	1730-37-6	4814B	10	48.33

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=8 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
1-METHYLPHENANTHRENE	832-69-9	4814A	09	Failed Tests
1-METHYLPHENANTHRENE	832-69-9	4814B	10	76.32
2,3-BENZOFUORENE	243-17-4	4814A	09	Failed Tests
2,3-BENZOFUORENE	243-17-4	4814B	10	Failed Tests
2,4-DIMETHYLPHENOL	105-67-9	4814A	09	Failed Tests
2,4-DIMETHYLPHENOL	105-67-9	4814B	10	Failed Tests
2-BUTANONE	78-93-3	4814A	09	11,390.45
2-BUTANONE	78-93-3	4814B	10	Failed Tests
2-ISOPROPYLNAPHTHALENE	2027-17-0	4814A	09	Failed Tests
2-ISOPROPYLNAPHTHALENE	2027-17-0	4814B	10	Failed Tests
2-METHYLNAPHTHALENE	91-57-6	4814A	09	160.58
2-METHYLNAPHTHALENE	91-57-6	4814B	10	2,919.45
2-PROPANONE	67-64-1	4814A	09	Failed Tests
2-PROPANONE	67-64-1	4814B	10	Failed Tests
3,6-DIMETHYLPHENANTHRENE	1576-67-6	4814A	09	Failed Tests
3,6-DIMETHYLPHENANTHRENE	1576-67-6	4814B	10	Failed Tests
4-CHLORO-3-METHYLPHENOL	59-50-7	4814A	09	Failed Tests
4-CHLORO-3-METHYLPHENOL	59-50-7	4814B	10	Failed Tests
4-METHYL-2-PENTANONE	108-10-1	4814A	09	9,071.13
4-METHYL-2-PENTANONE	108-10-1	4814B	10	6,624.87

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9¹ -----

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
AMMONIA AS NITROGEN	7664-41-7	4813	07	97,222.00
AMMONIA AS NITROGEN	7664-41-7	4814A	09	77,750.00
AMMONIA AS NITROGEN	7664-41-7	4814B	10	291,000.00
BIOCHEMICAL OXYGEN DEMAND	C-003	4813	07	14,708,000.00
BIOCHEMICAL OXYGEN DEMAND	C-003	4814A	09	5,947,500.00
BIOCHEMICAL OXYGEN DEMAND	C-003	4814B	10	9,295,000.00
BIOCHEMICAL OXYGEN DEMAND	C-003	651	01	5,500,000.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	4813	07	20,490,000.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	4814A	09	11,725,000.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	4814B	10	23,766,666.67
CHLORIDE	16887-00-6	4813	07	Failed Tests
CHLORIDE	16887-00-6	4814A	09	1,568,750.00
CHLORIDE	16887-00-6	4814B	10	Failed Tests
FLUORIDE	16984-48-8	4813	07	Failed Tests
FLUORIDE	16984-48-8	4814A	09	36,250.00
FLUORIDE	16984-48-8	4814B	10	Failed Tests
NITRATE/NITRITE	C-005	4813	07	703.00
NITRATE/NITRITE	C-005	4814A	09	20,750.00
NITRATE/NITRITE	C-005	4814B	10	71,666.67
OIL & GREASE	C-007	651	01	28,325.00
SGT-HEM	C-037	4813	07	42,528.33
SGT-HEM	C-037	4814A	09	41,991.67
SGT-HEM	C-037	4814B	10	243,616.67
TOTAL CYANIDE	57-12-5	4813	07	Failed Tests
TOTAL CYANIDE	57-12-5	4814A	09	105.00
TOTAL CYANIDE	57-12-5	4814B	10	Failed Tests
TOTAL CYANIDE	57-12-5	651	01	No Influent Data
TOTAL DISSOLVED SOLIDS	C-010	4813	07	Failed Tests
TOTAL DISSOLVED SOLIDS	C-010	4814A	09	Failed Tests
TOTAL DISSOLVED SOLIDS	C-010	4814B	10	Failed Tests

¹ See Appendix C for pollutants for which facility 651 had influent measurements, but no effluent measurements.

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
 (continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
TOTAL ORGANIC CARBON (TOC)	C-012	4813	07	7,724,000.00
TOTAL ORGANIC CARBON (TOC)	C-012	4814A	09	3,433,750.00
TOTAL ORGANIC CARBON (TOC)	C-012	4814B	10	Failed Tests
TOTAL PHENOLS	C-020	4813	07	40,076.00
TOTAL PHENOLS	C-020	4814A	09	15,522.50
TOTAL PHENOLS	C-020	4814B	10	20,160.00
TOTAL PHENOLS	C-020	651	01	No Influent Data
TOTAL PHOSPHORUS	14265-44-2	4813	07	3,357.00
TOTAL PHOSPHORUS	14265-44-2	4814A	09	42,698.75
TOTAL PHOSPHORUS	14265-44-2	4814B	10	31,356.67
TOTAL SUSPENDED SOLIDS	C-009	4813	07	Failed Tests
TOTAL SUSPENDED SOLIDS	C-009	4814A	09	549,375.00
TOTAL SUSPENDED SOLIDS	C-009	4814B	10	608,666.67
TOTAL SUSPENDED SOLIDS	C-009	651	01	25,500.00
ALUMINUM	7429-90-5	4814A	09	14,072.50
ALUMINUM	7429-90-5	4814B	10	Failed Tests
ANTIMONY	7440-36-0	4814A	09	103.06
ANTIMONY	7440-36-0	4814B	10	Failed Tests
ARSENIC	7440-38-2	4814A	09	1,341.00
ARSENIC	7440-38-2	4814B	10	237.67
BARIUM	7440-39-3	4814A	09	220.50
BARIUM	7440-39-3	4814B	10	Failed Tests
BORON	7440-42-8	4814A	09	22,462.50
BORON	7440-42-8	4814B	10	Failed Tests
CADMIUM	7440-43-9	4814A	09	7.33
CADMIUM	7440-43-9	4814B	10	7.59
CADMIUM	7440-43-9	651	01	Failed Tests
CALCIUM	7440-70-2	4814A	09	173,375.00
CALCIUM	7440-70-2	4814B	10	172,200.00
CHROMIUM	7440-47-3	4814A	09	183.13
CHROMIUM	7440-47-3	4814B	10	463.67
CHROMIUM	7440-47-3	651	01	18.92

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
 (continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
COBALT	7440-48-4	4814A	09	1,090.75
COBALT	7440-48-4	4814B	10	13,743.33
COPPER	7440-50-8	4814A	09	68.66
COPPER	7440-50-8	4814B	10	444.67
COPPER	7440-50-8	651	01	156.75
GERMANIUM	7440-56-4	4814A	09	Failed Tests
GERMANIUM	7440-56-4	4814B	10	Failed Tests
IRON	7439-89-6	4814A	09	83,450.00
IRON	7439-89-6	4814B	10	23,283.33
LEAD	7439-92-1	4814A	09	59.73
LEAD	7439-92-1	4814B	10	237.67
LEAD	7439-92-1	651	01	98.58
LUTETIUM	7439-94-3	4814A	09	Failed Tests
LUTETIUM	7439-94-3	4814B	10	Failed Tests
MAGNESIUM	7439-95-4	4814A	09	62,900.00
MAGNESIUM	7439-95-4	4814B	10	Failed Tests
MANGANESE	7439-96-5	4814A	09	3,811.25
MANGANESE	7439-96-5	4814B	10	7,001.67
MERCURY	7439-97-6	4814A	09	3.05
MERCURY	7439-97-6	4814B	10	3.12
MERCURY	7439-97-6	651	01	Failed Tests
MOLYBDENUM	7439-98-7	4814A	09	1,542.75
MOLYBDENUM	7439-98-7	4814B	10	Failed Tests
NICKEL	7440-02-0	4814A	09	1,241.50
NICKEL	7440-02-0	4814B	10	1,706.33
PHOSPHORUS	7723-14-0	4814A	09	30,657.50
PHOSPHORUS	7723-14-0	4814B	10	59,266.67
POTASSIUM	7440-09-7	4814A	09	486,000.00
POTASSIUM	7440-09-7	4814B	10	337,500.00
SELENIUM	7782-49-2	4814A	09	107.49
SELENIUM	7782-49-2	4814B	10	Failed Tests
SILICON	7440-21-3	4814A	09	21,150.00
SILICON	7440-21-3	4814B	10	16,850.00

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
SILVER	7440-22-4	4814A	09	Failed Tests
SILVER	7440-22-4	4814B	10	Failed Tests
SODIUM	7440-23-5	4814A	09	Failed Tests
SODIUM	7440-23-5	4814B	10	Failed Tests
STRONTIUM	7440-24-6	4814A	09	812.25
STRONTIUM	7440-24-6	4814B	10	737.00
SULFUR	7704-34-9	4814A	09	Failed Tests
SULFUR	7704-34-9	4814B	10	Failed Tests
TANTALUM	7440-25-7	4814A	09	Failed Tests
TANTALUM	7440-25-7	4814B	10	Failed Tests
TIN	7440-31-5	4814A	09	30.78
TIN	7440-31-5	4814B	10	183.17
TITANIUM	7440-32-6	4814A	09	13.64
TITANIUM	7440-32-6	4814B	10	29.82
ZINC	7440-66-6	4814A	09	3,138.75
ZINC	7440-66-6	4814B	10	3,758.33
ZINC	7440-66-6	651	01	920.83
ACENAPHTHENE	83-32-9	4813	07	Failed Tests
ACENAPHTHENE	83-32-9	4814A	09	Failed Tests
ACENAPHTHENE	83-32-9	4814B	10	137.27
ALPHA-TERPINEOL	98-55-5	4813	07	Failed Tests
ALPHA-TERPINEOL	98-55-5	4814A	09	Failed Tests
ALPHA-TERPINEOL	98-55-5	4814B	10	48.33
ANILINE	62-53-3	4813	07	Failed Tests
ANILINE	62-53-3	4814A	09	Failed Tests
ANILINE	62-53-3	4814B	10	Failed Tests
ANTHRACENE	120-12-7	4813	07	17.15
ANTHRACENE	120-12-7	4814A	09	Failed Tests
ANTHRACENE	120-12-7	4814B	10	164.27
BENZENE	71-43-2	4813	07	Failed Tests
BENZENE	71-43-2	4814A	09	511.39
BENZENE	71-43-2	4814B	10	1,606.23
BENZENE	71-43-2	651	01	No Influent Data

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
BENZO(A)ANTHRACENE	56-55-3	4813	07	12.66
BENZO(A)ANTHRACENE	56-55-3	4814A	09	Failed Tests
BENZO(A)ANTHRACENE	56-55-3	4814B	10	106.76
BENZOIC ACID	65-85-0	4813	07	49,117.83
BENZOIC ACID	65-85-0	4814A	09	25,581.42
BENZOIC ACID	65-85-0	4814B	10	Failed Tests
BENZYL ALCOHOL	100-51-6	4813	07	80.65
BENZYL ALCOHOL	100-51-6	4814A	09	Failed Tests
BENZYL ALCOHOL	100-51-6	4814B	10	Failed Tests
BIPHENYL	92-52-4	4813	07	373.99
BIPHENYL	92-52-4	4814A	09	16.71
BIPHENYL	92-52-4	4814B	10	135.71
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4813	07	10.00
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4814A	09	Failed Tests
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4814B	10	115.74
BUTYL BENZYL PHTHALATE	85-68-7	4813	07	Failed Tests
BUTYL BENZYL PHTHALATE	85-68-7	4814A	09	Failed Tests
BUTYL BENZYL PHTHALATE	85-68-7	4814B	10	54.98
CARBAZOLE	86-74-8	4813	07	Failed Tests
CARBAZOLE	86-74-8	4814A	09	Failed Tests
CARBAZOLE	86-74-8	4814B	10	151.45
CARBON DISULFIDE	75-15-0	4813	07	Failed Tests
CARBON DISULFIDE	75-15-0	4814A	09	28.11
CARBON DISULFIDE	75-15-0	4814B	10	Failed Tests
CHLOROBENZENE	108-90-7	4813	07	Failed Tests
CHLOROBENZENE	108-90-7	4814A	09	52.31
CHLOROBENZENE	108-90-7	4814B	10	122.66
CHLOROFORM	67-66-3	4813	07	Failed Tests
CHLOROFORM	67-66-3	4814A	09	216.34
CHLOROFORM	67-66-3	4814B	10	541.84
CHRYSENE	218-01-9	4813	07	17.52
CHRYSENE	218-01-9	4814A	09	Failed Tests
CHRYSENE	218-01-9	4814B	10	79.43

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
DIBENZOFURAN	132-64-9	4813	07	Failed Tests
DIBENZOFURAN	132-64-9	4814A	09	Failed Tests
DIBENZOFURAN	132-64-9	4814B	10	135.25
DIBENZOTHIOPHENE	132-65-0	4813	07	23.11
DIBENZOTHIOPHENE	132-65-0	4814A	09	Failed Tests
DIBENZOTHIOPHENE	132-65-0	4814B	10	95.76
DIETHYL PHTHALATE	84-66-2	4813	07	365.93
DIETHYL PHTHALATE	84-66-2	4814A	09	1,410.97
DIETHYL PHTHALATE	84-66-2	4814B	10	107.30
DIPHENYL ETHER	101-84-8	4813	07	981.54
DIPHENYL ETHER	101-84-8	4814A	09	Failed Tests
DIPHENYL ETHER	101-84-8	4814B	10	Failed Tests
ETHYLBENZENE	100-41-4	4813	07	423.30
ETHYLBENZENE	100-41-4	4814A	09	273.78
ETHYLBENZENE	100-41-4	4814B	10	1,668.81
ETHYLBENZENE	100-41-4	651	01	No Influent Data
FLUORANTHENE	206-44-0	4813	07	10.00
FLUORANTHENE	206-44-0	4814A	09	17.29
FLUORANTHENE	206-44-0	4814B	10	489.45
FLUORENE	86-73-7	4813	07	16.09
FLUORENE	86-73-7	4814A	09	Failed Tests
FLUORENE	86-73-7	4814B	10	243.11
HEXANOIC ACID	142-62-1	4813	07	Failed Tests
HEXANOIC ACID	142-62-1	4814A	09	9,253.62
HEXANOIC ACID	142-62-1	4814B	10	Failed Tests
M+P XYLENE	179601-23-1	4814A	09	422.95
M+P XYLENE	179601-23-1	4814B	10	Failed Tests
M-XYLENE	108-38-3	4813	07	361.58
M-XYLENE	108-38-3	4814A	09	Failed Tests
M-XYLENE	108-38-3	4814B	10	1,520.33
METHYLENE CHLORIDE	75-09-2	4813	07	Failed Tests
METHYLENE CHLORIDE	75-09-2	4814A	09	3,252.49
METHYLENE CHLORIDE	75-09-2	4814B	10	5,231.57

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
 (continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
N,N-DIMETHYLFORMAMIDE	68-12-2	4813	07	Failed Tests
N,N-DIMETHYLFORMAMIDE	68-12-2	4814A	09	Failed Tests
N,N-DIMETHYLFORMAMIDE	68-12-2	4814B	10	Failed Tests
N-DECANE	124-18-5	4813	07	238.16
N-DECANE	124-18-5	4814A	09	16.25
N-DECANE	124-18-5	4814B	10	4,723.68
N-DOCOSANE	629-97-0	4813	07	19.84
N-DOCOSANE	629-97-0	4814A	09	20.77
N-DOCOSANE	629-97-0	4814B	10	129.88
N-DODECANE	112-40-3	4813	07	233.80
N-DODECANE	112-40-3	4814A	09	16.25
N-DODECANE	112-40-3	4814B	10	7,653.43
N-EICOSANE	112-95-8	4813	07	45.24
N-EICOSANE	112-95-8	4814A	09	51.76
N-EICOSANE	112-95-8	4814B	10	1,179.76
N-HEXACOSANE	630-01-3	4813	07	Failed Tests
N-HEXACOSANE	630-01-3	4814A	09	Failed Tests
N-HEXACOSANE	630-01-3	4814B	10	Failed Tests
N-HEXADECANE	544-76-3	4813	07	2,551.36
N-HEXADECANE	544-76-3	4814A	09	135.73
N-HEXADECANE	544-76-3	4814B	10	2,637.67
N-OCTACOSANE	630-02-4	4813	07	Failed Tests
N-OCTACOSANE	630-02-4	4814A	09	Failed Tests
N-OCTACOSANE	630-02-4	4814B	10	Failed Tests
N-OCTADECANE	593-45-3	4813	07	202.66
N-OCTADECANE	593-45-3	4814A	09	113.89
N-OCTADECANE	593-45-3	4814B	10	1,471.36
N-TETRACOSANE	646-31-1	4813	07	Failed Tests
N-TETRACOSANE	646-31-1	4814A	09	Failed Tests
N-TETRACOSANE	646-31-1	4814B	10	Failed Tests
N-TETRADECANE	629-59-4	4813	07	3,784.44
N-TETRADECANE	629-59-4	4814A	09	337.09
N-TETRADECANE	629-59-4	4814B	10	3,303.90

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
NAPHTHALENE	91-20-3	4813	07	248.73
NAPHTHALENE	91-20-3	4814A	09	200.65
NAPHTHALENE	91-20-3	4814B	10	1,827.82
O+P XYLENE	136777-61-2	4813	07	564.06
O+P XYLENE	136777-61-2	4814A	09	Failed Tests
O+P XYLENE	136777-61-2	4814B	10	1,873.00
O-CRESOL	95-48-7	4813	07	1,769.86
O-CRESOL	95-48-7	4814A	09	Failed Tests
O-CRESOL	95-48-7	4814B	10	Failed Tests
O-TOLUIDINE	95-53-4	4813	07	Failed Tests
O-TOLUIDINE	95-53-4	4814A	09	Failed Tests
O-TOLUIDINE	95-53-4	4814B	10	Failed Tests
O-XYLENE	95-47-6	4814A	09	268.52
O-XYLENE	95-47-6	4814B	10	Failed Tests
P-CRESOL	106-44-5	4813	07	1,283.19
P-CRESOL	106-44-5	4814A	09	Failed Tests
P-CRESOL	106-44-5	4814B	10	630.49
P-CYMENE	99-87-6	4813	07	Failed Tests
P-CYMENE	99-87-6	4814A	09	16.25
P-CYMENE	99-87-6	4814B	10	94.93
PENTAMETHYLBENZENE	700-12-9	4813	07	Failed Tests
PENTAMETHYLBENZENE	700-12-9	4814A	09	Failed Tests
PENTAMETHYLBENZENE	700-12-9	4814B	10	48.33
PHENANTHRENE	85-01-8	4813	07	81.76
PHENANTHRENE	85-01-8	4814A	09	57.39
PHENANTHRENE	85-01-8	4814B	10	1,242.05
PHENOL	108-95-2	4813	07	30,681.00
PHENOL	108-95-2	4814A	09	Failed Tests
PHENOL	108-95-2	4814B	10	Failed Tests
PYRENE	129-00-0	4813	07	58.00
PYRENE	129-00-0	4814A	09	18.03
PYRENE	129-00-0	4814B	10	245.51

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
PYRIDINE	110-86-1	4813	07	Failed Tests
PYRIDINE	110-86-1	4814A	09	624.78
PYRIDINE	110-86-1	4814B	10	Failed Tests
STYRENE	100-42-5	4813	07	Failed Tests
STYRENE	100-42-5	4814A	09	16.25
STYRENE	100-42-5	4814B	10	97.73
TETRACHLOROETHENE	127-18-4	4813	07	Failed Tests
TETRACHLOROETHENE	127-18-4	4814A	09	280.34
TETRACHLOROETHENE	127-18-4	4814B	10	670.57
TOLUENE	108-88-3	4813	07	3,239.80
TOLUENE	108-88-3	4814A	09	3,613.18
TOLUENE	108-88-3	4814B	10	8,596.18
TOLUENE	108-88-3	651	01	No Influent Data
TRICHLOROETHENE	79-01-6	4813	07	Failed Tests
TRICHLOROETHENE	79-01-6	4814A	09	194.60
TRICHLOROETHENE	790-1-6	4814B	10	1,144.63
TRIPROPYLENEGLYCOL METHYL ETHER	20324-33-8	4813	07	Failed Tests
TRIPROPYLENEGLYCOL METHYL ETHER	20324-33-8	4814A	09	Failed Tests
TRIPROPYLENEGLYCOL METHYL ETHER	20324-33-8	4814B	10	478.50
1,1,1-TRICHLOROETHANE	71-55-6	4813	07	Failed Tests
1,1,1-TRICHLOROETHANE	71-55-6	4814A	09	107.30
1,1,1-TRICHLOROETHANE	71-55-6	4814B	10	218.27
1,1-DICHLOROETHENE	75-35-4	4813	07	Failed Tests
1,1-DICHLOROETHENE	75-35-4	4814A	09	59.16
1,1-DICHLOROETHENE	75-35-4	4814B	10	379.80
1,2,4-TRICHLOROBENZENE	120-82-1	4813	07	Failed Tests
1,2,4-TRICHLOROBENZENE	120-82-1	4814A	09	130.07
1,2,4-TRICHLOROBENZENE	120-82-1	4814B	10	104.83
1,2-DICHLOROBENZENE	95-50-1	4813	07	Failed Tests
1,2-DICHLOROBENZENE	95-50-1	4814A	09	Failed Tests
1,2-DICHLOROBENZENE	95-50-1	4814B	10	48.33

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
 (continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
1,2-DICHLOROETHANE	107-06-2	4813	07	Failed Tests
1,2-DICHLOROETHANE	107-06-2	4814A	09	185.67
1,2-DICHLOROETHANE	107-06-2	4814B	10	359.46
1,4-DICHLOROBENZENE	106-46-7	4813	07	Failed Tests
1,4-DICHLOROBENZENE	106-46-7	4814A	09	34.66
1,4-DICHLOROBENZENE	106-46-7	4814B	10	140.03
1,4-DIOXANE	123-91-1	4813	07	Failed Tests
1,4-DIOXANE	123-91-1	4814A	09	Failed Tests
1,4-DIOXANE	123-91-1	4814B	10	Failed Tests
1-METHYLFLUORENE	1730-37-6	4813	07	18.97
1-METHYLFLUORENE	1730-37-6	4814A	09	Failed Tests
1-METHYLFLUORENE	1730-37-6	4814B	10	48.33
1-METHYLPHENANTHRENE	832-69-9	4813	07	32.62
1-METHYLPHENANTHRENE	832-69-9	4814A	09	Failed Tests
1-METHYLPHENANTHRENE	832-69-9	4814B	10	76.32
2,3-BENZOFLUORENE	243-17-4	4813	07	54.98
2,3-BENZOFLUORENE	243-17-4	4814A	09	Failed Tests
2,3-BENZOFLUORENE	243-17-4	4814B	10	Failed Tests
2,4-DIMETHYLPHENOL	105-67-9	4813	07	Failed Tests
2,4-DIMETHYLPHENOL	105-67-9	4814A	09	Failed Tests
2,4-DIMETHYLPHENOL	105-67-9	4814B	10	Failed Tests
2-BUTANONE	78-93-3	4813	07	Failed Tests
2-BUTANONE	78-93-3	4814A	09	11,390.45
2-BUTANONE	78-93-3	4814B	10	Failed Tests
2-ISOPROPYLNAPHTHALENE	2027-17-0	4813	07	Failed Tests
2-ISOPROPYLNAPHTHALENE	2027-17-0	4814A	09	Failed Tests
2-ISOPROPYLNAPHTHALENE	2027-17-0	4814B	10	Failed Tests
2-METHYLNAPHTHALENE	91-57-6	4813	07	151.63
2-METHYLNAPHTHALENE	91-57-6	4814A	09	160.58
2-METHYLNAPHTHALENE	91-57-6	4814B	10	2,919.45
2-PROPANONE	67-64-1	4813	07	Failed Tests
2-PROPANONE	67-64-1	4814A	09	Failed Tests
2-PROPANONE	67-64-1	4814B	10	Failed Tests

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Oils OPTION=9 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
3,6-DIMETHYLPHENANTHRENE	1576-67-6	4813	07	52.33
3,6-DIMETHYLPHENANTHRENE	1576-67-6	4814A	09	Failed Tests
3,6-DIMETHYLPHENANTHRENE	1576-67-6	4814B	10	Failed Tests
4-CHLORO-3-METHYLPHENOL	59-50-7	4813	07	655.39
4-CHLORO-3-METHYLPHENOL	59-50-7	4814A	09	Failed Tests
4-CHLORO-3-METHYLPHENOL	59-50-7	4814B	10	Failed Tests
4-METHYL-2-PENTANONE	108-10-1	4813	07	955.26
4-METHYL-2-PENTANONE	108-10-1	4814A	09	9,071.13
4-METHYL-2-PENTANONE	108-10-1	4814B	10	6,624.87

----- Subcategory=Organics OPTION=4 -----

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
AMMONIA AS NITROGEN	7664-41-7	1987	12	1,060,000.00
CHEMICAL OXYGEN DEMAND (COD)	C-004	1987	12	3,560,000.00
D-CHEMICAL OXYGEN DEMAND (COD)	C-004D	1987	12	2,800,000.00
FLUORIDE	16984-48-8	1987	12	Failed Tests
NITRATE/NITRITE	C-005	1987	12	2,280.00
TOTAL CYANIDE	57-12-5	1987	12	2,176.00
TOTAL ORGANIC CARBON (TOC)	C-012	1987	12	1,006,000.00
TOTAL SULFIDE	18496-25-8	1987	12	2,800.00
ALUMINUM	7429-90-5	1987	12	2,474.00
ANTIMONY	7440-36-0	1987	12	569.40
ARSENIC	7440-38-2	1987	12	Failed Tests
BARIUM	7440-39-3	1987	12	Failed Tests

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Organics OPTION=4 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
BORON	7440-42-8	1987	12	Failed Tests
CALCIUM	7440-70-2	1987	12	286,000.00
CHROMIUM	7440-47-3	1987	12	Failed Tests
COBALT	7440-48-4	1987	12	437.20
COPPER	7440-50-8	1987	12	703.60
IODINE	7553-56-2	1987	12	Failed Tests
IRON	7439-89-6	1987	12	3,948.00
LEAD	7439-92-1	1987	12	Failed Tests
LITHIUM	7439-93-2	1987	12	Failed Tests
MANGANESE	7439-96-5	1987	12	227.00
MOLYBDENUM	7439-98-7	1987	12	942.80
NICKEL	7440-02-0	1987	12	Failed Tests
PHOSPHORUS	7723-14-0	1987	12	Failed Tests
POTASSIUM	7440-09-7	1987	12	Failed Tests
SILICON	7440-21-3	1987	12	2,680.00
SODIUM	7440-23-5	1987	12	Failed Tests
STRONTIUM	7440-24-6	1987	12	2,060.00
SULFUR	7704-34-9	1987	12	1,370,000.00
TIN	7440-31-5	1987	12	Failed Tests
TITANIUM	7440-32-6	1987	12	Failed Tests
ZINC	7440-66-6	1987	12	381.80
ACETOPHENONE	98-86-2	1987	12	35.87
ANILINE	62-53-3	1987	12	10.50
BENZENE	71-43-2	1987	12	10.00
BENZOIC ACID	65-85-0	1987	12	320.00
BROMODICHLOROMETHANE	75-27-4	1987	12	Failed Tests
CARBON DISULFIDE	75-15-0	1987	12	Failed Tests
CHLOROBENZENE	108-90-7	1987	12	Failed Tests
CHLOROFORM	67-66-3	1987	12	72.62
DIMETHYL SULFONE	67-71-0	1987	12	157.70
ETHYLENETHIOUREA	96-45-7	1987	12	4,400.23

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Organics OPTION=4 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
HEXACHLOROETHANE	67-72-1	1987	12	Failed Tests
HEXANOIC ACID	142-62-1	1987	12	64.00
ISOPHORONE	78-59-1	1987	12	Failed Tests
M-XYLENE	108-38-3	1987	12	10.00
METHYLENE CHLORIDE	75-09-2	1987	12	204.48
N,N-DIMETHYLFORMAMIDE	68-12-2	1987	12	10.50
O+P XYLENE	136777-61-2	1987	12	Failed Tests
O-CRESOL	95-48-7	1987	12	184.78
P-CRESOL	106-44-5	1987	12	66.24
PENTACHLOROPHENOL	87-86-5	1987	12	791.15
PHENOL	108-95-2	1987	12	362.03
PYRIDINE	110-86-1	1987	12	116.46
TETRACHLOROETHENE	127-18-4	1987	12	112.09
TETRACHLOROMETHANE	56-23-5	1987	12	14.44
TOLUENE	108-88-3	1987	12	10.00
TRANS-1,2-DICHLOROETHENE	156-60-5	1987	12	21.51
TRICHLOROETHENE	79-01-6	1987	12	69.42
VINYL CHLORIDE	75-01-4	1987	12	10.00
1,1,1,2-TETRACHLOROETHANE	630-20-6	1987	12	10.00
1,1,1-TRICHLOROETHANE	71-55-6	1987	12	10.00
1,1,2,2-TETRACHLOROETHANE	79-34-5	1987	12	Failed Tests
1,1,2-TRICHLOROETHANE	79-00-5	1987	12	13.30
1,1-DICHLOROETHANE	75-34-3	1987	12	10.00
1,1-DICHLOROETHENE	75-35-4	1987	12	10.00
1,2,3-TRICHLOROPROPANE	96-18-4	1987	12	10.00
1,2-DIBROMOETHANE	106-93-4	1987	12	10.14
1,2-DICHLOROBENZENE	95-50-1	1987	12	Failed Tests
1,2-DICHLOROETHANE	107-06-2	1987	12	10.00
1,3-DICHLOROPROPANE	142-28-9	1987	12	Failed Tests
2,3,4,6-TETRACHLOROPHENOL	58-90-2	1987	12	628.96
2,3-DICHLOROANILINE	608-27-5	1987	12	23.04
2,4,5-TRICHLOROPHENOL	95-95-4	1987	12	96.76
2,4,6-TRICHLOROPHENOL	88-06-2	1987	12	85.76

Attachment 10-1: Results (ug/L) of Data Editing Criteria

----- Subcategory=Organics OPTION=4 -----
(continued)

Pollutant Name	CAS Number	Facility ID	Effluent Sample Point	Facility LTA
2,4-DIMETHYLPHENOL	105-67-9	1987	12	Failed Tests
2-BUTANONE	78-93-3	1987	12	878.12
2-PROPANONE	67-64-1	1987	12	2,061.28
3,4,5-TRICHLOROCATECHOL	56961-20-7	1987	12	0.80
3,4,6-TRICHLOROGUAIACOL	60712-44-9	1987	12	Failed Tests
3,4-DICHLOROPHENOL	95-77-2	1987	12	30.40
3,5-DICHLOROPHENOL	591-35-5	1987	12	0.80
3,6-DICHLOROCATECHOL	3938-16-7	1987	12	Failed Tests
4,5,6-TRICHLOROGUAIACOL	2668-24-8	1987	12	Failed Tests
4,5-DICHLOROGUAIACOL	2460-49-3	1987	12	Failed Tests
4-CHLORO-3-METHYLPHENOL	59-50-7	1987	12	Failed Tests
4-CHLOROPHENOL	106-48-9	1987	12	242.50
4-METHYL-2-PENTANONE	108-10-1	1987	12	146.16
5-CHLOROGUAIACOL	3743-23-5	1987	12	Failed Tests
6-CHLOROVANILLIN	18268-76-3	1987	12	Failed Tests

Attachment 10-2: Facility-Specific Long-Term Averages (ug/L) and Variability Factors
 If the facility data set met the criteria¹, the long-term average (ug/L) is listed

----- Subcategory=Metals Option=1A -----

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
ARSENIC	7440-38-2	1987	03	5	2	No	83.90	1.936	.	1.235

----- Subcategory=Metals Option=3 -----

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
TOTAL SUSPENDED SOLIDS	C-009	4378	09	4	0	No	22,750.00	3.788	.	1.276
TOTAL SUSPENDED SOLIDS	C-009	4803	15	4	0	No	9,250.00	1.544	.	1.072
TOTAL SUSPENDED SOLIDS	C-009	602	01	106	0	No	4,650.94	4.278	.	1.316
ANTIMONY	7440-36-0	4378	09	3	3	Yes	20.00	.	.	.
ANTIMONY	7440-36-0	4803	15	4	4	Yes	22.50	.	.	.
ARSENIC	7440-38-2	4378	09	3	2	No	10.27	.	.	.
ARSENIC	7440-38-2	4803	15	4	4	Yes	17.50	.	.	.
ARSENIC	7440-38-2	602	01	66	0	No	11.15	8.904	.	1.782
CADMIUM	7440-43-9	4378	09	3	0	No	81.93	12.018	.	2.421
CADMIUM	7440-43-9	4803	15	4	3	No	13.90	.	.	.
CADMIUM	7440-43-9	602	01	66	0	No	125.00	7.082	.	1.567
CHROMIUM	7440-47-3	4378	09	3	0	No	36.93	3.427	.	1.247
CHROMIUM	7440-47-3	4803	15	4	0	No	39.75	1.244	.	1.035
CHROMIUM	7440-47-3	602	01	106	0	No	179.62	7.945	.	1.661
COBALT	7440-48-4	4378	09	3	0	No	102.58	3.163	.	1.225
COBALT	7440-48-4	4803	15	4	3	No	12.25	.	.	.
COPPER	7440-50-8	4378	09	3	0	No	144.07	6.549	.	1.514
COPPER	7440-50-8	4803	15	4	0	No	194.00	1.248	.	1.036
LEAD	7439-92-1	4378	09	3	3	Yes	50.00	.	.	.
LEAD	7439-92-1	4803	15	4	0	No	1,275.00	1.447	.	1.061
LEAD	7439-92-1	602	01	66	0	No	55.11	10.489	.	2.041
MERCURY	7439-97-6	4378	09	3	3	Yes	0.20	.	.	.
MERCURY	7439-97-6	4803	15	4	3	No	0.20	.	.	.

¹ And EPA promulgated limitations and/or standards for the pollutant.

Attachment 10-2: Facility-Specific Long-Term Averages (ug/L) and Variability Factors
 If the facility data set met the criteria, the long-term average (ug/L) is listed

----- Subcategory=Metals Option=3 -----
 (continued)

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
NICKEL	7440-02-0	4378	09	3	0	No	1,249.67	2.693	.	1.185
NICKEL	7440-02-0	4803	15	4	0	No	64.01	1.358	.	1.050
NICKEL	7440-02-0	602	01	64	0	No	254.84	5.293	.	1.401
SELENIUM	7782-49-2	4803	15	4	1	No	56.25	3.135	.	1.241
SILVER	7440-22-4	4378	09	3	3	Yes	4.00	.	.	.
SILVER	7440-22-4	4803	15	4	4	Yes	5.00	.	.	.
TIN	7440-31-5	4378	09	3	3	Yes	28.00	.	.	.
TIN	7440-31-5	4803	15	4	4	Yes	28.50	.	.	.
TITANIUM	7440-32-6	4378	09	3	3	Yes	3.00	.	.	.
TITANIUM	7440-32-6	4803	15	4	4	Yes	4.00	.	.	.
VANADIUM	7440-62-2	4378	09	3	1	No	11.00	1.257	.	1.036
VANADIUM	7440-62-2	4803	15	4	3	No	11.00	.	.	.
ZINC	7440-66-6	4378	09	3	0	No	174.43	4.415	.	1.327
ZINC	7440-66-6	4803	15	4	0	No	238.00	1.954	.	1.116

----- Subcategory=Metals Option=4 -----

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
OIL & GREASE	C-007	699	05	40	4	No	34,339.85	5.979	.	1.462
ANTIMONY	7440-36-0	699	05	3	1	No	170.00	1.467	.	1.214
CADMIUM	7440-43-9	699	05	47	20	No	58.03	8.171	.	1.657
CHROMIUM	7440-47-3	699	05	47	0	No	1,674.50	9.258	.	1.832
COBALT	7440-48-4	699	05	3	0	No	114.50	1.675	.	1.087
COPPER	7440-50-8	699	05	47	3	No	744.16	5.566	.	1.428
LEAD	7439-92-1	699	05	47	3	No	176.75	7.454	.	1.603
MERCURY	7439-97-6	699	05	50	18	No	0.56	4.173	.	1.320
NICKEL	7440-02-0	699	05	47	0	No	1,161.49	3.402	.	1.245
SELENIUM	7782-49-2	699	05	25	4	No	279.80	5.868	.	1.457
SILVER	7440-22-4	699	05	47	13	No	26.44	4.527	.	1.327

Attachment 10-2: Facility-Specific Long-Term Averages (ug/L) and Variability Factors
 If the facility data set met the criteria, the long-term average (ug/L) is listed

----- Subcategory=Metals Option=4 -----
 (continued)

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
TIN	7440-31-5	699	05	3	0	No	89.77	4.555	.	1.339
TITANIUM	7440-32-6	699	05	3	0	No	56.87	1.666	.	1.086
VANADIUM	7440-62-2	699	05	3	2	No	11.93	.	.	.
ZINC	7440-66-6	699	05	47	2	No	413.27	6.940	.	1.552

----- Subcategory=Metals Option=cyanide 2 -----

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
TOTAL CYANIDE	57-12-5	4055	03	5	1	No	136,130.00	3.674	.	1.305

----- Subcategory=Oils Option=8 -----

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
ANTIMONY	7440-36-0	4814A	09	4	0	No	103.06	2.298	1.364	.
BARIUM	7440-39-3	4814A	09	4	0	No	220.50	1.938	1.275	.
CHROMIUM	7440-47-3	4814A	09	4	0	No	183.13	2.291	1.362	.
CHROMIUM	7440-47-3	4814B	10	3	0	No	463.67	3.564	1.652	.
COBALT	7440-48-4	4814A	09	4	0	No	1,090.75	2.107	1.317	.
COBALT	7440-48-4	4814B	10	3	0	No	13,743.33	13.089	3.764	.
COPPER	7440-50-8	4814A	09	4	0	No	68.66	1.906	1.266	.
COPPER	7440-50-8	4814B	10	3	0	No	444.67	1.250	1.083	.
LEAD	7439-92-1	4814A	09	4	0	No	59.73	1.567	1.176	.
LEAD	7439-92-1	4814B	10	3	0	No	237.67	1.415	1.133	.
MOLYBDENUM	7439-98-7	4814A	09	4	0	No	1,542.75	2.269	1.357	.
TIN	7440-31-5	4814A	09	4	3	No	30.78	.	.	.
TIN	7440-31-5	4814B	10	3	2	No	183.17	.	.	.

Attachment 10-2: Facility-Specific Long-Term Averages (ug/L) and Variability Factors
 If the facility data set met the criteria, the long-term average (ug/L) is listed

----- Subcategory=Oils Option=8 -----
 (continued)

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
ZINC	7440-66-6	4814A	09	4	0	No	3,138.75	1.960	1.280	.
ZINC	7440-66-6	4814B	10	3	0	No	3,758.33	2.070	1.308	.
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4814B	10	3	2	No	115.74	.	.	.
CARBAZOLE	86-74-8	4814B	10	3	2	No	151.45	.	.	.
FLUORANTHENE	206-44-0	4814A	09	4	3	No	17.29	.	.	.
FLUORANTHENE	206-44-0	4814B	10	3	0	No	489.45	3.104	1.550	.
N-DECANE	124-18-5	4814A	09	4	4	Yes	16.25	.	.	.
N-DECANE	124-18-5	4814B	10	3	0	No	4,723.68	2.444	1.398	.
N-OCTADECANE	593-45-3	4814A	09	4	0	No	113.89	1.688	1.209	.
N-OCTADECANE	593-45-3	4814B	10	3	0	No	1,471.36	1.388	1.125	.

----- Subcategory=Oils Option=9 -----

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
OIL & GREASE	C-007	651	01	12	2	No	28,325.00	4.476	.	1.343
TOTAL SUSPENDED SOLIDS	C-009	4814A	09	4	0	No	.	3.550	.	1.257
TOTAL SUSPENDED SOLIDS	C-009	4814B	10	3	0	No	.	2.264	.	1.146
TOTAL SUSPENDED SOLIDS	C-009	651	01	2	0	No	25,500.00	.	.	.
ANTIMONY	7440-36-0	4814A	09	4	0	No	103.06	2.298	1.364	.
ARSENIC	7440-38-2	4814A	09	4	0	No	1,341.00	3.882	1.722	.
ARSENIC	7440-38-2	4814B	10	3	0	No	237.67	3.587	1.657	.
BARLIUM	7440-39-3	4814A	09	4	0	No	220.50	1.938	1.275	.
CADMIUM	7440-43-9	4814A	09	4	1	No	7.33	2.308	1.362	.
CADMIUM	7440-43-9	4814B	10	3	1	No	7.59	.	.	.
CHROMIUM	7440-47-3	4814A	09	4	0	No	183.13	2.291	1.362	.
CHROMIUM	7440-47-3	4814B	10	3	0	No	463.67	3.564	1.652	.
CHROMIUM	7440-47-3	651	01	12	0	No	18.92	6.367	2.271	.
COBALT	7440-48-4	4814A	09	4	0	No	1,090.75	2.107	1.317	.
COBALT	7440-48-4	4814B	10	3	0	No	13,743.33	13.089	3.764	.

Attachment 10-2: Facility-Specific Long-Term Averages (ug/L) and Variability Factors
 If the facility data set met the criteria, the long-term average (ug/L) is listed

----- Subcategory=Oils Option=9 -----
 (continued)

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
COPPER	7440-50-8	4814A	09	4	0	No	68.66	1.906	1.266	.
COPPER	7440-50-8	4814B	10	3	0	No	444.67	1.250	1.083	.
COPPER	7440-50-8	651	01	12	0	No	156.75	6.412	2.281	.
LEAD	7439-92-1	4814A	09	4	0	No	59.73	1.567	1.176	.
LEAD	7439-92-1	4814B	10	3	0	No	237.67	1.415	1.133	.
LEAD	7439-92-1	651	01	12	0	No	98.58	7.665	2.571	.
MERCURY	7439-97-6	4814A	09	4	4	Yes	3.05	.	.	.
MERCURY	7439-97-6	4814B	10	3	1	No	3.12	5.574	2.095	.
MOLYBDENUM	7439-98-7	4814A	09	4	0	No	1,542.75	2.269	1.357	.
TIN	7440-31-5	4814A	09	4	3	No	30.78	.	.	.
TIN	7440-31-5	4814B	10	3	2	No	183.17	.	.	.
TITANIUM	7440-32-6	4814A	09	4	0	No	13.64	2.191	1.338	.
TITANIUM	7440-32-6	4814B	10	3	0	No	29.82	2.507	1.413	.
ZINC	7440-66-6	4814A	09	4	0	No	3,138.75	1.960	1.280	.
ZINC	7440-66-6	4814B	10	3	0	No	3,758.33	2.070	1.308	.
ZINC	7440-66-6	651	01	12	0	No	920.83	3.864	1.718	.
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4813	07	5	5	Yes	10.00	.	.	.
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	4814B	10	3	2	No	115.74	.	.	.
BUTYL BENZYL PHTHALATE	85-68-7	4814B	10	3	2	No	54.98	.	.	.
CARBAZOLE	86-74-8	4814B	10	3	2	No	151.45	.	.	.
FLUORANTHENE	206-44-0	4813	07	5	5	Yes	10.00	.	.	.
FLUORANTHENE	206-44-0	4814A	09	4	3	No	17.29	.	.	.
FLUORANTHENE	206-44-0	4814B	10	3	0	No	489.45	3.104	1.550	.
N-DECANE	124-18-5	4813	07	5	3	No	238.16	5.521	2.275	.
N-DECANE	124-18-5	4814A	09	4	4	Yes	16.25	.	.	.
N-DECANE	124-18-5	4814B	10	3	0	No	4,723.68	2.444	1.398	.
N-OCTADECANE	593-45-3	4813	07	5	1	No	202.66	5.642	2.136	.
N-OCTADECANE	593-45-3	4814A	09	4	0	No	113.89	1.688	1.209	.
N-OCTADECANE	593-45-3	4814B	10	3	0	No	1,471.36	1.388	1.125	.

Attachment 10-2: Facility-Specific Long-Term Averages (ug/L) and Variability Factors
 If the facility data set met the criteria, the long-term average (ug/L) is listed

----- Subcategory=Organics Option=4 -----

Pollutant	CAS Number	Facility ID	Sample Point(s)	No. of Obs.	No. of NDs	All ND	Facility LTA (ug/L)	1 Day VF	4 Day VF	20 Day VF
ANTIMONY	7440-36-0	1987	12	5	0	No	569.40	1.629	1.193	.
COPPER	7440-50-8	1987	12	5	0	No	703.60	1.230	1.077	.
MOLYBDENUM	7439-98-7	1987	12	5	0	No	942.80	1.069	1.024	.
ZINC	7440-66-6	1987	12	5	0	No	381.80	1.302	1.099	.
ACETOPHENONE	98-86-2	1987	12	5	4	No	35.87	.	.	.
ANILINE	62-53-3	1987	12	5	5	Yes	10.50	.	.	.
O-CRESOL	95-48-7	1987	12	5	3	No	184.78	10.380	3.034	.
P-CRESOL	106-44-5	1987	12	5	4	No	68.24	.	.	.
PHENOL	108-95-2	1987	12	5	3	No	362.03	10.075	2.984	.
PYRIDINE	110-86-1	1987	12	5	0	No	116.46	3.175	1.566	.
2,3-DICHLOROANILINE	608-27-5	1987	12	5	4	No	23.04	.	.	.
2,4,6-TRICHLOROPHENOL	88-06-2	1987	12	5	3	No	85.76	.	.	.
2-BUTANONE	78-93-3	1987	12	5	1	No	878.12	5.478	2.103	.
2-PROPANONE	67-64-1	1987	12	5	1	No	2,061.28	14.644	3.868	.

ATTACHMENT 10-3: Pollutant Specific Long-Term Averages and Variability Factors¹

----- Subcategory=Metals Option=3 -----

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
OIL & GREASE	NONE	C-007	34,339.85	5.9791	.	1.46202
TOTAL SUSPENDED SOLIDS	NONE	C-009	9,250.00	3.2032	.	1.22150
ANTIMONY	SEMI-METALS	7440-36-0	21.25	5.2081	.	1.46947
ARSENIC	SEMI-METALS	7440-38-2	11.15	8.9037	.	1.78196
CADMIUM	METALS	7440-43-9	81.93	9.5500	.	1.99384
CHROMIUM	METALS	7440-47-3	39.75	4.2054	.	1.31427
COBALT	METALS	7440-48-4	57.42	3.1627	.	1.22466
COPPER	METALS	7440-50-8	169.03	3.8986	.	1.27493
LEAD	METALS	7439-92-1	176.75	7.4539	.	1.60304
MERCURY	METALS	7439-97-6	0.20	3.1845	.	1.22466
NICKEL	METALS	7440-02-0	254.84	3.1148	.	1.21179
SELENIUM	NON-METALS	7782-49-2	56.25	3.1352	.	1.24126
SILVER	METALS	7440-22-4	10.00	3.1845	.	1.22466
TIN	METALS	7440-31-5	30.00	3.1845	.	1.22466
TITANIUM	METALS	7440-32-6	5.00	3.1845	.	1.22466
VANADIUM	METALS	7440-62-2	50.00	1.2565	.	1.03618
ZINC	METALS	7440-66-6	206.22	3.1845	.	1.22174

----- Subcategory=Metals Option=4 -----

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
OIL & GREASE	NONE	C-007	34,339.85	5.9791	.	1.46202
TOTAL SUSPENDED SOLIDS	NONE	C-009	16,800.00	3.5900	.	1.85000
ANTIMONY	SEMI-METALS	7440-36-0	170.00	1.4668	.	1.21431
ARSENIC	SEMI-METALS	7440-38-2	83.90	1.9358	.	1.23472
CADMIUM	METALS	7440-43-9	58.03	8.1705	.	1.65724
CHROMIUM	METALS	7440-47-3	1,674.50	9.2583	.	1.83247
COBALT	METALS	7440-48-4	114.50	1.6746	.	1.08700

¹ Some pollutant-specific long-term averages have been replaced by the baseline value (see Section 10.5.3 and Table 10-4). Some pollutant-specific variability factors have been transferred as described in Section 10.6.7 and Table 10-5. See Section 10.8 for transfers of limitations (the corresponding LTAs and VFs are listed in this Attachment).

ATTACHMENT 10-3: Pollutant Specific Long-Term Averages and Variability Factors

----- Subcategory=Metals Option=4 -----
 (continued)

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
COPPER	METALS	7440-50-8	744.16	5.5659	.	1.42750
LEAD	METALS	7439-92-1	176.75	7.4539	.	1.60304
MERCURY	METALS	7439-97-6	0.56	4.1728	.	1.31969
NICKEL	METALS	7440-02-0	1,161.49	3.4021	.	1.24451
SELENIUM	NON-METALS	7782-49-2	279.80	5.8681	.	1.45659
SILVER	METALS	7440-22-4	26.44	4.5273	.	1.32684
TIN	METALS	7440-31-5	89.77	4.5548	.	1.33877
TITANIUM	METALS	7440-32-6	56.87	1.6659	.	1.08605
VANADIUM	METALS	7440-62-2	50.00	4.3501	.	1.32327
ZINC	METALS	7440-66-6	413.27	6.9399	.	1.55174

----- Subcategory=Metals Option=cyanide 2 -----

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
TOTAL CYANIDE	NONE	57-12-5	136,130.00	3.6737	.	1.30491

----- Subcategory=Oils Option=8 -----

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
ANTIMONY	SEMI-METALS	7440-36-0	103.06	2.2980	1.36370	.
BARIUM	METALS	7440-39-3	220.50	1.9382	1.27470	.
CHROMIUM	METALS	7440-47-3	323.40	2.9275	1.50697	.
COBALT	METALS	7440-48-4	7,417.04	7.5981	2.54060	.
COPPER	METALS	7440-50-8	256.66	1.5779	1.17459	.
LEAD	METALS	7439-92-1	148.70	1.4912	1.15434	.
MOLYBDENUM	METALS	7439-98-7	1,542.75	2.2693	1.35678	.
TIN	METALS	7440-31-5	106.97	2.3285	1.36900	.
ZINC	METALS	7440-66-6	3,448.54	2.0150	1.29409	.

ATTACHMENT 10-3: Pollutant Specific Long-Term Averages and Variability Factors

----- Subcategory=Oils Option=8 -----
 (continued)

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
BIS(2-ETHYLHEXYL) PHTHALATE	PHTHALATES	117-81-7	115.74	2.3105	1.36669	.
CARBAZOLE	ANILINES	86-74-8	151.45	2.5862	1.53568	.
FLUORANTHENE	PAHS	206-44-0	253.37	3.1044	1.54997	.
N-DECANE	N-PARAFFINS	124-18-5	2,369.97	2.4438	1.39844	.
N-OCTADECANE	N-PARAFFINS	593-45-3	792.62	1.5381	1.16693	.

----- Subcategory=Oils Option=9 -----

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
OIL & GREASE	NONE	C-007	28,325.00	4.4758	.	1.34310
TOTAL SUSPENDED SOLIDS	NONE	C-009	25,500.00	2.9071	.	1.20139
ANTIMONY	SEMI-METALS	7440-36-0	103.06	2.2980	1.36370	.
ARSENIC	SEMI-METALS	7440-38-2	789.33	3.7346	1.68936	.
BARIUM	METALS	7440-39-3	220.50	1.9382	1.27470	.
CADMIUM	METALS	7440-43-9	7.46	2.3077	1.36237	.
CHROMIUM	METALS	7440-47-3	183.13	4.0739	1.76166	.
COBALT	METALS	7440-48-4	7,417.04	7.5981	2.54060	.
COPPER	METALS	7440-50-8	156.75	3.1894	1.54354	.
LEAD	METALS	7439-92-1	98.58	3.5492	1.62648	.
MERCURY	METALS	7439-97-6	3.09	5.5737	2.09502	.
MOLYBDENUM	METALS	7439-98-7	1,542.75	2.2693	1.35678	.
TIN	METALS	7440-31-5	106.97	3.1283	1.53796	.
TITANIUM	METALS	7440-32-6	21.73	2.3493	1.37563	.
ZINC	METALS	7440-66-6	3,138.75	2.6312	1.43528	.
BIS(2-ETHYLHEXYL) PHTHALATE	PHTHALATES	117-81-7	62.87	3.4144	1.61369	.
BUTYL BENZYL PHTHALATE	PHTHALATES	85-68-7	54.98	3.4144	1.61369	.
CARBAZOLE	ANILINES	86-74-8	151.45	3.9482	1.81970	.
FLUORANTHENE	PAHS	206-44-0	17.29	3.1044	1.54997	.
N-DECANE	N-PARAFFINS	124-18-5	238.16	3.9825	1.83663	.
N-OCTADECANE	N-PARAFFINS	593-45-3	202.66	2.9060	1.49004	.

ATTACHMENT 10-3: Pollutant Specific Long-Term Averages and Variability Factors

----- Subcategory=Organics Option=4 -----

Pollutant	Group	CAS Number	Pollutant LTA (ug/L)	Pollutant 1-day VF	Pollutant 4-day VF	Pollutant 20-day VF
BIOCHEMICAL OXYGEN DEMAND	NONE	C-003	41,000.00	3.9700	.	1.29
TOTAL SUSPENDED SOLIDS	NONE	C-009	45,000.00	4.7900	.	1.36
ANTIMONY	SEMI-METALS	7440-36-0	569.40	1.6293	1.19317	.
COPPER	METALS	7440-50-8	703.60	1.2301	1.07654	.
MOLYBDENUM	METALS	7439-98-7	942.80	1.0688	1.02385	.
ZINC	METALS	7440-66-6	381.80	1.3023	1.09891	.
ACETOPHENONE	KETONES, AROMATIC	98-86-2	35.87	3.1750	1.56576	.
ANILINE	ANILINES	62-53-3	10.50	3.1750	1.56576	.
O-CRESOL	PHENOLS	95-48-7	184.78	10.3802	3.03447	.
P-CRESOL	PHENOLS	106-44-5	68.24	10.2277	3.00900	.
PHENOL	PHENOLS	108-95-2	362.03	10.0752	2.98353	.
PYRIDINE	PYRIDINES	110-86-1	116.46	3.1750	1.56576	.
2,3-DICHLOROANILINE	CHLOROANILINES	60-827-5	23.04	3.1750	1.56576	.
2,4,6-TRICHLOROPHENOL	CHLOROPHENOLS	88-06-2	85.76	1.8108	1.24178	.
2-BUTANONE	KETONES, ALIPHATIC I	78-93-3	878.12	5.4784	2.10346	.
2-PROPANONE	KETONES, ALIPHATIC I	67-64-1	2,061.28	14.6440	3.86753	.

Attachment 10-4 Calculation of Group and Organics Variability Factors

This attachment to Chapter 10 identifies the groups and interim calculations for the group variability factors that EPA used for the final limitations and standards. The interim calculations identify the facility-specific and pollutant-specific variability factors that were used to calculate the group-level variability factors and the organics variability factors (see Section 10.6.7).

If this attachment does not list a particular pollutant for an option, then the facility-specific variability factors could not be calculated due to data restrictions (see section 10.6.5) or the pollutant was not a pollutant of concern for the subcategory (see Appendix A).

In calculating the organics variability factors, EPA used the group variability factors from the following groups: alcohols, aliphatic; amides; amines, aliphatic; anilines; chloroanilines; chlorophenols; ketones, aromatic; n-paraffins; PAHs; phenols; phthalates; polyglycol monoethers; pyridines; and sulfides, aromatic. This attachment provides the facility-specific, pollutant-specific, and group-level variability factors that were used to calculate the organics variability factors for the oils and organics subcategories.

Tables in Attachment 10-4:

Metals Subcategory, Option 3

Table 10-4-1 Metals Option 3: Metals Group Variability Factors

Metals Subcategory, Option 4

Table 10-4-2 Metals Option 4: Metals Group Variability Factors

Oils Subcategory, Option 8

Table 10-4-3 Oils Option 8: Metals Group Variability Factors

Table 10-4-4 Oils Option 8: Phthalates Group Variability Factors

Table 10-4-5 Oils Option 8: Organics Variability Factors

Oils Subcategory, Option 9

Table 10-4-6 Oils Option 9: Metals Group Variability Factors

Table 10-4-7 Oils Option 9: Phthalates Group Variability Factors

Table 10-4-8 Oils Option 9: Organics Variability Factors

Organics Subcategory, Option 4

Table 10-4-9 Organics Option 4: Phenols Group Variability Factors

Table 10-4-10 Organics Option 4: Chlorophenols Group Variability Factors

Table 10-4-11 Organics Option 4: Organics Variability Factors

Attachment 10-4

Metals Subcategory, Option 3

Table 10-4-1 Metals Option 3: Metals Group Variability Factors

Pollutant (Metals Group)	Facility	Variability Factors			
		Facility-Specific		Pollutant-Specific	
		Daily	Monthly	Daily	Monthly
Cadmium	4378	12.018	2.421	9.550	1.994
Cadmium	602	7.082	1.567		
Chromium	4378	3.427	1.247	4.205	1.314
Chromium	4803	1.244	1.035		
Chromium	602	7.945	1.661		
Cobalt	4378	3.163	1.225	3.163	1.225
Copper	4378	6.549	1.514	3.899	1.275
Copper	4803	1.248	1.036		
Lead	4803	1.447	1.061	5.968	1.551
Lead	602	10.489	2.041		
Molybdenum	4378	1.298	1.042	1.210	1.031
Molybdenum	4803	1.12	1.02		
Nickel	4378	2.693	1.185	3.115	1.212
Nickel	4803	1.358	1.050		
Nickel	602	5.293	1.401		
Vanadium	4378	1.257	1.036	1.257	1.036
Zinc	4378	4.415	1.327	3.185	1.222
Zinc	4803	1.954	1.116		
Metals Group Variability Factors:				3.185	1.225

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Metals Subcategory, Option 4

Table 10-4-2 Metals Option 4: Metals Group Variability Factors¹

Pollutant (Metals Group)	Pollutant-Specific Variability Factors	
	Daily	Monthly
Cadmium	8.171	1.657
Chromium	9.258	1.832
Cobalt	1.675	1.087
Copper	5.566	1.428
Lead	7.454	1.603
Lithium	1.804	1.101
Mercury	4.173	1.320
Molybdenum	1.726	1.09
Nickel	3.402	1.245
Silver	4.527	1.327
Tin	4.555	1.339
Titanium	1.666	1.086
Zinc	6.940	1.552
Zirconium	1.700	1.09
Metals Group Variability Factors:		4.350

¹ For this option, the facility-specific and pollutant-specific variability factors are the same as they are both derived from facility 699.

Attachment 10-4

Oils Subcategory, Option 8

Table 10-4-3 Oils Option 8: Metals Group Variability Factors

Pollutant (Metals Group)	Facility	Variability Factors			
		Facility-Specific		Pollutant-Specific	
		Daily	Monthly	Daily	Monthly
Barium	4814A	1.938	1.275	1.938	1.275
Cadmium	4814A	2.308	1.362	2.308	1.362
Cadmium	4814B	deleted (see Section 10.6.5.4)			
Chromium	4814A	2.291	1.362	2.928	1.507
Chromium	4814B	3.564	1.652		
Cobalt	4814A	2.107	1.317	7.598	2.541
Cobalt	4814B	13.089	3.764		
Copper	4814A	1.906	1.266	1.578	1.175
Copper	4814B	1.250	1.083		
Lead	4814A	1.567	1.176	1.491	1.155
Lead	4814B	1.415	1.133		
Mercury	4814B	5.574	2.10	5.574	2.095
Molybdenum	4814A	2.269	1.357	2.269	1.357
Nickel	4814A	2.737	1.467	4.829	1.933
Nickel	4814B	6.921	2.398		
Strontium	4814A	1.932	1.273	3.068	1.533
Strontium	4814B	4.203	1.792		
Titanium	4814A	2.191	1.338	2.349	1.376
Titanium	4814B	2.507	1.413		
Zinc	4814A	1.960	1.280	2.015	1.294
Zinc	4814B	2.070	1.308		
Metals Group Variability Factors:				2.329	1.369

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Table 10-4-4 Oils Option 8: Phthalates Group Variability Factors

Pollutant (Phthalates Group)	Facility	Variability Factors			
		Facility-Specific		Pollutant-Specific	
		Daily	Monthly	Daily	Monthly
Diethyl phthalate	4814A	2.310	1.367	2.310	1.367
Phthalates Group Variability Factors:				2.310	1.367

Table 10-4-5 Oils Option 8: Organics Variability Factors

Group	Pollutant	Facility	Variability Factors					
			Facility-Specific		Pollutant-Specific		Group-Level	
			Daily	Monthly	Daily	Monthly	Daily	Monthly
n-paraffins	n-decane	4814B	2.444	1.398	2.444	1.398	2.586	1.536
n-paraffins	n-docosane	4814B	8.811	2.852	8.811	2.852		
n-paraffins	n-dodecane	4814B	10.825	3.316	10.825	3.316		
n-paraffins	n-eicosane	4814A	1.880	1.573	2.586	1.583		
n-paraffins	n-eicosane	4814B	3.292	1.592				
n-paraffins	n-hexadecane	4814A	1.761	1.484	1.925	1.398		
n-paraffins	n-hexadecane	4814B	2.088	1.312				
n-paraffins	n-octadecane	4814A	1.688	1.209	1.538	1.167		
n-paraffins	n-octadecane	4814B	1.388	1.125				
n-paraffins	n-tetradecane	4814A	3.033	1.534	3.041	1.536		
n-paraffins	n-tetradecane	4814B	3.049	1.537				

Group	Pollutant	Facility	Variability Factors					
			Facility-Specific		Pollutant-Specific		Group-Level	
			Daily	Monthly	Daily	Monthly	Daily	Monthly
PAHS	Anthracene	4814B	1.369	1.119	1.369	1.119	2.311	1.369
PAHS	Benzo(a)anthracene	4814B	2.842	1.590	2.842	1.590		
PAHS	Biphenyl	4814B	1.219	1.158	1.219	1.158		
PAHS	Fluoranthene	4814B	3.104	1.550	3.104	1.550		
PAHS	Fluorene	4814B	1.779	1.233	1.779	1.233		
PAHS	Naphthalene	4814A	4.876	1.939	3.044	1.505		
PAHS	Naphthalene	4814B	1.211	1.071				
PAHS	Phenanthrene	4814A	8.269	2.676	5.354	2.037		
PAHS	Phenanthrene	4814B	2.438	1.397				
PAHS	Pyrene	4814B	1.220	1.073	1.220	1.073		
Phenols	p-cresol	4814B	6.601	2.326	6.601	2.326	6.601	2.326
Phthalates	Diethyl phthalate	4814A	2.310	1.367	2.310	1.367	2.310	1.367
Pyridines	Pyridine	4814A	5.360	2.097	5.360	2.097	5.360	2.097
Organics Variability Factors:							2.586	1.536

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Oils Subcategory, Option 9

Table 10-4-6 Oils Option 9: Metals Group Variability Factors

Pollutant (Metals Group)	Facility	Variability Factors			
		Facility-Specific		Pollutant-Specific	
		Daily	Monthly	Daily	Monthly
Barium	4814A	1.938	1.275	1.938	1.275
Cadmium	4814A	2.308	1.362	2.308	1.362
Cadmium	4814B	deleted (see Section 10.6.5.4)			
Chromium	4814A	2.291	1.362	4.074	1.762
Chromium	4814B	3.564	1.652		
Chromium	651	6.367	2.271		
Cobalt	4814A	2.107	1.317	7.598	2.541
Cobalt	4814B	13.089	3.764		
Copper	4814A	1.906	1.266	3.189	1.543
Copper	4814B	1.250	1.083		
Copper	651	6.412	2.281		
Lead	4814A	1.567	1.176	3.549	1.627
Lead	4814B	1.415	1.133		
Lead	651	7.665	2.571		
Mercury	4814B	5.574	2.095	5.574	2.095
Molybdenum	4814A	2.269	1.357	2.269	1.357
Nickel	4814A	2.737	1.467	4.829	1.933
Nickel	4814B	6.921	2.398		
Strontium	4814A	1.932	1.273	3.068	1.533
Strontium	4814B	4.203	1.792		

Pollutant (Metals Group)	Facility	Variability Factors			
		Facility-Specific		Pollutant-Specific	
		Daily	Monthly	Daily	Monthly
Titanium	4814A	2.191	1.338	2.349	1.376
Titanium	4814B	2.507	1.413		
Zinc	4814A	1.960	1.280	2.631	1.435
Zinc	4814B	2.070	1.308		
Zinc	651	3.864	1.718		
Metals Group Variability Factors:				3.128	1.538

Table 10-4-7 Oils Option 9: Phthalates Group Variability Factors

Pollutant (Phthalates Group)	Facility	Variability Factors			
		Facility-Specific		Pollutant-Specific	
		Daily	Monthly	Daily	Monthly
Diethyl phthalate	4813	4.518	1.861	3.414	1.614
Diethyl phthalate	4814A	2.310	1.367		
Phthalates Group Variability Factors:				3.414	1.614

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Table 10-4-8 Oils Option 9: Organics Variability Factors

Group	Pollutant	Facility	Variability Factors					
			Facility-Specific		Pollutant-Specific		Group-Level	
			Daily	Monthly	Daily	Monthly	Daily	Monthly
n-paraffins	n-decane	4813	5.521	2.275	3.983	1.837	3.983	1.837
n-paraffins	n-decane	4814B	2.444	1.398				
n-paraffins	n-docosane	4813	2.703	1.580	5.757	2.216		
n-paraffins	n-docosane	4814B	8.811	2.852				
n-paraffins	n-dodecane	4814B	10.825	3.316	10.825	3.316		
n-paraffins	n-eicosane	4813	4.630	1.912	3.267	1.692		
n-paraffins	n-eicosane	4814A	1.880	1.573				
n-paraffins	n-eicosane	4814B	3.292	1.592				
n-paraffins	n-hexadecane	4813	4.772	1.976	2.874	1.591		
n-paraffins	n-hexadecane	4814A	1.761	1.484				
n-paraffins	n-hexadecane	4814B	2.088	1.312				
n-paraffins	n-octadecane	4813	5.642	2.136	2.906	1.490		
n-paraffins	n-octadecane	4814A	1.688	1.209				
n-paraffins	n-octadecane	4814B	1.388	1.125				
n-paraffins	n-tetradecane	4813	11.174	3.394	5.752	2.155		
n-paraffins	n-tetradecane	4814A	3.033	1.534				
n-paraffins	n-tetradecane	4814B	3.049	1.537				
PAHS	Anthracene	4813	3.622	1.672	2.496	1.396	2.582	1.445
PAHS	Anthracene	4814B	1.369	1.119				
PAHS	Benzo(a)anthracene	4813	2.535	1.379	2.688	1.484		
PAHS	Benzo(a)anthracene	4814B	2.842	1.590				
PAHS	Biphenyl	4813	3.932	1.733	2.576	1.445		
PAHS	Biphenyl	4814B	1.219	1.158				
PAHS	Chrysene	4813	4.068	1.758	4.068	1.758		
PAHS	Fluoranthene	4814B	3.104	1.550	3.104	1.550		
PAHS	Fluorene	4813	3.162	1.551	2.471	1.392		

Group	Pollutant	Facility	Variability Factors					
			Facility-Specific		Pollutant-Specific		Group-Level	
			Daily	Monthly	Daily	Monthly	Daily	Monthly
PAHS	Fluorene	4814B	1.779	1.233				
PAHS	Naphthalene	4813	1.658	1.201	2.582	1.404		
PAHS	Naphthalene	4814A	4.876	1.939				
PAHS	Naphthalene	4814B	1.211	1.071				
PAHS	Phenanthrene	4813	5.891	2.164	5.533	2.079		
PAHS	Phenanthrene	4814A	8.269	2.676				
PAHS	Phenanthrene	4814B	2.438	1.397				
PAHS	Pyrene	4813	3.611	1.724	2.416	1.399		
PAHS	Pyrene	4814B	1.220	1.073				
Phenols	4-chloro-3-methylphenol	4813	4.066	1.843	4.066	1.843	4.172	1.878
Phenols	o-cresol	4813	8.508	2.770	8.508	2.770		
Phenols	p-cresol	4813	1.954	1.499	4.278	1.913		
Phenols	p-cresol	4814B	6.601	2.326				
Phenols	Phenol	4813	1.340	1.110	1.340	1.110		
Phthalates	Diethyl phthalate	4813	4.518	1.861	3.414	1.614	3.414	1.614
Phthalates	Diethyl phthalate	4814A	2.310	1.367				
Pyridines	Pyridine	4814A	5.360	2.097	5.360	2.097	5.360	2.097
Sulfides, aromatic	Dibenzothiophene	4813	3.914	1.803	3.914	1.803	3.914	1.803
Organics Variability Factors:							3.948	1.820

Attachment 10-4

Organics Subcategory, Option 4 (for this option, the facility-specific and pollutant-specific variability factors are the same as they are both derived from facility 1987)

Table 10-4-9 Organics Option 4: Phenols Group Variability Factors

Pollutant (Phenols Group)	Pollutant-Specific Variability Factors	
	Daily	Monthly
o-cresol	10.380	3.034
phenol	10.075	2.984
Phenols Group Variability Factors:	10.228	3.009

Table 10-4-10 Organics Option 4: Chlorophenols Group Variability Factors

Pollutant (Chlorophenols Group)	Pollutant-Specific Variability Factors	
	Daily	Monthly
2,4,6-trichlorophenol	deleted (see Section 10.6.5.4)	
pentachlorophenol	1.811	1.242
Chlorophenols Group Variability Factors:	1.811	1.242

Table 10-4-11 Organics Option 4: Organics Variability Factors

Group	Pollutant	Variability Factors			
		Pollutant-Specific		Group-Level	
		Daily	Monthly	Daily	Monthly
Chlorophenols	pentachlorophenol	1.811	1.242	1.811	1.242
Phenols	o-cresol	10.380	3.034	10.228	3.009
Phenols	phenol	10.075	2.984		
Pyridines	pyridine	3.175	1.566	3.175	1.566
	Organics Variability Factors:			3.175	1.566

Attachment 10-5 Limitations (ug/L)

----- Subcategory=Metals Option=3 -----

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
OIL & GREASE	C-007	1	NONE	34,300.	205,000.	50,200.
TOTAL SUSPENDED SOLIDS	C-009	3	NONE	9,250.	29,600.	11,300.
ANTIMONY	7440-36-0	2	SEMI-METALS	21.3	111.	31.2
ARSENIC	7440-38-2	3	SEMI-METALS	11.2	99.3	19.9
CADMIUM	7440-43-9	3	METALS	81.9	782.	163.
CHROMIUM	7440-47-3	3	METALS	39.8	167.	52.2
COBALT	7440-48-4	2	METALS	57.4	182.	70.3
COPPER	7440-50-8	2	METALS	169.	659.	216.
LEAD	7439-92-1	1	METALS	177.	1,320.	283.
MERCURY	7439-97-6	2	METALS	0.201	0.641	0.246
NICKEL	7440-02-0	3	METALS	255.	794.	309.
SELENIUM	7782-49-2	1	NON-METALS	56.3	176.	69.8
SILVER	7440-22-4	2	METALS	10.0	31.8	12.2
TIN	7440-31-5	2	METALS	30.0	95.5	36.7
TITANIUM	7440-32-6	2	METALS	5.00	15.9	6.12
VANADIUM	7440-62-2	2	METALS	50.0	62.8	51.8
ZINC	7440-66-6	2	METALS	206.	657.	252.

----- Subcategory=Metals Option=4 -----

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
OIL & GREASE	C-007	1	NONE	34,300.	205,000.	50,200.
TOTAL SUSPENDED SOLIDS	C-009	.	NONE	16,800.	60,000.	31,000.
ANTIMONY	7440-36-0	1	SEMI-METALS	170.	249.	206.
ARSENIC	7440-38-2	1	SEMI-METALS	83.9	162.	104.
CADMIUM	7440-43-9	1	METALS	58.0	474.	96.2
CHROMIUM	7440-47-3	1	METALS	1,670.	15,500.	3,070.
COBALT	7440-48-4	1	METALS	115.	192.	124.
COPPER	7440-50-8	1	METALS	744.	4,140.	1,060.
LEAD	7439-92-1	1	METALS	177.	1,320.	283.

Attachment 10-5 Limitations (ug/L)

----- Subcategory=Metals Option=4 -----
(continued)

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
MERCURY	7439-97-6	1	METALS	0.560	2.34	0.739
NICKEL	7440-02-0	1	METALS	1,160.	3,950.	1,450.
SELENIUM	7782-49-2	1	NON-METALS	280.	1,640.	408.
SILVER	7440-22-4	1	METALS	26.4	120.	35.1
TIN	7440-31-5	1	METALS	89.8	409.	120.
TITANIUM	7440-32-6	1	METALS	56.9	94.7	61.8
VANADIUM	7440-62-2	1	METALS	50.0	218.	66.2
ZINC	7440-66-6	1	METALS	413.	2,870.	641.

----- Subcategory=Metals Option=cyanide 2 -----

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
TOTAL CYANIDE	57-12-5	1	NONE	136,000.	500,000.	178,000.

----- Subcategory=Oils Option=8 -----

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
ANTIMONY	7440-36-0	1	SEMI-METALS	103.	237.	141.
BARIUM	7440-39-3	1	METALS	221.	427.	281.
CHROMIUM	7440-47-3	2	METALS	323.	947.	487.
COBALT	7440-48-4	2	METALS	7,420.	56,400.	18,800.
COPPER	7440-50-8	2	METALS	257.	405.	301.
LEAD	7439-92-1	2	METALS	149.	222.	172.
MOLYBDENUM	7439-98-7	1	METALS	1,540.	3,500.	2,090.
TIN	7440-31-5	2	METALS	107.	249.	146.

Attachment 10-5 Limitations (ug/L)

----- Subcategory=Oils Option=8 -----
(continued)

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
ZINC	7440-66-6	2	METALS	3,450.	6,950.	4,460.
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	1	PHTHALATES	116.	267.	158.
CARBAZOLE	86-74-8	1	ANILINES	151.	392.	233.
FLUORANTHENE	206-44-0	2	PAHS	253.	787.	393.
N-DECANE	124-18-5	2	N-PARAFFINS	2,370.	5,790.	3,310.
N-OCTADECANE	593-45-3	2	N-PARAFFINS	793.	1,220.	925.

----- Subcategory=Oils Option=9 -----

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
OIL & GREASE	C-007	1	NONE	28,300.	127,000.	38,000.
TOTAL SUSPENDED SOLIDS	C-009	1	NONE	25,500.	74,100.	30,600.
ANTIMONY	7440-36-0	1	SEMI-METALS	103.	237.	141.
ARSENIC	7440-38-2	2	SEMI-METALS	789.	2,950.	1,330.
BARIUM	7440-39-3	1	METALS	221.	427.	281.
CADMIUM	7440-43-9	2	METALS	7.46	17.2	10.2
CHROMIUM	7440-47-3	3	METALS	183.	746.	323.
COBALT	7440-48-4	2	METALS	7,420.	56,400.	18,800.
COPPER	7440-50-8	3	METALS	157.	500.	242.
LEAD	7439-92-1	3	METALS	98.6	350.	160.
MERCURY	7439-97-6	2	METALS	3.09	17.2	6.47
MOLYBDENUM	7439-98-7	1	METALS	1,540.	3,500.	2,090.
TIN	7440-31-5	2	METALS	107.	335.	165.
TITANIUM	7440-32-6	2	METALS	21.7	51.0	29.9
ZINC	7440-66-6	3	METALS	3,140.	8,260.	4,500.
BIS(2-ETHYLHEXYL) PHTHALATE	117-81-7	2	PHTHALATES	62.9	215.	101.
BUTYL BENZYL PHTHALATE	85-68-7	1	PHTHALATES	55.0	188.	88.7

Attachment 10-5 Limitations (ug/L)

----- Subcategory=Oils Option=9 -----
(continued)

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
CARBAZOLE	86-74-8	1	ANILINES	151.	598.	276.
FLUORANTHENE	206-44-0	3	PAHS	17.3	53.7	26.8
N-DECANE	124-18-5	3	N-PARAFFINS	238.	948.	437.
N-OCTADECANE	593-45-3	3	N-PARAFFINS	203.	589.	302.

----- Subcategory=Organics Option=4 -----

Pollutant	CAS_NO	No. of Fac. in LTA	Group	Pollutant LTA	1-Day Limit	Monthly limit
BIOCHEMICAL OXYGEN DEMAND	C-003	.	NONE	41,000.	163,000.	53,000.
TOTAL SUSPENDED SOLIDS	C-009	.	NONE	45,000.	216,000.	61,300.
ANTIMONY	7440-36-0	1	SEMI-METALS	569.	928.	679.
COPPER	7440-50-8	1	METALS	704.	865.	757.
MOLYBDENUM	7439-98-7	1	METALS	943.	1,010.	965.
ZINC	7440-66-6	1	METALS	382.	497.	420.
ACETOPHENONE	98-86-2	1	KETONES, AROMATIC	35.9	114.	56.2
ANILINE	62-53-3	1	ANILINES	10.5	33.3	16.4
O-CRESOL	95-48-7	1	PHENOLS	185.	1,920.	561.
P-CRESOL	106-44-5	1	PHENOLS	68.2	698.	205.
PHENOL	108-95-2	1	PHENOLS	362.	3,650.	1,080.
PYRIDINE	110-86-1	1	PYRIDINES	116.	370.	182.
2,3-DICHLOROANILINE	608-27-5	1	CHLOROANILINES	23.0	73.1	36.1
2,4,6-TRICHLOROPHENOL	88-06-2	1	CHLOROPHENOLS	85.8	155.	106.
2-BUTANONE	78-93-3	1	KETONES, ALIPHATIC I	878.	4,810.	1,850.
2-PROPANONE	67-64-1	1	KETONES, ALIPHATIC I	2,060.	30,200.	7,970.