United States
Environmental Protection
Agency

Technical Development Document for the Final Effluent Limitations Guidelines and Standards for the Meat and Poultry Products Point Source Category (40 CFR 432)

The full document is available at: http://www.epa.gov/ost/guide/mpp/

EPA-821-R-04-011

APPENDIX E

ATTACHMENTS TO SECTION 13

Subcategory=Poultry -- Option=BAT2

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
AMMONIA AS NITROGEN	6443	SP-2	9.16	3	0	4.46	6.68	9.16	4.46	6.49	14.30	.	.	MG/L
AMMONIA AS NITROGEN	6444	SP-3	46.20	3	0	41.48	30.20	46.20	41.48	15.10	93.30	.	.	MG/L
AMMONIA AS NITROGEN	6445	SP-3+SP-2	0.25	5	0	0.08	0.23	0.25	0.08	0.16	0.38	.	.	MG/L
AMMONIA AS NITROGEN	6445	SP-1	9.43	5	0	1.26	9.37	9.43	1.26	8.15	11.30	.	.	MG/L
AMMONIA AS NITROGEN	6448	SP-4+SP-3	1.27	5	0	0.29	1.39	1.27	0.29	0.96	1.54	.	.	MG/L
AMMONIA AS NITROGEN	6448	SP-2	154.00	5	0	48.31	161.00	154.00	48.31	95.00	208.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6443	SP-2	3293.33	3	0	828.87	2840.00	3293.33	828.87	2790.00	4250.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6444	SP-3	7668.33	3	0	9594.36	3760.00	7668.33	9594.36	645.00	18600.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6445	SP-3+SP-2	2.00	5	5	0.00	2.00	.	.	.	.	2.00	2.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6445	SP-1	1856.00	5	0	225.90	1910.00	1856.00	225.90	1480.00	2060.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6448	SP-4+SP-3	3.80	5	0	0.84	4.00	3.80	0.84	3.00	5.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6448	SP-2	1984.00	5	0	149.60	2050.00	1984.00	149.60	1720.00	2070.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6443	SP-2	3720.00	3	0	1150.61	3900.00	3720.00	1150.61	2490.00	4770.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6444	SP-3	10343.33	3	0	8672.11	7810.00	10343.33	8672.11	3220.00	20000.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6445	SP-3+SP-2	27.60	5	0	10.43	25.00	27.60	10.43	17.00	40.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6445	SP-1	3096.00	5	0	1173.55	2730.00	3096.00	1173.55	1720.00	4530.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6448	SP-4+SP-3	29.60	5	0	3.85	28.00	29.60	3.85	26.00	36.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6448	SP-2	18560.00	5	0	10979.66	17500.00	18560.00	10979.66	9700.00	36800.00	.	.	MG/L
FECAL COLIFORM	6443	SP-2	87500.00	2	0	116672.62	87500.00	87500.00	116672.62	5000.00	170000.00	.	.	/100MLS
FECAL COLIFORM	6445	SP-3+SP-2	4.63	4	3	5.25	2.00	12.50	.	12.50	12.50	2.00	2.00	/100MLS
FECAL COLIFORM	6445	SP-1	1250000.00	4	0	404145.19	1250000.00	1250000.00	404145.19	900000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6448	SP-4+SP-3	418.30	5	0	524.92	170.00	418.30	524.92	41.50	1300.00	.	.	/100MLS
FECAL COLIFORM	6448	SP-2	1460000.00	5	0	313049.52	1600000.00	1460000.00	313049.52	900000.00	1600000.00	.	.	/100MLS
HEXANE EXTRACTABLE MATERIAL	6443	SP-2	792.82	3	0	748.19	390.63	792.82	748.19	331.73	1656.08	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6444	SP-3	423.25	3	0	327.24	238.50	423.25	327.24	230.17	801.08	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6445	SP-3+SP-2	23.58	5	4	39.27	6.00	93.83	.	93.83	93.83	5.92	6.17	MG/L
HEXANE EXTRACTABLE MATERIAL	6445	SP-1	486.80	5	0	45.56	489.67	486.80	45.56	418.33	543.83	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6448	SP-4+SP-3	5.93	5	4	0.25	5.83	6.33	.	6.33	6.33	5.67	6.00	MG/L
HEXANE EXTRACTABLE MATERIAL	6448	SP-2	6225.50	5	0	10385.30	1986.00	6225.50	10385.30	499.17	24739.83	.	.	MG/L
NITRATE/NITRITE	6443	SP-2	1.58	3	2	1.43	0.75	3.23	.	3.23	3.23	0.75	0.75	MG/L
NITRATE/NITRITE	6444	SP-3	0.30	3	3	0.00	0.30	.	.	.	.	0.30	0.30	MG/L
NITRATE/NITRITE	6445	SP-3+SP-2	27.04	5	0	7.22	31.40	27.04	7.22	16.80	33.40	.	.	MG/L
NITRATE/NITRITE	6445	SP-1	2.55	5	0	1.41	2.97	2.55	1.41	0.57	3.93	.	.	MG/L
NITRATE/NITRITE	6448	SP-4+SP-3	64.66	5	0	3.11	63.10	64.66	3.11	62.60	70.00	.	.	MG/L
NITRATE/NITRITE	6448	SP-2	26.02	5	0	6.31	25.50	26.02	6.31	19.00	34.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6443	SP-2	80.13	3	0	61.98	68.80	80.13	61.98	24.60	147.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6444	SP-3	201.87	3	0	119.74	271.00	201.87	119.74	63.60	271.00	.	.	MG/L

Attachment 13-1. Summary Statistics for Proposed Pollutants and Subcategories

Subcategory=Poultry -- Option=BAT2 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
TOTAL KJELDAHL NITROGEN	6445	SP-3+SP-2	1.59	5	0	0.47	1.61	1.59	0.47	1.03	2.25	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6445	SP-1	34.28	5	0	24.59	26.60	34.28	24.59	18.20	77.70	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6448	SP-4+SP-3	1.81	5	0	0.61	1.92	1.81	0.61	1.07	2.51	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6448	SP-2	179.60	5	0	45.87	202.00	179.60	45.87	103.00	212.00	.	.	MG/L
TOTAL NITROGEN	6443	SP-2	81.71	3	0	63.32	69.55	81.71	63.32	25.35	150.23	.	.	MG/L
TOTAL NITROGEN	6444	SP-3	202.17	3	0	119.74	271.30	202.17	119.74	63.90	271.30	.	.	MG/L
TOTAL NITROGEN	6445	SP-3+SP-2	28.63	5	0	7.29	33.01	28.63	7.29	18.08	34.43	.	.	MG/L
TOTAL NITROGEN	6445	SP-1	36.83	5	0	24.29	29.57	36.83	24.29	18.77	79.36	.	.	MG/L
TOTAL NITROGEN	6448	SP-4+SP-3	66.47	5	0	3.49	65.05	66.47	3.49	63.67	72.51	.	.	MG/L
TOTAL NITROGEN	6448	SP-2	205.62	5	0	45.16	221.00	205.62	45.16	128.50	240.60	.	.	MG/L
TOTAL PHOSPHORUS	6443	SP-2	72.20	3	0	21.04	69.40	72.20	21.04	52.70	94.50	.	.	MG/L
TOTAL PHOSPHORUS	6444	SP-3	312.77	3	0	429.05	77.20	312.77	429.05	53.10	808.00	.	.	MG/L
TOTAL PHOSPHORUS	6445	SP-3+SP-2	0.70	5	0	0.70	0.61	0.70	0.70	0.17	1.89	.	.	MG/L
TOTAL PHOSPHORUS	6445	SP-1	11.36	5	0	0.88	11.70	11.36	0.88	10.10	12.40	.	.	MG/L
TOTAL PHOSPHORUS	6448	SP-4+SP-3	15.17	5	0	0.44	15.15	15.17	0.44	14.60	15.60	.	.	MG/L
TOTAL PHOSPHORUS	6448	SP-2	37.54	5	0	8.28	35.90	37.54	8.28	31.10	51.50	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6443	SP-2	7.03	3	0	5.10	9.30	7.03	5.10	1.18	10.60	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6444	SP-3	0.70	3	1	0.47	0.78	0.95	0.24	0.78	1.12	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6445	SP-3+SP-2	0.22	5	4	0.04	0.20	0.30	.	0.30	0.30	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6445	SP-1	0.20	5	5	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6448	SP-4+SP-3	0.20	5	5	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6448	SP-2	0.20	5	5	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL SUSPENDED SOLIDS	6443	SP-2	1656.67	3	0	330.05	1650.00	1656.67	330.05	1330.00	1990.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6444	SP-3	53390.00	3	0	81949.04	7620.00	53390.00	81949.04	4550.00	148000.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6445	SP-3+SP-2	8.00	5	0	3.32	7.00	8.00	3.32	5.00	12.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6445	SP-1	776.00	5	0	57.81	760.00	776.00	57.81	700.00	855.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6448	SP-4+SP-3	9.10	5	0	2.61	10.00	9.10	2.61	5.00	12.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6448	SP-2	3248.00	5	0	2279.19	2260.00	3248.00	2279.19	1860.00	7260.00	.	.	MG/L

Subcategory=Poultry -- Option=PSES1

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
AMMONIA AS NITROGEN	6443	SP-5+SP-4	5.37	3	0	2.11	5.49	5.37	2.11	3.21	7.41	.	.	MG/L
AMMONIA AS NITROGEN	6443	SP-2	9.16	3	0	4.46	6.68	9.16	4.46	6.49	14.30	.	.	MG/L
AMMONIA AS NITROGEN	6443	SP-3	6.98	3	0	1.16	6.31	6.98	1.16	6.31	8.32	.	.	MG/L
AMMONIA AS NITROGEN	6444	SP-5+SP-4	13.40	3	0	2.35	14.25	13.40	2.35	10.74	15.20	.	.	MG/L
AMMONIA AS NITROGEN	6444	SP-3	46.20	3	0	41.48	30.20	46.20	41.48	15.10	93.30	.	.	MG/L
AMMONIA AS NITROGEN	6448	SP-2	154.00	5	0	48.31	161.00	154.00	48.31	95.00	208.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6443	SP-5+SP-4	214.10	3	0	96.04	159.30	214.10	96.04	158.00	325.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6443	SP-2	3293.33	3	0	828.87	2840.00	3293.33	828.87	2790.00	4250.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6443	SP-3	2170.00	3	0	1371.75	2580.00	2170.00	1371.75	640.00	3290.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6444	SP-5+SP-4	203.00	3	0	72.50	187.50	203.00	72.50	139.50	282.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6444	SP-3	7668.33	3	0	9594.36	3760.00	7668.33	9594.36	645.00	18600.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6448	SP-2	1984.00	5	0	149.60	2050.00	1984.00	149.60	1720.00	2070.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6443	SP-5+SP-4	1637.17	3	0	2160.12	431.50	1637.17	2160.12	349.00	4131.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6443	SP-2	3720.00	3	0	1150.61	3900.00	3720.00	1150.61	2490.00	4770.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6443	SP-3	3903.33	3	0	577.35	3570.00	3903.33	577.35	3570.00	4570.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6444	SP-5+SP-4	474.33	3	0	93.28	444.00	474.33	93.28	400.00	579.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6444	SP-3	10343.33	3	0	8672.11	7810.00	10343.33	8672.11	3220.00	20000.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6448	SP-2	18560.00	5	0	10979.66	17500.00	18560.00	10979.66	9700.00	36800.00	.	.	MG/L
FECAL COLIFORM	6443	SP-5+SP-4	801150.00	2	0	1129744.50	801150.00	801150.00	1129744.50	2300.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6443	SP-2	87500.00	2	0	116672.62	87500.00	87500.00	116672.62	5000.00	170000.00	.	.	/100MLS
FECAL COLIFORM	6443	SP-3	1600000.00	2	0	0.00	1600000.00	1600000.00	0.00	1600000.0	1600000.00	.	.	/100MLS
FECAL COLIFORM	6448	SP-2	1460000.00	5	0	313049.52	1600000.00	1460000.00	313049.52	900000.00	1600000.00	.	.	/100MLS
HEXANE EXTRACTABLE MATERIAL	6443	SP-5+SP-4	7.89	2	1	2.82	7.89	9.89	.	9.89	9.89	5.90	5.90	MG/L
HEXANE EXTRACTABLE MATERIAL	6443	SP-2	792.82	3	0	748.19	390.63	792.82	748.19	331.73	1656.08	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6443	SP-3	297.28	2	0	5.49	297.28	297.28	5.49	293.40	301.17	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6444	SP-5+SP-4	19.10	3	0	14.09	14.61	19.10	14.09	7.80	34.89	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6444	SP-3	423.25	3	0	327.24	238.50	423.25	327.24	230.17	801.08	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6448	SP-2	6225.50	5	0	10385.30	1986.00	6225.50	10385.30	499.17	24739.83	.	.	MG/L
NITRATE/NITRITE	6443	SP-5+SP-4	0.99	3	2	0.42	0.75	1.48	.	1.48	1.48	0.75	0.75	MG/L
NITRATE/NITRITE	6443	SP-2	1.58	3	2	1.43	0.75	3.23	.	3.23	3.23	0.75	0.75	MG/L
NITRATE/NITRITE	6443	SP-3	0.75	3	3	0.00	0.75	.	.	.	.	0.75	0.75	MG/L
NITRATE/NITRITE	6444	SP-5+SP-4	0.30	3	3	0.00	0.30	.	.	.	.	0.30	0.30	MG/L
NITRATE/NITRITE	6444	SP-3	0.30	3	3	0.00	0.30	.	.	.	.	0.30	0.30	MG/L
NITRATE/NITRITE	6448	SP-2	26.02	5	0	6.31	25.50	26.02	6.31	19.00	34.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6443	SP-5+SP-4	21.85	3	0	3.95	19.85	21.85	3.95	19.30	26.40	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6443	SP-2	80.13	3	0	61.98	68.80	80.13	61.98	24.60	147.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6443	SP-3	72.17	3	0	27.56	80.90	72.17	27.56	41.30	94.30	.	.	MG/L

Attachment 13-1. Summary Statistics for Proposed Pollutants and Subcategories

Subcategory=Poultry -- Option=PSES1 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
TOTAL KJELDAHL NITROGEN	6444	SP-5+SP-4	46.73	3	0	5.88	43.80	46.73	5.88	42.90	53.50	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6444	SP-3	201.87	3	0	119.74	271.00	201.87	119.74	63.60	271.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6448	SP-2	179.60	5	0	45.87	202.00	179.60	45.87	103.00	212.00	.	.	MG/L
TOTAL NITROGEN	6443	SP-5+SP-4	22.84	3	0	3.78	21.33	22.84	3.78	20.05	27.15	.	.	MG/L
TOTAL NITROGEN	6443	SP-2	81.71	3	0	63.32	69.55	81.71	63.32	25.35	150.23	.	.	MG/L
TOTAL NITROGEN	6443	SP-3	72.92	3	0	27.56	81.65	72.92	27.56	42.05	95.05	.	.	MG/L
TOTAL NITROGEN	6444	SP-5+SP-4	47.03	3	0	5.88	44.10	47.03	5.88	43.20	53.80	.	.	MG/L
TOTAL NITROGEN	6444	SP-3	202.17	3	0	119.74	271.30	202.17	119.74	63.90	271.30	.	.	MG/L
TOTAL NITROGEN	6448	SP-2	205.62	5	0	45.16	221.00	205.62	45.16	128.50	240.60	.	.	MG/L
TOTAL PHOSPHORUS	6443	SP-5+SP-4	17.48	3	0	8.80	13.25	17.48	8.80	11.60	27.60	.	.	MG/L
TOTAL PHOSPHORUS	6443	SP-2	72.20	3	0	21.04	69.40	72.20	21.04	52.70	94.50	.	.	MG/L
TOTAL PHOSPHORUS	6443	SP-3	37.53	3	0	9.31	34.80	37.53	9.31	29.90	47.90	.	.	MG/L
TOTAL PHOSPHORUS	6444	SP-5+SP-4	17.73	3	0	27.43	2.29	17.73	27.43	1.51	49.40	.	.	MG/L
TOTAL PHOSPHORUS	6444	SP-3	312.77	3	0	429.05	77.20	312.77	429.05	53.10	808.00	.	.	MG/L
TOTAL PHOSPHORUS	6448	SP-2	37.54	5	0	8.28	35.90	37.54	8.28	31.10	51.50	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6443	SP-5+SP-4	0.81	3	0	0.19	0.79	0.81	0.19	0.64	1.01	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6443	SP-2	7.03	3	0	5.10	9.30	7.03	5.10	1.18	10.60	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6443	SP-3	0.20	3	2	0.01	0.20	0.21	.	0.21	0.21	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6444	SP-5+SP-4	0.25	3	1	0.05	0.24	0.27	0.04	0.24	0.30	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6444	SP-3	0.70	3	1	0.47	0.78	0.95	0.24	0.78	1.12	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6448	SP-2	0.20	5	5	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL SUSPENDED SOLIDS	6443	SP-5+SP-4	137.50	3	0	22.75	138.00	137.50	22.75	114.50	160.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6443	SP-2	1656.67	3	0	330.05	1650.00	1656.67	330.05	1330.00	1990.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6443	SP-3	1523.33	3	0	213.62	1610.00	1523.33	213.62	1280.00	1680.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6444	SP-5+SP-4	55.50	3	0	4.27	56.00	55.50	4.27	51.00	59.50	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6444	SP-3	53390.00	3	0	81949.04	7620.00	53390.00	81949.04	4550.00	148000.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6448	SP-2	3248.00	5	0	2279.19	2260.00	3248.00	2279.19	1860.00	7260.00	.	.	MG/L

Subcategory=Red Meat -- Option=BAT2

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
AMMONIA AS NITROGEN	6335	SP-2	15.12	5	0	10.85	10.80	15.12	10.85	6.81	34.10	.	.	MG/L

Attachment 13-1. Summary Statistics for Proposed Pollutants and Subcategories

Subcategory=Red Meat -- Option=BAT2 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
AMMONIA AS NITROGEN	6440	SP-5+SP-4	0.13	3	0	0.05	0.13	0.13	0.05	0.08	0.17	.	.	MG/L
AMMONIA AS NITROGEN	6440	SP-3	0.15	3	0	0.06	0.12	0.15	0.06	0.10	0.22	.	.	MG/L
AMMONIA AS NITROGEN	6441	SP-6+SP-5	1.00	3	2	0.00	1.00	1.00	.	1.00	1.00	1.00	1.00	MG/L
AMMONIA AS NITROGEN	6441	SP-1+SP-3	154.16	3	0	13.96	155.78	154.16	13.96	139.46	167.24	.	.	MG/L
AMMONIA AS NITROGEN	6442	SP-5+SP-4	0.79	5	0	0.30	0.79	0.79	0.30	0.44	1.22	.	.	MG/L
AMMONIA AS NITROGEN	6442	SP-1	42.78	5	0	6.65	40.30	42.78	6.65	38.60	54.60	.	.	MG/L
AMMONIA AS NITROGEN	6447	SP-5+SP-4	0.51	3	0	0.14	0.48	0.51	0.14	0.39	0.66	.	.	MG/L
AMMONIA AS NITROGEN	6447	SP-1	101.13	3	0	18.47	94.50	101.13	18.47	86.90	122.00	.	.	MG/L
AMMONIA AS NITROGEN	6447	SP-3	51.73	3	0	43.46	57.20	51.73	43.46	5.79	92.20	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6335	SP-2	1492.00	5	0	227.31	1410.00	1492.00	227.31	1220.00	1820.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6440	SP-5+SP-4	7.00	3	1	1.00	7.00	7.50	0.71	7.00	8.00	6.00	6.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6440	SP-3	1583.33	3	1	853.37	2020.00	2075.00	77.78	2020.00	2130.00	600.0	600.0	MG/L
BIOCHEMICAL OXYGEN DEMAND	6441	SP-6+SP-5	6.30	3	0	4.69	5.02	6.30	4.69	2.39	11.50	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6441	SP-1+SP-3	5966.42	3	0	6381.69	2945.15	5966.42	6381.69	1656.41	13297.70	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6442	SP-5+SP-4	6.80	5	1	1.10	6.00	7.00	1.15	6.00	8.00	6.00	6.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6442	SP-1	6404.00	5	0	1522.41	6320.00	6404.00	1522.41	4340.00	8400.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6447	SP-5+SP-4	4.67	3	1	1.15	4.00	5.00	1.41	4.00	6.00	4.00	4.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6447	SP-1	3870.00	3	0	1461.13	3350.00	3870.00	1461.13	2740.00	5520.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6447	SP-3	3673.33	3	0	844.18	3530.00	3673.33	844.18	2910.00	4580.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6335	SP-2	2630.00	5	0	49.50	2630.00	2630.00	49.50	2570.00	2700.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6440	SP-5+SP-4	33.00	3	0	1.73	34.00	33.00	1.73	31.00	34.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6440	SP-3	3790.00	3	0	2072.61	3670.00	3790.00	2072.61	1780.00	5920.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6441	SP-6+SP-5	22.33	3	1	2.74	21.65	23.50	2.62	21.65	25.35	20.00	20.00	MG/L
CHEMICAL OXYGEN DEMAND	6441	SP-1+SP-3	3459.70	3	0	861.62	3291.87	3459.70	861.62	2694.34	4392.89	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6442	SP-5+SP-4	117.10	5	0	10.47	112.00	117.10	10.47	109.00	135.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6442	SP-1	21880.00	5	0	14876.73	18200.00	21880.00	14876.73	10100.00	47200.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6447	SP-5+SP-4	47.17	3	0	7.15	45.50	47.17	7.15	41.00	55.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6447	SP-1	5940.00	3	0	1098.23	5550.00	5940.00	1098.23	5090.00	7180.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6447	SP-3	7840.00	3	0	980.00	8260.00	7840.00	980.00	6720.00	8540.00	.	.	MG/L
FECAL COLIFORM	6335	SP-2	820000.00	5	0	712039.32	300000.00	820000.00	712039.32	300000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6440	SP-5+SP-4	21.50	3	1	17.54	26.50	31.25	6.72	26.50	36.00	2.00	2.00	/100MLS
FECAL COLIFORM	6440	SP-3	1600000.00	3	0	0.00	1600000.00	1600000.00	0.00	1600000.0	1600000.00	.	.	/100MLS
FECAL COLIFORM	6441	SP-6+SP-5	768.00	3	2	1326.75	2.00	2300.00	.	2300.00	2300.00	2.00	2.00	/100MLS
FECAL COLIFORM	6441	SP-1+SP-3	1062737.80	3	0	604928.39	1180694.79	1062737.80	604928.39	407518.61	1600000.00	.	.	/100MLS
FECAL COLIFORM	6442	SP-5+SP-4	493.30	5	0	1010.54	70.00	493.30	1010.54	3.00	2300.00	.	.	/100MLS
FECAL COLIFORM	6442	SP-1	1600000.00	5	0	0.00	1600000.00	1600000.00	0.00	1600000.0	1600000.00	.	.	/100MLS

Attachment 13-1. Summary Statistics for Proposed Pollutants and Subcategories

Subcategory=Red Meat -- Option=BAT2 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
FECAL COLIFORM	6447	SP-5+SP-4	32.67	3	1	32.08	30.00	48.00	25.46	30.00	66.00	2.00	2.00	/100MLS
FECAL COLIFORM	6447	SP-1	1233333.33	3	0	635085.30	1600000.00	1233333.33	635085.30	500000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6447	SP-3	1600000.00	3	0	0.00	1600000.00	1600000.00	0.00	1600000.0	1600000.00	.	.	/100MLS
HEXANE EXTRACTABLE MATERIAL	6335	SP-2	162.77	5	0	53.24	178.50	162.77	53.24	96.33	230.17	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6440	SP-5+SP-4	5.92	3	3	0.08	5.92	.	.	.	.	5.83	6.00	MG/L
HEXANE EXTRACTABLE MATERIAL	6440	SP-3	164.83	3	0	59.86	160.67	164.83	59.86	107.17	226.67	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6441	SP-6+SP-5	5.79	3	3	0.06	5.78	.	.	.	.	5.73	5.86	MG/L
HEXANE EXTRACTABLE MATERIAL	6441	SP-1+SP-3	113.39	3	0	64.21	99.38	113.39	64.21	57.34	183.45	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6442	SP-5+SP-4	6.07	5	4	0.25	6.00	6.50	.	6.50	6.50	5.83	6.00	MG/L
HEXANE EXTRACTABLE MATERIAL	6442	SP-1	2997.60	5	0	1078.08	3159.50	2997.60	1078.08	1926.83	4556.67	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6447	SP-5+SP-4	11.89	3	0	11.21	5.50	11.89	11.21	5.33	24.83	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6447	SP-1	361.28	3	0	269.23	312.67	361.28	269.23	119.67	651.50	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6447	SP-3	618.94	3	0	219.29	534.00	618.94	219.29	454.83	868.00	.	.	MG/L
NITRATE/NITRITE	6335	SP-2	2.13	5	0	0.15	2.16	2.13	0.15	1.89	2.30	.	.	MG/L
NITRATE/NITRITE	6440	SP-5+SP-4	73.67	3	0	2.83	73.75	73.67	2.83	70.80	76.45	.	.	MG/L
NITRATE/NITRITE	6440	SP-3	0.16	3	0	0.05	0.19	0.16	0.05	0.10	0.19	.	.	MG/L
NITRATE/NITRITE	6441	SP-6+SP-5	162.00	3	0	14.81	160.50	162.00	14.81	148.00	177.50	.	.	MG/L
NITRATE/NITRITE	6441	SP-1+SP-3	0.92	3	2	1.07	0.30	2.15	.	2.15	2.15	0.30	0.30	MG/L
NITRATE/NITRITE	6442	SP-5+SP-4	164.00	5	0	6.52	165.00	164.00	6.52	156.00	172.00	.	.	MG/L
NITRATE/NITRITE	6442	SP-1	0.02	5	2	0.01	0.01	0.02	0.02	0.01	0.04	0.01	0.01	MG/L
NITRATE/NITRITE	6447	SP-5+SP-4	289.50	3	0	21.27	282.00	289.50	21.27	273.00	313.50	.	.	MG/L
NITRATE/NITRITE	6447	SP-1	0.48	3	1	0.42	0.60	0.71	0.16	0.60	0.82	0.01	0.01	MG/L
NITRATE/NITRITE	6447	SP-3	0.19	3	2	0.31	0.01	0.55	.	0.55	0.55	0.01	0.01	MG/L
TOTAL KJELDAHL NITROGEN	6335	SP-2	23.75	2	0	17.32	23.75	23.75	17.32	11.50	36.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6440	SP-5+SP-4	1.82	3	0	0.17	1.84	1.82	0.17	1.65	1.99	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6440	SP-3	110.47	3	0	82.48	153.00	110.47	82.48	15.40	163.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6441	SP-6+SP-5	1.61	3	1	0.72	1.43	1.92	0.69	1.43	2.40	1.00	1.00	MG/L
TOTAL KJELDAHL NITROGEN	6441	SP-1+SP-3	440.63	3	0	53.52	420.92	440.63	53.52	399.76	501.21	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6442	SP-5+SP-4	5.62	5	0	3.19	4.68	5.62	3.19	2.66	11.08	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6442	SP-1	77.58	5	0	54.76	49.50	77.58	54.76	42.50	173.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6447	SP-5+SP-4	3.03	3	0	1.98	2.20	3.03	1.98	1.61	5.29	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6447	SP-1	141.47	3	0	72.42	103.00	141.47	72.42	96.40	225.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6447	SP-3	66.67	3	0	25.87	56.90	66.67	25.87	47.10	96.00	.	.	MG/L
TOTAL NITROGEN	6335	SP-2	25.98	2	0	17.42	25.98	25.98	17.42	13.66	38.30	.	.	MG/L
TOTAL NITROGEN	6440	SP-5+SP-4	75.49	3	0	2.74	75.74	75.49	2.74	72.64	78.10	.	.	MG/L
TOTAL NITROGEN	6440	SP-3	110.63	3	0	82.46	153.10	110.63	82.46	15.59	163.19	.	.	MG/L

Subcategory=Red Meat -- Option=BAT2 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
TOTAL NITROGEN	6441	SP-6+SP-5	163.61	3	0	14.98	162.90	163.61	14.98	149.00	178.93	.	.	MG/L
TOTAL NITROGEN	6441	SP-1+SP-3	441.55	3	0	53.19	423.08	441.55	53.19	400.06	501.51	.	.	MG/L
TOTAL NITROGEN	6442	SP-5+SP-4	169.62	5	0	8.70	167.66	169.62	8.70	160.68	183.08	.	.	MG/L
TOTAL NITROGEN	6442	SP-1	77.60	5	0	54.77	49.52	77.60	54.77	42.51	173.04	.	.	MG/L
TOTAL NITROGEN	6447	SP-5+SP-4	292.53	3	0	20.46	287.29	292.53	20.46	275.20	315.11	.	.	MG/L
TOTAL NITROGEN	6447	SP-1	141.94	3	0	72.54	103.82	141.94	72.54	96.41	225.60	.	.	MG/L
TOTAL NITROGEN	6447	SP-3	66.86	3	0	25.77	57.45	66.86	25.77	47.11	96.01	.	.	MG/L
TOTAL PHOSPHORUS	6335	SP-2	81.68	5	0	4.83	78.90	81.68	4.83	77.60	88.40	.	.	MG/L
TOTAL PHOSPHORUS	6440	SP-5+SP-4	11.65	3	0	0.87	11.85	11.65	0.87	10.70	12.40	.	.	MG/L
TOTAL PHOSPHORUS	6440	SP-3	56.70	3	0	32.99	47.20	56.70	32.99	29.50	93.40	.	.	MG/L
TOTAL PHOSPHORUS	6441	SP-6+SP-5	11.49	3	0	0.50	11.47	11.49	0.50	11.00	12.00	.	.	MG/L
TOTAL PHOSPHORUS	6441	SP-1+SP-3	59.58	3	0	54.47	28.16	59.58	54.47	28.11	122.48	.	.	MG/L
TOTAL PHOSPHORUS	6442	SP-5+SP-4	31.34	5	0	1.15	31.50	31.34	1.15	29.60	32.50	.	.	MG/L
TOTAL PHOSPHORUS	6442	SP-1	30.26	5	0	4.68	32.80	30.26	4.68	23.30	34.70	.	.	MG/L
TOTAL PHOSPHORUS	6447	SP-5+SP-4	14.73	3	0	1.92	14.25	14.73	1.92	13.10	16.85	.	.	MG/L
TOTAL PHOSPHORUS	6447	SP-1	32.17	3	0	3.88	34.10	32.17	3.88	27.70	34.70	.	.	MG/L
TOTAL PHOSPHORUS	6447	SP-3	34.73	3	0	7.65	34.70	34.73	7.65	27.10	42.40	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6335	SP-2	0.25	5	1	0.12	0.24	0.29	0.10	0.16	0.37	0.10	0.10	MG/L
TOTAL RESIDUAL CHLORINE	6440	SP-5+SP-4	0.20	3	3	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6440	SP-3	0.20	3	3	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6441	SP-6+SP-5	0.23	3	1	0.05	0.21	0.25	0.06	0.21	0.29	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6441	SP-1+SP-3	0.22	3	2	0.04	0.20	0.27	.	0.27	0.27	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6442	SP-5+SP-4	0.20	5	5	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6442	SP-1	0.20	5	5	0.00	0.20	.	.	.	.	0.20	0.20	MG/L
TOTAL RESIDUAL CHLORINE	6447	SP-5+SP-4	0.62	3	0	0.29	0.61	0.62	0.29	0.33	0.91	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6447	SP-1	0.40	3	3	0.00	0.40	.	.	.	.	0.40	0.40	MG/L
TOTAL RESIDUAL CHLORINE	6447	SP-3	1.00	3	3	0.00	1.00	.	.	.	.	1.00	1.00	MG/L
TOTAL SUSPENDED SOLIDS	6335	SP-2	362.60	5	0	87.80	360.00	362.60	87.80	233.00	463.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6440	SP-5+SP-4	12.33	3	0	4.25	12.50	12.33	4.25	8.00	16.50	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6440	SP-3	2273.33	3	0	1244.56	2900.00	2273.33	1244.56	840.00	3080.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6441	SP-6+SP-5	28.00	3	0	17.77	18.50	28.00	17.77	17.00	48.50	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6441	SP-1+SP-3	1133.81	3	0	274.82	1213.91	1133.81	274.82	827.83	1359.68	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6442	SP-5+SP-4	22.20	5	0	3.11	22.00	22.20	3.11	19.00	27.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6442	SP-1	3332.00	5	0	465.10	3340.00	3332.00	465.10	2580.00	3820.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6447	SP-5+SP-4	19.17	3	0	2.84	20.00	19.17	2.84	16.00	21.50	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6447	SP-1	836.67	3	0	190.35	850.00	836.67	190.35	640.00	1020.00	.	.	MG/L

Attachment 13-1. Summary Statistics for Proposed Pollutants and Subcategories

Subcategory=Red Meat -- Option=BAT2 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
TOTAL SUSPENDED SOLIDS	6447	SP-3	1510.00	3	0	227.16	1410.00	1510.00	227.16	1350.00	1770.00	.	.	MG/L

Subcategory=Red Meat -- Option=BAT3

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
AMMONIA AS NITROGEN	6335	SP-6	1.87	4	0	1.30	2.08	1.87	1.30	0.33	2.98	.	.	MG/L
AMMONIA AS NITROGEN	6335	SP-2	15.12	5	0	10.85	10.80	15.12	10.85	6.81	34.10	.	.	MG/L
AMMONIA AS NITROGEN	6335	SP-3	272.80	5	0	123.99	251.00	272.80	123.99	140.00	464.00	.	.	MG/L
AMMONIA AS NITROGEN	6447	SP-1	101.13	3	0	18.47	94.50	101.13	18.47	86.90	122.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6335	SP-6	4.60	5	1	1.82	4.00	5.00	1.83	3.00	7.00	3.00	3.00	MG/L
BIOCHEMICAL OXYGEN DEMAND	6335	SP-2	1492.00	5	0	227.31	1410.00	1492.00	227.31	1220.00	1820.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6335	SP-3	2208.00	5	0	518.33	2070.00	2208.00	518.33	1740.00	3100.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6447	SP-1	3870.00	3	0	1461.13	3350.00	3870.00	1461.13	2740.00	5520.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6335	SP-6	26.40	5	0	3.44	25.00	26.40	3.44	23.00	31.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6335	SP-2	2630.00	5	0	49.50	2630.00	2630.00	49.50	2570.00	2700.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6335	SP-3	3994.00	5	0	1199.76	4310.00	3994.00	1199.76	2000.00	4930.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6447	SP-1	5940.00	3	0	1098.23	5550.00	5940.00	1098.23	5090.00	7180.00	.	.	MG/L
FECAL COLIFORM	6335	SP-6	21.50	4	3	39.00	2.00	80.00	.	80.00	80.00	2.00	2.00	/100MLS
FECAL COLIFORM	6335	SP-2	820000.00	5	0	712039.32	300000.00	820000.00	712039.32	300000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6335	SP-3	1380000.00	5	0	491934.96	1600000.00	1380000.00	491934.96	500000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6447	SP-1	1233333.33	3	0	635085.30	1600000.00	1233333.33	635085.30	500000.00	1600000.00	.	.	/100MLS
HEXANE EXTRACTABLE MATERIAL	6335	SP-6	5.90	5	4	0.22	6.00	6.17	.	6.17	6.17	5.67	6.00	MG/L
HEXANE EXTRACTABLE MATERIAL	6335	SP-2	162.77	5	0	53.24	178.50	162.77	53.24	96.33	230.17	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6335	SP-3	345.30	5	0	134.63	271.50	345.30	134.63	266.50	580.33	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6447	SP-1	361.28	3	0	269.23	312.67	361.28	269.23	119.67	651.50	.	.	MG/L
NITRATE/NITRITE	6335	SP-6	6.02	5	0	1.03	5.84	6.02	1.03	4.71	7.14	.	.	MG/L
NITRATE/NITRITE	6335	SP-2	2.13	5	0	0.15	2.16	2.13	0.15	1.89	2.30	.	.	MG/L
NITRATE/NITRITE	6335	SP-3	8.46	5	1	18.75	0.08	10.57	20.96	0.08	42.00	0.01	0.01	MG/L
NITRATE/NITRITE	6447	SP-1	0.48	3	1	0.42	0.60	0.71	0.16	0.60	0.82	0.01	0.01	MG/L
TOTAL KJELDAHL NITROGEN	6335	SP-6	2.00	3	0	1.09	1.42	2.00	1.09	1.33	3.26	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6335	SP-2	23.75	2	0	17.32	23.75	23.75	17.32	11.50	36.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6335	SP-3	261.50	4	0	20.42	262.00	261.50	20.42	237.00	285.00	.	.	MG/L

Subcategory=Red Meat -- Option=BAT3 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
TOTAL KJELDAHL NITROGEN	6447	SP-1	141.47	3	0	72.42	103.00	141.47	72.42	96.40	225.00	.	.	MG/L
TOTAL NITROGEN	6335	SP-6	7.34	3	0	1.30	7.17	7.34	1.30	6.13	8.72	.	.	MG/L
TOTAL NITROGEN	6335	SP-2	25.98	2	0	17.42	25.98	25.98	17.42	13.66	38.30	.	.	MG/L
TOTAL NITROGEN	6335	SP-3	272.05	4	0	32.67	270.10	272.05	32.67	237.01	311.00	.	.	MG/L
TOTAL NITROGEN	6447	SP-1	141.94	3	0	72.54	103.82	141.94	72.54	96.41	225.60	.	.	MG/L
TOTAL PHOSPHORUS	6335	SP-6	6.79	5	0	2.21	7.70	6.79	2.21	3.26	8.90	.	.	MG/L
TOTAL PHOSPHORUS	6335	SP-2	81.68	5	0	4.83	78.90	81.68	4.83	77.60	88.40	.	.	MG/L
TOTAL PHOSPHORUS	6335	SP-3	67.40	5	0	10.63	66.30	67.40	10.63	53.60	83.30	.	.	MG/L
TOTAL PHOSPHORUS	6447	SP-1	32.17	3	0	3.88	34.10	32.17	3.88	27.70	34.70	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6335	SP-6	13.23	5	0	6.96	13.40	13.23	6.96	2.15	19.90	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6335	SP-2	0.25	5	1	0.12	0.24	0.29	0.10	0.16	0.37	0.10	0.10	MG/L
TOTAL RESIDUAL CHLORINE	6335	SP-3	0.84	5	2	0.67	1.00	0.74	0.92	0.10	1.80	1.00	1.00	MG/L
TOTAL RESIDUAL CHLORINE	6447	SP-1	0.40	3	3	0.00	0.40	.	.	.	.	0.40	0.40	MG/L
TOTAL SUSPENDED SOLIDS	6335	SP-6	4.20	5	2	0.45	4.00	4.33	0.58	4.00	5.00	4.00	4.00	MG/L
TOTAL SUSPENDED SOLIDS	6335	SP-2	362.60	5	0	87.80	360.00	362.60	87.80	233.00	463.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6335	SP-3	1670.00	5	0	294.28	1720.00	1670.00	294.28	1250.00	2000.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6447	SP-1	836.67	3	0	190.35	850.00	836.67	190.35	640.00	1020.00	.	.	MG/L

Subcategory=Red Meat -- Option=PSES1

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
AMMONIA AS NITROGEN	6335	SP-4	267.00	5	0	119.16	246.00	267.00	119.16	134.00	441.00	.	.	MG/L
AMMONIA AS NITROGEN	6335	SP-2	15.12	5	0	10.85	10.80	15.12	10.85	6.81	34.10	.	.	MG/L
AMMONIA AS NITROGEN	6335	SP-3	272.80	5	0	123.99	251.00	272.80	123.99	140.00	464.00	.	.	MG/L
AMMONIA AS NITROGEN	6447	SP-1	101.13	3	0	18.47	94.50	101.13	18.47	86.90	122.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6335	SP-4	1264.80	5	0	370.71	1150.00	1264.80	370.71	945.00	1830.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6335	SP-2	1492.00	5	0	227.31	1410.00	1492.00	227.31	1220.00	1820.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6335	SP-3	2208.00	5	0	518.33	2070.00	2208.00	518.33	1740.00	3100.00	.	.	MG/L
BIOCHEMICAL OXYGEN DEMAND	6447	SP-1	3870.00	3	0	1461.13	3350.00	3870.00	1461.13	2740.00	5520.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6335	SP-4	1768.00	5	0	117.13	1820.00	1768.00	117.13	1590.00	1870.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6335	SP-2	2630.00	5	0	49.50	2630.00	2630.00	49.50	2570.00	2700.00	.	.	MG/L
CHEMICAL OXYGEN DEMAND	6335	SP-3	3994.00	5	0	1199.76	4310.00	3994.00	1199.76	2000.00	4930.00	.	.	MG/L

Subcategory=Red Meat -- Option=PSES1 (continued)

Analyte	Episode	Point	Episode Mean	Total Number Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
CHEMICAL OXYGEN DEMAND	6447	SP-1	5940.00	3	0	1098.23	5550.00	5940.00	1098.23	5090.00	7180.00	.	.	MG/L
FECAL COLIFORM	6335	SP-4	1142600.00	5	0	700445.43	1600000.00	1142600.00	700445.43	13000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6335	SP-2	820000.00	5	0	712039.32	300000.00	820000.00	712039.32	300000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6335	SP-3	1380000.00	5	0	491934.96	1600000.00	1380000.00	491934.96	500000.00	1600000.00	.	.	/100MLS
FECAL COLIFORM	6447	SP-1	1233333.33	3	0	635085.30	1600000.00	1233333.33	635085.30	500000.00	1600000.00	.	.	/100MLS
HEXANE EXTRACTABLE MATERIAL	6335	SP-4	16.29	5	0	3.29	15.83	16.29	3.29	13.00	21.80	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6335	SP-2	162.77	5	0	53.24	178.50	162.77	53.24	96.33	230.17	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6335	SP-3	345.30	5	0	134.63	271.50	345.30	134.63	266.50	580.33	.	.	MG/L
HEXANE EXTRACTABLE MATERIAL	6447	SP-1	361.28	3	0	269.23	312.67	361.28	269.23	119.67	651.50	.	.	MG/L
NITRATE/NITRITE	6335	SP-4	0.09	5	0	0.01	0.09	0.09	0.01	0.07	0.10	.	.	MG/L
NITRATE/NITRITE	6335	SP-2	2.13	5	0	0.15	2.16	2.13	0.15	1.89	2.30	.	.	MG/L
NITRATE/NITRITE	6335	SP-3	8.46	5	1	18.75	0.08	10.57	20.96	0.08	42.00	0.01	0.01	MG/L
NITRATE/NITRITE	6447	SP-1	0.48	3	1	0.42	0.60	0.71	0.16	0.60	0.82	0.01	0.01	MG/L
TOTAL KJELDAHL NITROGEN	6335	SP-4	148.00	2	0	14.14	148.00	148.00	14.14	138.00	158.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6335	SP-2	23.75	2	0	17.32	23.75	23.75	17.32	11.50	36.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6335	SP-3	261.50	4	0	20.42	262.00	261.50	20.42	237.00	285.00	.	.	MG/L
TOTAL KJELDAHL NITROGEN	6447	SP-1	141.47	3	0	72.42	103.00	141.47	72.42	96.40	225.00	.	.	MG/L
TOTAL NITROGEN	6335	SP-4	148.08	2	0	14.15	148.08	148.08	14.15	138.07	158.08	.	.	MG/L
TOTAL NITROGEN	6335	SP-2	25.98	2	0	17.42	25.98	25.98	17.42	13.66	38.30	.	.	MG/L
TOTAL NITROGEN	6335	SP-3	272.05	4	0	32.67	270.10	272.05	32.67	237.01	311.00	.	.	MG/L
TOTAL NITROGEN	6447	SP-1	141.94	3	0	72.54	103.82	141.94	72.54	96.41	225.60	.	.	MG/L
TOTAL PHOSPHORUS	6335	SP-4	31.88	5	0	9.24	32.50	31.88	9.24	23.50	46.40	.	.	MG/L
TOTAL PHOSPHORUS	6335	SP-2	81.68	5	0	4.83	78.90	81.68	4.83	77.60	88.40	.	.	MG/L
TOTAL PHOSPHORUS	6335	SP-3	67.40	5	0	10.63	66.30	67.40	10.63	53.60	83.30	.	.	MG/L
TOTAL PHOSPHORUS	6447	SP-1	32.17	3	0	3.88	34.10	32.17	3.88	27.70	34.70	.	.	MG/L
TOTAL RESIDUAL CHLORINE	6335	SP-4	0.10	5	4	0.00	0.10	0.11	.	0.11	0.11	0.10	0.10	MG/L
TOTAL RESIDUAL CHLORINE	6335	SP-2	0.25	5	1	0.12	0.24	0.29	0.10	0.16	0.37	0.10	0.10	MG/L
TOTAL RESIDUAL CHLORINE	6335	SP-3	0.84	5	2	0.67	1.00	0.74	0.92	0.10	1.80	1.00	1.00	MG/L
TOTAL RESIDUAL CHLORINE	6447	SP-1	0.40	3	3	0.00	0.40	.	.	.	.	0.40	0.40	MG/L
TOTAL SUSPENDED SOLIDS	6335	SP-4	275.20	5	0	34.35	263.00	275.20	34.35	253.00	335.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6335	SP-2	362.60	5	0	87.80	360.00	362.60	87.80	233.00	463.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6335	SP-3	1670.00	5	0	294.28	1720.00	1670.00	294.28	1250.00	2000.00	.	.	MG/L
TOTAL SUSPENDED SOLIDS	6447	SP-1	836.67	3	0	190.35	850.00	836.67	190.35	640.00	1020.00	.	.	MG/L

---------- Subcategory=Poultry -- Option=BAT2 -- Processing=First ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6445	350.2	0.250	2.051	1.126	1.103
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6445	405.1	2.000	.	.	.
CHEMICAL OXYGEN DEMAND	C004	MG/L	6445	410.2	28.024	2.271	1.147	1.120
FECAL COLIFORM	C2106	/100MLS	6445	9221E	4.625	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6445	1664	23.583	.	.	.
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6445	330.5	0.220	.	.	.
TOTAL SUSPENDED SOLIDS	C009	MG/L	6445	160.2	8.143	2.426	1.161	1.131

---------- Subcategory=Poultry -- Option=BAT2 -- Processing=Further ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6443	350.2	0.295	.	.	.
AMMONIA AS NITROGEN	7664417	MG/L	6444	350.2	1.407	.	.	.
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6443	405.1	3.573	.	.	.
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6444	405.1	10.931	.	.	.
CHEMICAL OXYGEN DEMAND	C004	MG/L	6443	410.4	35.305	.	.	.
CHEMICAL OXYGEN DEMAND	C004	MG/L	6444	410.4	107.354	.	.	.
FECAL COLIFORM	C2106	/100MLS	6443	9221E	4.625	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6443	1664	45.503	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6444	1664	29.004	.	.	.
TOTAL SUSPENDED SOLIDS	C009	MG/L	6443	160.2	17.494	.	.	.
TOTAL SUSPENDED SOLIDS	C009	MG/L	6444	160.2	1057.618	.	.	.

---------- Subcategory=Poultry -- Option=BAT2 -- Processing=Rendering ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6448	350.2	4.122	.	.	.
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6448	405.1	2.164	.	.	.
CHEMICAL OXYGEN DEMAND	C004	MG/L	6448	410.1	168.925	.	.	.
FECAL COLIFORM	C2106	/100MLS	6448	9221E	5.601	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6448	1664	334.962	.	.	.

Attachment 13-2 Episode-Specific Long-Term Averages and Variability Factors

Subcategory=Poultry -- Option=BAT2 -- Processing=Rendering (continued)

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
TOTAL SUSPENDED SOLIDS	C009	MG/L	6448	160.2	34.383	.	.	.

Subcategory=Poultry -- Option=PSES1 -- Processing=First

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6443	1664	5.000	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6444	1664	21.391	4.337	1.321	1.262

Subcategory=Poultry -- Option=PSES1 -- Processing=Further

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6443	1664	23.512	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6444	1664	12.057	4.337	1.321	1.262

Subcategory=Poultry -- Option=PSES1 -- Processing=Rendering

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6448	1664	183.742	.	.	.

Subcategory=Red Meat -- Option=BAT2 -- Processing=First

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6440	350.2	0.130	2.261	1.146	1.119
AMMONIA AS NITROGEN	7664417	MG/L	6441	350.2	1.000	.	.	.

---------- Subcategory=Red Meat -- Option=BAT2 -- Processing=First ---------- (continued)

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6442	350.2	0.888	2.307	1.150	1.123
AMMONIA AS NITROGEN	7664417	MG/L	6447	350.2	0.516	1.788	1.099	1.081
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6440	405.1	8.267	1.310	1.048	1.039
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6441	405.1	9.480	4.568	1.340	1.278
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6442	405.1	7.601	1.474	1.061	1.050
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6447	405.1	5.188	1.927	1.103	1.084
CHEMICAL OXYGEN DEMAND	C004	MG/L	6440	410.2	33.016	1.130	1.020	1.016
CHEMICAL OXYGEN DEMAND	C004	MG/L	6441	410.4	22.382	1.333	1.045	1.037
CHEMICAL OXYGEN DEMAND	C004	MG/L	6442	410.1	136.354	1.216	1.032	1.026
CHEMICAL OXYGEN DEMAND	C004	MG/L	6447	410.2	52.041	1.398	1.055	1.045
FECAL COLIFORM	C2106	/100MLS	6440	9221E	21.747	2.273	1.255	1.208
FECAL COLIFORM	C2106	/100MLS	6441	9221E	1503.957	.	.	.
FECAL COLIFORM	C2106	/100MLS	6442	9221E	1524.496	14.796	8.924	7.470
FECAL COLIFORM	C2106	/100MLS	6447	9221E	35.319	4.224	1.362	1.296
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6440	1664	5.917	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6441	1664	5.792	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6442	1664	6.067	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6447	1664	18.802	5.254	1.397	1.324
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6440	330.5	0.200	.	.	.
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6441	330.5	0.232	1.726	1.084	1.069
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6442	330.5	0.200	.	.	.
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6447	330.5	0.811	2.878	1.201	1.164
TOTAL SUSPENDED SOLIDS	C009	MG/L	6440	160.2	13.365	2.188	1.139	1.113
TOTAL SUSPENDED SOLIDS	C009	MG/L	6441	160.2	40.282	3.272	1.234	1.191
TOTAL SUSPENDED SOLIDS	C009	MG/L	6442	160.2	24.104	1.361	1.050	1.041
TOTAL SUSPENDED SOLIDS	C009	MG/L	6447	160.2	22.976	1.414	1.057	1.047

---------- Subcategory=Red Meat -- Option=BAT2 -- Processing=Further ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6335	350.2	0.516	.	.	.
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6335	405.1	4.736	.	.	.
CHEMICAL OXYGEN DEMAND	C004	MG/L	6335	410.1	47.337	.	.	.

Attachment 13-2. Episode-Specific Long-Term Averages and Variability Factors

Subcategory=Red Meat -- Option=BAT2 -- Processing=Further (continued)

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
FECAL COLIFORM	C2106	/100MLS	6335	9221E	298.696	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6335	1664	13.245	.	.	.
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6335	HACH 8167	0.645	.	.	.
TOTAL SUSPENDED SOLIDS	C009	MG/L	6335	160.2	19.246	.	.	.

Subcategory=Red Meat -- Option=BAT2 -- Processing=Rendering

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6440	350.2	1.286	2.261	1.146	1.119
AMMONIA AS NITROGEN	7664417	MG/L	6441	350.2	1.286	.	.	.
AMMONIA AS NITROGEN	7664417	MG/L	6442	350.2	1.286	2.307	1.150	1.123
AMMONIA AS NITROGEN	7664417	MG/L	6447	350.2	1.286	1.788	1.099	1.081
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6440	405.1	7.011	1.310	1.048	1.039
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6441	405.1	7.035	4.568	1.340	1.278
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6442	405.1	6.820	1.474	1.061	1.050
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6447	405.1	5.333	1.927	1.103	1.084
CHEMICAL OXYGEN DEMAND	C004	MG/L	6440	410.1	37.525	1.130	1.020	1.016
CHEMICAL OXYGEN DEMAND	C004	MG/L	6441	410.1	37.094	1.333	1.045	1.037
CHEMICAL OXYGEN DEMAND	C004	MG/L	6442	410.1	117.176	1.216	1.032	1.026
CHEMICAL OXYGEN DEMAND	C004	MG/L	6447	410.1	47.337	1.398	1.055	1.045
FECAL COLIFORM	C2106	/100MLS	6440	9221E	455.435	2.273	1.255	1.208
FECAL COLIFORM	C2106	/100MLS	6441	9221E	768.000	.	.	.
FECAL COLIFORM	C2106	/100MLS	6442	9221E	1194.777	14.796	8.924	7.470
FECAL COLIFORM	C2106	/100MLS	6447	9221E	455.435	4.224	1.362	1.296
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6440	1664	11.565	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6441	1664	11.546	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6442	1664	11.589	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6447	1664	14.997	5.254	1.397	1.324
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6440	330.5	0.400	.	.	.
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6441	330.5	0.400	1.726	1.084	1.069
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6442	330.5	0.400	.	.	.
TOTAL RESIDUAL CHLORINE	7782505	MG/L	6447	330.5	0.645	2.878	1.201	1.164
TOTAL SUSPENDED SOLIDS	C009	MG/L	6440	160.2	12.632	2.188	1.139	1.113

Attachment 13-2 Episode-Specific Long-Term Averages and Variability Factors

Subcategory=Red Meat -- Option=BAT2 -- Processing=Rendering (continued)

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
TOTAL SUSPENDED SOLIDS	C009	MG/L	6441	160.2	29.384	3.272	1.234	1.191
TOTAL SUSPENDED SOLIDS	C009	MG/L	6442	160.2	22.238	1.361	1.050	1.041
TOTAL SUSPENDED SOLIDS	C009	MG/L	6447	160.2	19.246	1.414	1.057	1.047

Subcategory=Red Meat -- Option=BAT3 -- Processing=First

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6335	350.2	3.754	6.485	1.508	1.415
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6335	405.1	6.851	2.400	1.158	1.129
FECAL COLIFORM	C2106	/100MLS	6335	9221E	92.604	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6335	1664	5.900	.	.	.
NITRATE/NITRITE	C005	MG/L	6335	353.1	7.893	1.475	1.064	1.053
TOTAL KJELDAHL NITROGEN	C021	MG/L	6335	351.3	2.077	2.823	1.196	1.160
TOTAL NITROGEN	C005+C021	MG/L	6335	351.3	7.378	1.485	1.065	1.053
TOTAL PHOSPHORUS	14265442	MG/L	6335	365.2	7.864	2.350	1.154	1.126
TOTAL SUSPENDED SOLIDS	C009	MG/L	6335	160.2	4.925	1.347	1.041	1.033

Subcategory=Red Meat -- Option=BAT3 -- Processing=Further

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6335	350.2	2.343	6.485	1.508	1.415
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6335	405.1	4.683	2.400	1.158	1.129
FECAL COLIFORM	C2106	/100MLS	6335	9221E	22.385	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6335	1664	5.900	.	.	.
NITRATE/NITRITE	C005	MG/L	6335	353.1	6.043	1.475	1.064	1.053
TOTAL KJELDAHL NITROGEN	C021	MG/L	6335	351.3	2.077	2.823	1.196	1.160
TOTAL NITROGEN	C005+C021	MG/L	6335	351.3	7.378	1.485	1.065	1.053
TOTAL PHOSPHORUS	14265442	MG/L	6335	365.2	8.422	2.350	1.154	1.126
TOTAL SUSPENDED SOLIDS	C009	MG/L	6335	160.2	4.207	1.347	1.041	1.033

Attachment 13-2 Episode-Specific Long-Term Averages and Variability Factors

---------- Subcategory=Red Meat -- Option=BAT3 -- Processing=Rendering ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6447	350.2	2.343	.	.	.
BIOCHEMICAL OXYGEN DEMAND	C003	MG/L	6447	405.1	8.346	.	.	.
FECAL COLIFORM	C2106	/100MLS	6447	9221E	22.978	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6447	1664	7.772	.	.	.
NITRATE/NITRITE	C005	MG/L	6447	353.1	6.043	.	.	.
TOTAL KJELDAHL NITROGEN	C021	MG/L	6447	351.3	2.077	.	.	.
TOTAL NITROGEN	C005+C021	MG/L	6447	351.3	7.378	.	.	.
TOTAL PHOSPHORUS	14265442	MG/L	6447	365.2	6.965	.	.	.
TOTAL SUSPENDED SOLIDS	C009	MG/L	6447	160.2	4.207	.	.	.

---------- Subcategory=Red Meat -- Option=PSES1 -- Processing=First ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6335	350.2	1092.514	2.614	.	1.145
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6335	1664	37.409	1.525	.	1.057

---------- Subcategory=Red Meat -- Option=PSES1 -- Processing=Further ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6335	350.2	15.086	2.614	.	1.145
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6335	1664	7.816	1.525	.	1.057

---------- Subcategory=Red Meat -- Option=PSES1 -- Processing=Rendering ----------

Analyte	CAS_NO	Unit	Episode	Method	Est. LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.
AMMONIA AS NITROGEN	7664417	MG/L	6447	350.2	99.697	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	MG/L	6447	1664	19.573	.	.	.

Attachment 13-3. Concentration-Based Limitations

Subcategory=Independent -- Option=BPT2 -- Processing=Rendering

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	3.2325	2.0850	1.1287	1.1051	6.7397	3.6487	3.5723
BIOCHEMICAL OXYGEN DEMAND	C003	2.0	MG/L	MG/L	6.5146	2.3199	1.1380	1.1127	15.1132	7.4137	7.2487
CHEMICAL OXYGEN DEMAND	C004	5.0	MG/L	MG/L	36.0354	1.7700	1.0922	1.0753	63.7842	39.3595	38.7495
FECAL COLIFORM	C2106	2.0	/100MLS	/100MLS	316.6088	7.0979	3.8472	3.3247	2,247.2448	1,218.0526	1,052.6346
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	15.5386	5.2542	1.3973	1.3244	81.6432	21.7119	20.5791
TOTAL RESIDUAL CHLORINE	7782505	0.2	MG/L	MG/L	0.4000	2.3018	1.1423	1.1162	0.9207	0.4569	0.4465
TOTAL SUSPENDED SOLIDS	C009	4.0	MG/L	MG/L	27.5626	2.2423	1.1405	1.1147	61.8038	31.4350	30.7244

Subcategory=Poultry -- Option=BAT2 -- Processing=First

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	2.3426	6.4850	1.5079	1.4147	15.1866	3.5334	3.2994
BIOCHEMICAL OXYGEN DEMAND	C003	2.0	MG/L	MG/L	4.6827	2.4003	1.1580	1.1290	11.2402	5.4224	5.2867
FECAL COLIFORM	C2106	2.0	/100MLS	/100MLS	21.5000	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	23.5833	5.2542	1.3973	1.3244	123.9116	32.9527	31.2334
TOTAL RESIDUAL CHLORINE	7782505	0.2	MG/L	MG/L	15.9610	.	.	.	.	.	.
TOTAL SUSPENDED SOLIDS	C009	4.0	MG/L	MG/L	8.1429	2.4260	1.1610	1.1314	19.7548	9.4536	9.2131

Subcategory=Poultry -- Option=BAT2 -- Processing=Further

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	2.3426	6.4850	1.5079	1.4147	15.1866	3.5334	3.2994
BIOCHEMICAL OXYGEN DEMAND	C003	2.0	MG/L	MG/L	7.2518	2.4003	1.1580	1.1290	17.4068	8.3973	8.1871
FECAL COLIFORM	C2106	2.0	/100MLS	/100MLS	21.5000	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	37.2537	5.2542	1.3973	1.3244	195.7382	52.0540	49.3381
TOTAL SUSPENDED SOLIDS	C009	4.0	MG/L	MG/L	9.7600	2.4260	1.1610	1.1314	23.6780	11.3311	11.0428

Subcategory=Poultry -- Option=BAT2 -- Processing=Rendering

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	4.1224	6.4850	1.5079	1.4147	26.7388	6.2212	5.8092
BIOCHEMICAL OXYGEN DEMAND	C003	2.0	MG/L	MG/L	4.6827	2.4003	1.1580	1.1290	11.2402	5.4224	5.2867
CHEMICAL OXYGEN DEMAND	C004	5.0	MG/L	MG/L	29.6394	2.2705	1.1467	1.1198	67.2972	33.9874	33.1895
FECAL COLIFORM	C2106	2.0	/100MLS	/100MLS	21.5000	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	19.5000	5.2542	1.3973	1.3244	102.4569	27.2471	25.8255
TOTAL SUSPENDED SOLIDS	C009	4.0	MG/L	MG/L	34.3830	2.4260	1.1610	1.1314	83.4139	39.9176	38.9020

Subcategory=Poultry -- Option=BAT3 -- Processing=First

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	2.3426	6.4850	1.5079	1.4147	15.1918	3.5323	3.3140

Attachment 13-3. Concentration-Based Limitations

Subcategory=Poultry -- Option=BAT3 -- Processing=First (continued)

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
BIOCHEMICAL OXYGEN DEMAND	C003	2.00	MG/L	MG/L	4.6827	2.4003	1.1580	1.1290	11.2402	5.4224	5.2867
FECAL COLIFORM	C2106	2.00	/100MLS	/100MLS	21.5000	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.00	MG/L	MG/L	23.2225	5.2542	1.3973	1.3244	122.0159	32.4485	30.7555
NITRATE/NITRITE	C005	0.05	MG/L	MG/L	6.0431	1.4754	1.0644	1.0525	8.9158	6.4320	6.3606
TOTAL KJELDAHL NITROGEN	C021	0.50	MG/L	MG/L	2.0766	2.8230	1.1959	1.1600	5.8623	2.4835	2.4088
TOTAL NITROGEN	C005+C021	0.55	MG/L	MG/L	7.3779	2.8230	1.1959	1.1600	20.8279	8.8235	8.5582
TOTAL PHOSPHORUS	14265442	0.01	MG/L	MG/L	6.9647	2.3499	1.1540	1.1258	16.3664	8.0375	7.8406
TOTAL RESIDUAL CHLORINE	7782505	0.20	MG/L	MG/L	15.9610	5.4976	1.4182	1.3415	87.7476	22.6365	21.4115
TOTAL SUSPENDED SOLIDS	C009	4.00	MG/L	MG/L	4.2069	1.3473	1.0408	1.0333	5.6680	4.3786	4.3471

Subcategory=Poultry -- Option=BAT3 -- Processing=Further

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.20	MG/L	MG/L	2.3426	6.4850	1.5079	1.4147	15.1918	3.5323	3.3140
BIOCHEMICAL OXYGEN DEMAND	C003	2.00	MG/L	MG/L	7.1697	2.4003	1.1580	1.1290	17.2098	8.3022	8.0944
FECAL COLIFORM	C2106	2.00	/100MLS	/100MLS	21.5000	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.00	MG/L	MG/L	16.5952	5.2542	1.3973	1.3244	87.1946	23.1883	21.9784
NITRATE/NITRITE	C005	0.05	MG/L	MG/L	6.0431	1.4754	1.0644	1.0525	8.9158	6.4320	6.3606
TOTAL KJELDAHL NITROGEN	C021	0.50	MG/L	MG/L	4.9440	2.8230	1.1959	1.1600	13.9567	5.9126	5.7348
TOTAL NITROGEN	C005+C021	0.55	MG/L	MG/L	7.3779	2.8230	1.1959	1.1600	20.8279	8.8235	8.5582
TOTAL PHOSPHORUS	14265442	0.01	MG/L	MG/L	6.9647	2.3499	1.1540	1.1258	16.3664	8.0375	7.8406
TOTAL RESIDUAL CHLORINE	7782505	0.20	MG/L	MG/L	15.9610	5.4976	1.4182	1.3415	87.7476	22.6365	21.4115
TOTAL SUSPENDED SOLIDS	C009	4.00	MG/L	MG/L	4.2069	1.3473	1.0408	1.0333	5.6680	4.3786	4.3471

Subcategory=Poultry -- Option=BAT3 -- Processing=Rendering

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.20	MG/L	MG/L	2.3426	6.4850	1.5079	1.4147	15.1918	3.5323	3.3140
BIOCHEMICAL OXYGEN DEMAND	C003	2.00	MG/L	MG/L	4.6827	2.4003	1.1580	1.1290	11.2402	5.4224	5.2867
FECAL COLIFORM	C2106	2.00	/100MLS	/100MLS	21.5000	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.00	MG/L	MG/L	13.0906	5.2542	1.3973	1.3244	68.7808	18.2914	17.3370
NITRATE/NITRITE	C005	0.05	MG/L	MG/L	6.0431	1.4754	1.0644	1.0525	8.9158	6.4320	6.3606
TOTAL KJELDAHL NITROGEN	C021	0.50	MG/L	MG/L	4.0956	2.8230	1.1959	1.1600	11.5619	4.8980	4.7508
TOTAL NITROGEN	C005+C021	0.55	MG/L	MG/L	7.3779	2.8230	1.1959	1.1600	20.8279	8.8235	8.5582
TOTAL PHOSPHORUS	14265442	0.01	MG/L	MG/L	6.9647	2.3499	1.1540	1.1258	16.3664	8.0375	7.8406
TOTAL RESIDUAL CHLORINE	7782505	0.20	MG/L	MG/L	15.9610	5.4976	1.4182	1.3415	87.7476	22.6365	21.4115
TOTAL SUSPENDED SOLIDS	C009	4.00	MG/L	MG/L	6.9734	1.3473	1.0408	1.0333	9.3954	7.2581	7.2059

Subcategory=Poultry -- Option=PSES1 -- Processing=First

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
HEXANE EXTRACTABLE MATERIAL	C036	5	MG/L	MG/L	13.1953	4.3370	1.3209	1.2620	57.2276	17.4296	16.6526

Attachment 13-3. Concentration-Based Limitations

---------- Subcategory=Poultry -- Option=PSES1 -- Processing=Further ----------

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
HEXANE EXTRACTABLE MATERIAL	C036	5	MG/L	MG/L	17.7848	4.3370	1.3209	1.2620	77.1322	23.4919	22.4446

---------- Subcategory=Poultry -- Option=PSES1 -- Processing=Rendering ----------

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
HEXANE EXTRACTABLE MATERIAL	C036	5	MG/L	MG/L	183.7416	4.3370	1.3209	1.2620	796.8813	242.7032	231.8835

---------- Subcategory=Red Meat -- Option=BAT3 -- Processing=First ----------

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.20	MG/L	MG/L	3.7540	6.4850	.	1.4147	24.3446	.	5.3106
BIOCHEMICAL OXYGEN DEMAND	C003	2.00	MG/L	MG/L	6.8507	2.4003	.	1.1290	16.4439	.	7.7342
FECAL COLIFORM	C2106	2.00	/100MLS	/100MLS	92.6042	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.00	MG/L	MG/L	5.9000	5.2542	.	1.3244	30.9998	.	7.8139
NITRATE/NITRITE	C005	0.05	MG/L	MG/L	7.8935	1.4754	.	1.0525	11.6458	.	8.3082
TOTAL KJELDAHL NITROGEN	C021	0.50	MG/L	MG/L	2.0766	2.8230	.	1.1600	5.8623	.	2.4088
TOTAL NITROGEN	C005+C021	0.55	MG/L	MG/L	7.3779	2.8230	.	1.1600	20.8279	.	8.5582
TOTAL PHOSPHORUS	14265442	0.01	MG/L	MG/L	7.8639	2.3499	.	1.1258	18.4795	.	8.8529
TOTAL SUSPENDED SOLIDS	C009	4.00	MG/L	MG/L	4.9254	1.3473	.	1.0333	6.6361	.	5.0896

---------- Subcategory=Red Meat -- Option=BAT3 -- Processing=Further ----------

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.20	MG/L	MG/L	2.3426	6.4850	.	1.4147	15.1918	.	3.3140
BIOCHEMICAL OXYGEN DEMAND	C003	2.00	MG/L	MG/L	4.6827	2.4003	.	1.1290	11.2402	.	5.2867
FECAL COLIFORM	C2106	2.00	/100MLS	/100MLS	22.3854	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.00	MG/L	MG/L	5.9000	5.2542	.	1.3244	30.9998	.	7.8139
NITRATE/NITRITE	C005	0.05	MG/L	MG/L	6.0431	1.4754	.	1.0525	8.9158	.	6.3606
TOTAL KJELDAHL NITROGEN	C021	0.50	MG/L	MG/L	2.0766	2.8230	.	1.1600	5.8623	.	2.4088
TOTAL NITROGEN	C005+C021	0.55	MG/L	MG/L	7.3779	2.8230	.	1.1600	20.8279	.	8.5582
TOTAL PHOSPHORUS	14265442	0.01	MG/L	MG/L	8.4222	2.3499	.	1.1258	19.7916	.	9.4815
TOTAL SUSPENDED SOLIDS	C009	4.00	MG/L	MG/L	4.2069	1.3473	.	1.0333	5.6680	.	4.3471

---------- Subcategory=Red Meat -- Option=BAT3 -- Processing=Rendering ----------

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.20	MG/L	MG/L	2.3426	6.4850	.	1.4147	15.1918	.	3.3140
BIOCHEMICAL OXYGEN DEMAND	C003	2.00	MG/L	MG/L	8.3465	2.4003	.	1.1290	20.0345	.	9.4230
FECAL COLIFORM	C2106	2.00	/100MLS	/100MLS	22.9777	.	.	.	.	.	.
HEXANE EXTRACTABLE MATERIAL	C036	5.00	MG/L	MG/L	7.7720	5.2542	.	1.3244	40.8356	.	10.2931
NITRATE/NITRITE	C005	0.05	MG/L	MG/L	6.0431	1.4754	.	1.0525	8.9158	.	6.3606

Attachment 13-3. Concentration-Based Limitations

Subcategory=Red Meat -- Option=BAT3 -- Processing=Rendering (continued)

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
TOTAL KJELDAHL NITROGEN	C021	0.50	MG/L	MG/L	2.0766	2.8230	.	1.1600	5.8623	.	2.4088
TOTAL NITROGEN	C005+C021	0.55	MG/L	MG/L	7.3779	2.8230	.	1.1600	20.8279	.	8.5582
TOTAL PHOSPHORUS	14265442	0.01	MG/L	MG/L	6.9647	2.3499	.	1.1258	16.3664	.	7.8406
TOTAL SUSPENDED SOLIDS	C009	4.00	MG/L	MG/L	4.2069	1.3473	.	1.0333	5.6680	.	4.3471

Subcategory=Red Meat -- Option=BPT2 -- Processing=First

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
CHEMICAL OXYGEN DEMAND	C004	5	MG/L	MG/L	42.5286	1.2696	.	1.0309	53.9924	.	43.8410

Subcategory=Red Meat -- Option=BPT2 -- Processing=Further

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
CHEMICAL OXYGEN DEMAND	C004	5	MG/L	MG/L	47.3372	1.2696	.	1.0309	60.0973	.	48.7981

Subcategory=Red Meat -- Option=BPT2 -- Processing=Rendering

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	2.3426	2.1189	.	1.1075	4.9637	.	2.5945
BIOCHEMICAL OXYGEN DEMAND	C003	2.0	MG/L	MG/L	8.3465	2.3199	.	1.1127	19.3629	.	9.2870
CHEMICAL OXYGEN DEMAND	C004	5.0	MG/L	MG/L	42.4314	1.2696	.	1.0309	53.8690	.	43.7408
FECAL COLIFORM	C2106	2.0	/100MLS	/100MLS	611.7175	7.0979	.	3.3247	4,341.8856	.	2,033.7878
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	11.5773	5.2542	.	1.3244	60.8294	.	15.3328
TOTAL RESIDUAL CHLORINE	7782505	0.2	MG/L	MG/L	0.4000	2.3018	.	1.1162	0.9207	.	0.4465
TOTAL SUSPENDED SOLIDS	C009	4.0	MG/L	MG/L	20.7423	2.0586	.	1.0980	42.6997	.	22.7749

Subcategory=Red Meat -- Option=PSES1 -- Processing=First

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	1,092.5140	2.6138	.	1.1451	2,855.5686	.	1,251.0569
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	37.4089	1.5253	.	1.0573	57.0581	.	39.5531

Subcategory=Red Meat -- Option=PSES1 -- Processing=Further

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	15.0862	2.6138	.	1.1451	39.4316	.	17.2754
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	7.8163	1.5253	.	1.0573	11.9218	.	8.2643

Attachment 13-3. Concentration-Based Limitations

Subcategory=Red Meat -- Option=PSES1 -- Processing=Rendering

Analyte	CAS Number	Baseline Value	Baseline Unit	Unit	LTA	1-Day V.F.	20-Day V.F.	30-Day V.F.	Daily Limit	20-Day Limit	30-Day Limit
AMMONIA AS NITROGEN	7664417	0.2	MG/L	MG/L	99.6971	2.6138	.	1.1451	260.5842	.	114.1649
HEXANE EXTRACTABLE MATERIAL	C036	5.0	MG/L	MG/L	19.5734	1.5253	.	1.0573	29.8544	.	20.6953

Attachment 13-4. Production Values

Meat	First Processing	322.8 gal/1000 lb LWK[1]
	Further Processing	555.4 gal/1000 lb FP[2]
	Meat Cutting	130.4 gal/1000 lb FP
	Rendering	346.0 gal/1000 lb RM[3]
Poultry	First Processing	1,289 gal/1000 lb LWK
	Further Processing	315.7 gal/1000 lb FP
	Rendering	346.0 gal/1000 lb RM
Independent Rendering		346.0 gal/1000 lb RM

[1]Live Weight Killed
[2]Finished Product
[3]Raw Material

Attachment 13-5. Production-Normalized Limitations

Meat Type=Independent -- Option=BPT2 -- Processing=Rendering

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Renderers	346.0	gal/1000 lb RM	0.00933	0.0194	0.0105	0.0103	lb/1000 lb RM
BIOCHEMICAL OXYGEN DEMAND	C003	Renderers	346.0	gal/1000 lb RM	0.0188	0.0436	0.0214	0.0209	lb/1000 lb RM
CHEMICAL OXYGEN DEMAND	C004	Renderers	346.0	gal/1000 lb RM	0.104	0.184	0.113	0.111	lb/1000 lb RM
FECAL COLIFORM	C2106	Renderers	346.0	gal/1000 lb RM	0.914	6.48	3.51	3.03	lb/1000 lb RM
HEXANE EXTRACTABLE MATERIAL	C036	Renderers	346.0	gal/1000 lb RM	0.0448	0.235	0.0626	0.0594	lb/1000 lb RM
TOTAL RESIDUAL CHLORINE	7782505	Renderers	346.0	gal/1000 lb RM	0.00115	0.00265	0.00131	0.00128	lb/1000 lb RM
TOTAL SUSPENDED SOLIDS	C009	Renderers	346.0	gal/1000 lb RM	0.0795	0.178	0.0907	0.0887	lb/1000 lb RM

Meat Type=Poultry -- Option=BAT2 -- Processing=First

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	First Processors	1289	gal/1000 lb LWK	0.0252	0.163	0.0380	0.0355	lb/1000 lb LWK
BIOCHEMICAL OXYGEN DEMAND	C003	First Processors	1289	gal/1000 lb LWK	0.0503	0.120	0.0583	0.0568	lb/1000 lb LWK
FECAL COLIFORM	C2106	First Processors	1289	gal/1000 lb LWK	0.231	.	.	.	lb/1000 lb LWK
HEXANE EXTRACTABLE MATERIAL	C036	First Processors	1289	gal/1000 lb LWK	0.253	1.33	0.354	0.335	lb/1000 lb LWK
TOTAL RESIDUAL CHLORINE	7782505	First Processors	1289	gal/1000 lb LWK	0.171	.	.	.	lb/1000 lb LWK
TOTAL SUSPENDED SOLIDS	C009	First Processors	1289	gal/1000 lb LWK	0.0875	0.212	0.101	0.0991	lb/1000 lb LWK

Meat Type=Poultry -- Option=BAT2 -- Processing=Further

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Further Processors	315.7	gal/1000 lb FP	0.00617	0.0400	0.00931	0.00869	lb/1000 lb FP
BIOCHEMICAL OXYGEN DEMAND	C003	Further Processors	315.7	gal/1000 lb FP	0.0191	0.0458	0.0221	0.0215	lb/1000 lb FP
FECAL COLIFORM	C2106	Further Processors	315.7	gal/1000 lb FP	0.0566	.	.	.	lb/1000 lb FP
HEXANE EXTRACTABLE MATERIAL	C036	Further Processors	315.7	gal/1000 lb FP	0.0981	0.515	0.137	0.129	lb/1000 lb FP
TOTAL SUSPENDED SOLIDS	C009	Further Processors	315.7	gal/1000 lb FP	0.0257	0.0623	0.0298	0.0290	lb/1000 lb FP

Meat Type=Poultry -- Option=BAT2 -- Processing=Rendering

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Renderers	346.0	gal/1000 lb RM	0.0119	0.0772	0.0179	0.0168	lb/1000 lb RM
BIOCHEMICAL OXYGEN DEMAND	C003	Renderers	346.0	gal/1000 lb RM	0.0135	0.0324	0.0156	0.0152	lb/1000 lb RM
CHEMICAL OXYGEN DEMAND	C004	Renderers	346.0	gal/1000 lb RM	0.0855	0.194	0.0981	0.0958	lb/1000 lb RM
FECAL COLIFORM	C2106	Renderers	346.0	gal/1000 lb RM	0.0620	.	.	.	lb/1000 lb RM
HEXANE EXTRACTABLE MATERIAL	C036	Renderers	346.0	gal/1000 lb RM	0.0563	0.295	0.0786	0.0745	lb/1000 lb RM
TOTAL SUSPENDED SOLIDS	C009	Renderers	346.0	gal/1000 lb RM	0.0992	0.240	0.115	0.112	lb/1000 lb RM

Attachment 13-5. Production-Normalized Limitations

Meat Type=Poultry -- Option=BAT3 -- Processing=First

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	First Processors	1289	gal/1000 lb LWK	0.0252	0.163	0.0379	0.0356	lb/1000 lb LWK
BIOCHEMICAL OXYGEN DEMAND	C003	First Processors	1289	gal/1000 lb LWK	0.0503	0.120	0.0583	0.0568	lb/1000 lb LWK
FECAL COLIFORM	C2106	First Processors	1289	gal/1000 lb LWK	0.231	.	.	.	lb/1000 lb LWK
HEXANE EXTRACTABLE MATERIAL	C036	First Processors	1289	gal/1000 lb LWK	0.249	1.31	0.349	0.330	lb/1000 lb LWK
NITRATE/NITRITE	C005	First Processors	1289	gal/1000 lb LWK	0.0650	0.0959	0.0691	0.0684	lb/1000 lb LWK
TOTAL KJELDAHL NITROGEN	C021	First Processors	1289	gal/1000 lb LWK	0.0223	0.0630	0.0267	0.0259	lb/1000 lb LWK
TOTAL NITROGEN	C005+C021	First Processors	1289	gal/1000 lb LWK	0.0793	0.224	0.0949	0.0920	lb/1000 lb LWK
TOTAL PHOSPHORUS	14265442	First Processors	1289	gal/1000 lb LWK	0.0749	0.176	0.0864	0.0843	lb/1000 lb LWK
TOTAL RESIDUAL CHLORINE	7782505	First Processors	1289	gal/1000 lb LWK	0.171	0.943	0.243	0.230	lb/1000 lb LWK
TOTAL SUSPENDED SOLIDS	C009	First Processors	1289	gal/1000 lb LWK	0.0452	0.0609	0.0471	0.0467	lb/1000 lb LWK

Meat Type=Poultry -- Option=BAT3 -- Processing=Further

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Further Processors	315.7	gal/1000 lb FP	0.00617	0.0400	0.00930	0.00873	lb/1000 lb FP
BIOCHEMICAL OXYGEN DEMAND	C003	Further Processors	315.7	gal/1000 lb FP	0.0188	0.0453	0.0218	0.0213	lb/1000 lb FP
FECAL COLIFORM	C2106	Further Processors	315.7	gal/1000 lb FP	0.0566	.	.	.	lb/1000 lb FP
HEXANE EXTRACTABLE MATERIAL	C036	Further Processors	315.7	gal/1000 lb FP	0.0437	0.229	0.0610	0.0579	lb/1000 lb FP
NITRATE/NITRITE	C005	Further Processors	315.7	gal/1000 lb FP	0.0159	0.0234	0.0169	0.0167	lb/1000 lb FP
TOTAL KJELDAHL NITROGEN	C021	Further Processors	315.7	gal/1000 lb FP	0.0130	0.0367	0.0155	0.0151	lb/1000 lb FP
TOTAL NITROGEN	C005+C021	Further Processors	315.7	gal/1000 lb FP	0.0194	0.0548	0.0232	0.0225	lb/1000 lb FP
TOTAL PHOSPHORUS	14265442	Further Processors	315.7	gal/1000 lb FP	0.0183	0.0431	0.0211	0.0206	lb/1000 lb FP
TOTAL RESIDUAL CHLORINE	7782505	Further Processors	315.7	gal/1000 lb FP	0.0420	0.231	0.0596	0.0564	lb/1000 lb FP
TOTAL SUSPENDED SOLIDS	C009	Further Processors	315.7	gal/1000 lb FP	0.0110	0.0149	0.0115	0.0114	lb/1000 lb FP

Meat Type=Poultry -- Option=BAT3 -- Processing=Rendering

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Renderers	346.0	gal/1000 lb RM	0.00676	0.0438	0.0102	0.00956	lb/1000 lb RM
BIOCHEMICAL OXYGEN DEMAND	C003	Renderers	346.0	gal/1000 lb RM	0.0135	0.0324	0.0156	0.0152	lb/1000 lb RM
FECAL COLIFORM	C2106	Renderers	346.0	gal/1000 lb RM	0.0620	.	.	.	lb/1000 lb RM
HEXANE EXTRACTABLE MATERIAL	C036	Renderers	346.0	gal/1000 lb RM	0.0377	0.198	0.0528	0.0500	lb/1000 lb RM
NITRATE/NITRITE	C005	Renderers	346.0	gal/1000 lb RM	0.0174	0.0257	0.0185	0.0183	lb/1000 lb RM
TOTAL KJELDAHL NITROGEN	C021	Renderers	346.0	gal/1000 lb RM	0.0118	0.0333	0.0141	0.0137	lb/1000 lb RM
TOTAL NITROGEN	C005+C021	Renderers	346.0	gal/1000 lb RM	0.0213	0.0601	0.0254	0.0247	lb/1000 lb RM
TOTAL PHOSPHORUS	14265442	Renderers	346.0	gal/1000 lb RM	0.0201	0.0472	0.0232	0.0226	lb/1000 lb RM
TOTAL RESIDUAL CHLORINE	7782505	Renderers	346.0	gal/1000 lb RM	0.0460	0.253	0.0653	0.0618	lb/1000 lb RM
TOTAL SUSPENDED SOLIDS	C009	Renderers	346.0	gal/1000 lb RM	0.0201	0.0271	0.0209	0.0208	lb/1000 lb RM

Attachment 13-5. Production-Normalized Limitations

Meat Type=Poultry -- Option=PSES1 -- Processing=First

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
HEXANE EXTRACTABLE MATERIAL	C036	First Processors	1289	gal/1000 lb LWK	0.141	0.615	0.187	0.179	lb/1000 lb LWK

Meat Type=Poultry -- Option=PSES1 -- Processing=Further

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
HEXANE EXTRACTABLE MATERIAL	C036	Further Processors	315.7	gal/1000 lb FP	0.0468	0.203	0.0618	0.0591	lb/1000 lb FP

Meat Type=Poultry -- Option=PSES1 -- Processing=Rendering

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
HEXANE EXTRACTABLE MATERIAL	C036	Renderers	346.0	gal/1000 lb RM	0.530	2.30	0.700	0.669	lb/1000 lb RM

Meat Type=Red Meat -- Option=BAT3 -- Processing=First

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	First Processors	322.8	gal/1000 lb LWK	0.0101	0.0655	.	0.0143	lb/1000 lb LWK
BIOCHEMICAL OXYGEN DEMAND	C003	First Processors	322.8	gal/1000 lb LWK	0.0184	0.0442	.	0.0208	lb/1000 lb LWK
FECAL COLIFORM	C2106	First Processors	322.8	gal/1000 lb LWK	0.249	.	.	.	lb/1000 lb LWK
HEXANE EXTRACTABLE MATERIAL	C036	First Processors	322.8	gal/1000 lb LWK	0.0158	0.0835	.	0.0210	lb/1000 lb LWK
NITRATE/NITRITE	C005	First Processors	322.8	gal/1000 lb LWK	0.0212	0.0313	.	0.0223	lb/1000 lb LWK
TOTAL KJELDAHL NITROGEN	C021	First Processors	322.8	gal/1000 lb LWK	0.00559	0.0157	.	0.00648	lb/1000 lb LWK
TOTAL NITROGEN	C005+C021	First Processors	322.8	gal/1000 lb LWK	0.0198	0.0561	.	0.0230	lb/1000 lb LWK
TOTAL PHOSPHORUS	14265442	First Processors	322.8	gal/1000 lb LWK	0.0211	0.0497	.	0.0238	lb/1000 lb LWK
TOTAL SUSPENDED SOLIDS	C009	First Processors	322.8	gal/1000 lb LWK	0.0132	0.0178	.	0.0137	lb/1000 lb LWK

Meat Type=Red Meat -- Option=BAT3 -- Processing=Further

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Further Processors	555.4	gal/1000 lb FP	0.0108	0.0704	.	0.0153	lb/1000 lb FP
BIOCHEMICAL OXYGEN DEMAND	C003	Further Processors	555.4	gal/1000 lb FP	0.0217	0.0520	.	0.0245	lb/1000 lb FP
FECAL COLIFORM	C2106	Further Processors	555.4	gal/1000 lb FP	0.103	.	.	.	lb/1000 lb FP
HEXANE EXTRACTABLE MATERIAL	C036	Further Processors	555.4	gal/1000 lb FP	0.0273	0.143	.	0.0362	lb/1000 lb FP
NITRATE/NITRITE	C005	Further Processors	555.4	gal/1000 lb FP	0.0280	0.0413	.	0.0294	lb/1000 lb FP
TOTAL KJELDAHL NITROGEN	C021	Further Processors	555.4	gal/1000 lb FP	0.00962	0.0271	.	0.0111	lb/1000 lb FP
TOTAL NITROGEN	C005+C021	Further Processors	555.4	gal/1000 lb FP	0.0341	0.0965	.	0.0396	lb/1000 lb FP
TOTAL PHOSPHORUS	14265442	Further Processors	555.4	gal/1000 lb FP	0.0390	0.0917	.	0.0439	lb/1000 lb FP

Attachment 13-5. Production-Normalized Limitations

Meat Type=Red Meat -- Option=BAT3 -- Processing=Further (continued)

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
TOTAL SUSPENDED SOLIDS	C009	Further Processors	555.4	gal/1000 lb FP	0.0194	0.0262	.	0.0201	lb/1000 lb FP

Meat Type=Red Meat -- Option=BAT3 -- Processing=Rendering

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Renderers	346.0	gal/1000 lb RM	0.00676	0.0438	.	0.00956	lb/1000 lb RM
BIOCHEMICAL OXYGEN DEMAND	C003	Renderers	346.0	gal/1000 lb RM	0.0241	0.0578	.	0.0272	lb/1000 lb RM
FECAL COLIFORM	C2106	Renderers	346.0	gal/1000 lb RM	0.0663	.	.	.	lb/1000 lb RM
HEXANE EXTRACTABLE MATERIAL	C036	Renderers	346.0	gal/1000 lb RM	0.0224	0.117	.	0.0297	lb/1000 lb RM
NITRATE/NITRITE	C005	Renderers	346.0	gal/1000 lb RM	0.0174	0.0257	.	0.0183	lb/1000 lb RM
TOTAL KJELDAHL NITROGEN	C021	Renderers	346.0	gal/1000 lb RM	0.00599	0.0169	.	0.00695	lb/1000 lb RM
TOTAL NITROGEN	C005+C021	Renderers	346.0	gal/1000 lb RM	0.0213	0.0601	.	0.0247	lb/1000 lb RM
TOTAL PHOSPHORUS	14265442	Renderers	346.0	gal/1000 lb RM	0.0201	0.0472	.	0.0226	lb/1000 lb RM
TOTAL SUSPENDED SOLIDS	C009	Renderers	346.0	gal/1000 lb RM	0.0121	0.0163	.	0.0125	lb/1000 lb RM

Meat Type=Red Meat -- Option=BAT3 -- Processing=Meat Cutters

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Meat Cutters	130.4	gal/1000 lb FP	0.00254	0.0165	.	0.00360	lb/1000 lb FP
BIOCHEMICAL OXYGEN DEMAND	C003	Meat Cutters	130.4	gal/1000 lb FP	0.00509	0.0122	.	0.00575	lb/1000 lb FP
FECAL COLIFORM	C2106	Meat Cutters	130.4	gal/1000 lb FP	0.0243	.	.	.	lb/1000 lb FP
HEXANE EXTRACTABLE MATERIAL	C036	Meat Cutters	130.4	gal/1000 lb FP	0.00642	0.0337	.	0.00850	lb/1000 lb FP
NITRATE/NITRITE	C005	Meat Cutters	130.4	gal/1000 lb FP	0.00657	0.00970	.	0.00692	lb/1000 lb FP
TOTAL KJELDAHL NITROGEN	C021	Meat Cutters	130.4	gal/1000 lb FP	0.00225	0.00637	.	0.00262	lb/1000 lb FP
TOTAL NITROGEN	C005+C021	Meat Cutters	130.4	gal/1000 lb FP	0.00802	0.0226	.	0.00931	lb/1000 lb FP
TOTAL PHOSPHORUS	14265442	Meat Cutters	130.4	gal/1000 lb FP	0.00916	0.0215	.	0.0103	lb/1000 lb FP
TOTAL SUSPENDED SOLIDS	C009	Meat Cutters	130.4	gal/1000 lb FP	0.00457	0.00616	.	0.00473	lb/1000 lb FP

Meat Type=Red Meat -- Option=BPT2 -- Processing=First

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
CHEMICAL OXYGEN DEMAND	C004	First Processors	322.8	gal/1000 lb LWK	0.114	0.145	.	0.118	lb/1000 lb LWK

Attachment 13-5. Production-Normalized Limitations

Meat Type=Red Meat -- Option=BPT2 -- Processing=Further

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
CHEMICAL OXYGEN DEMAND	C004	Further Processors	555.4	gal/1000 lb FP	0.219	0.278	.	0.226	lb/1000 lb FP

Meat Type=Red Meat -- Option=BPT2 -- Processing=Rendering

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Renderers	346.0	gal/1000 lb RM	0.00676	0.0143	.	0.00749	lb/1000 lb RM
BIOCHEMICAL OXYGEN DEMAND	C003	Renderers	346.0	gal/1000 lb RM	0.0241	0.0559	.	0.0268	lb/1000 lb RM
CHEMICAL OXYGEN DEMAND	C004	Renderers	346.0	gal/1000 lb RM	0.122	0.155	.	0.126	lb/1000 lb RM
FECAL COLIFORM	C2106	Renderers	346.0	gal/1000 lb RM	1.76	12.5	.	5.87	lb/1000 lb RM
HEXANE EXTRACTABLE MATERIAL	C036	Renderers	346.0	gal/1000 lb RM	0.0334	0.175	.	0.0442	lb/1000 lb RM
TOTAL RESIDUAL CHLORINE	7782505	Renderers	346.0	gal/1000 lb RM	0.00115	0.00265	.	0.00128	lb/1000 lb RM
TOTAL SUSPENDED SOLIDS	C009	Renderers	346.0	gal/1000 lb RM	0.0598	0.123	.	0.0657	lb/1000 lb RM

---------- Meat Type=Red Meat -- Option=BPT2 -- Processing=Meat Cutters ----------

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
CHEMICAL OXYGEN DEMAND	C004	Meat Cutters	130.4	gal/1000 lb FP	0.0515	0.0654	.	0.0531	lb/1000 lb FP

---------- Meat Type=Red Meat -- Option=PSES1 -- Processing=First ----------

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	First Processors	322.8	gal/1000 lb LWK	2.94	7.69	.	3.37	lb/1000 lb LWK
HEXANE EXTRACTABLE MATERIAL	C036	First Processors	322.8	gal/1000 lb LWK	0.100	0.153	.	0.106	lb/1000 lb LWK

---------- Meat Type=Red Meat -- Option=PSES1 -- Processing=Further ----------

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Further Processors	555.4	gal/1000 lb FP	0.0699	0.182	.	0.0800	lb/1000 lb FP
HEXANE EXTRACTABLE MATERIAL	C036	Further Processors	555.4	gal/1000 lb FP	0.0362	0.0552	.	0.0383	lb/1000 lb FP

Attachment 13-5. Production-Normalized Limitations

Meat Type=Red Meat -- Option=PSES1 -- Processing=Rendering

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Renderers	346.0	gal/1000 lb RM	0.287	0.752	.	0.329	lb/1000 lb RM
HEXANE EXTRACTABLE MATERIAL	C036	Renderers	346.0	gal/1000 lb RM	0.0565	0.0862	.	0.0597	lb/1000 lb RM

Meat Type=Red Meat -- Option=PSES1 -- Processing=Meat Cutters

Analyte	CAS Number	General Process	Production	Production Unit	Production-normalized LTA	Production-normalized Daily Limit	Production-normalized 20-day Limit	Production-normalized 30-day Limit	Production-normalized Unit
AMMONIA AS NITROGEN	7664417	Meat Cutters	130.4	gal/1000 lb FP	0.0164	0.0429	.	0.0188	lb/1000 lb FP
HEXANE EXTRACTABLE MATERIAL	C036	Meat Cutters	130.4	gal/1000 lb FP	0.00850	0.0129	.	0.00899	lb/1000 lb FP

APPENDIX F

ATTACHMENTS TO SECTION 14

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Poultry -- Option=BAT2

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0019	BAT2+P	0.50	24	0	0.69	0.20	0.50	0.69	0.10	3.10			MG/L
	0273	BAT2+F	0.28	241	0	0.44	0.14	0.28	0.44	0.10	3.82			MG/L
	0291	BAT2	0.89	104	0	1.45	0.33	0.89	1.45	0.04	7.30			MG/L
	0307a	BAT2	0.29	52	20	0.26	0.19	0.41	0.28	0.10	1.27	0.10	0.10	MG/L
	0309	BAT2	0.66	156	0	1.28	0.20	0.66	1.28	0.10	8.00			MG/L
BOD5	0019	BAT2+P	4.18	24	0	5.44	2.65	4.18	5.44	0.80	28.60			MG/L
	0273	BAT2+F	2.56	243	0	1.07	2.19	2.56	1.07	1.02	7.94			MG/L
	0291	BAT2	3.77	104	0	3.69	2.00	3.77	3.69	0.40	18.40			MG/L
	0307a	BAT2	7.87	52	0	4.67	6.55	7.87	4.67	1.67	25.44			MG/L
	0309	BAT2	25.93	156	0	19.51	20.00	25.93	19.51	0.20	107.00			MG/L
FECAL COLIFORMS	0019	BAT2+P	1.00	24	0	0.00	1.00	1.00	0.00	1.00	1.00			/100MLS
	0273	BAT2+F	1.43	243	0	2.84	1.00	1.43	2.84	1.00	40.00			/100MLS
	0291	BAT2	499.57	54	0	685.55	270.00	499.57	685.55	1.00	3933.00			/100MLS
	0307a	BAT2	19.69	51	16	34.34	4.00	28.23	38.66	1.60	136.00	1.00	1.00	/100MLS
	0309	BAT2	21.63	156	0	84.01	2.00	21.63	84.01	1.00	600.00			/100MLS
O&G(as HEM)	0273	BAT2+F	5.00	241	241	0.00	5.00					5.00	5.00	MG/L
	0291	BAT2	6.07	52	20	1.30	5.45	6.73	1.26	5.00	10.30	5.00	5.00	MG/L
	0309	BAT2	5.31	155	142	1.43	5.00	8.32	3.96	6.00	17.90	5.00	5.10	MG/L
O&G	0019	BAT2+P	5.00	24	24	0.00	5.00					5.00	5.00	MG/L
	0307a	BAT2	5.00	52	52	0.00	5.00					5.00	5.00	MG/L
TKN	0291	BAT2	2.72	103	0	2.95	1.50	2.72	2.95	0.20	15.10			MG/L
TOTAL NITROGEN	0273	BAT2+F	22.94	12	0	5.99	23.15	22.94	5.99	12.60	33.00			MG/L
	0307a	BAT2	110.97	22	0	41.85	134.02	110.97	41.85	36.02	149.57			MG/L
	0309	BAT2	53.95	27	0	16.18	52.83	53.95	16.18	18.20	106.00			MG/L
TOTAL PHOSPHORUS	0273	BAT2+F	3.38	12	0	0.86	3.33	3.38	0.86	2.26	4.89			MG/L
	0307a	BAT2	15.43	24	0	2.20	14.40	15.43	2.20	12.30	19.90			MG/L
	0309	BAT2	11.14	27	0	2.11	10.94	11.14	2.11	7.43	15.50			MG/L
TSS	0019	BAT2+P	4.75	24	0	2.78	4.15	4.75	2.78	1.40	13.00			MG/L
	0273	BAT2+F	2.36	244	0	1.46	2.04	2.36	1.46	0.17	14.47			MG/L
	0291	BAT2	5.57	104	0	5.19	3.20	5.57	5.19	0.60	26.70			MG/L
	0307a	BAT2	10.10	49	0	5.32	7.80	10.10	5.32	3.10	29.00			MG/L
	0309	BAT2	11.14	156	0	8.07	8.10	11.14	8.07	0.90	46.00			MG/L

Attachment 14-1: Summary Statistics of Daily Data

Subcategory=Poultry -- Option=BAT2.5

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0011	BAT2.5	2.22	52	0	3.44	0.50	2.22	3.44	0.50	11.60			MG/L
	0026	BAT2.5	1.37	53	0	2.45	0.50	1.37	2.45	0.50	12.25			MG/L
	0032	BAT2.5	0.69	52	0	0.38	0.50	0.69	0.38	0.50	1.94			MG/L
	0045	BAT2.5	0.17	105	0	0.30	0.10	0.17	0.30	0.01	2.54			MG/L
	0290	BAT2.5+P+F	1.08	52	52	0.59	1.00					0.10	5.00	MG/L
	0297	BAT2.5+P	0.71	104	0	0.97	0.39	0.71	0.97	0.09	7.46			MG/L
	0304	BAT2.5+F	0.46	587	122	0.47	0.34	0.56	0.49	0.10	4.80	0.01	0.10	MG/L
	0307b	BAT2.5	0.40	54	33	0.33	0.20	0.71	0.35	0.21	1.29	0.20	0.20	MG/L
	0307c	BAT2.5	0.31	55	45	0.37	0.20	0.78	0.72	0.21	2.59	0.20	0.20	MG/L
	0307e	BAT2.5	0.35	109	78	0.35	0.20	0.73	0.49	0.21	2.59	0.20	0.20	MG/L
	0308	BAT2.5+P	2.35	52	0	4.91	0.90	2.35	4.91	0.19	28.49			MG/L
	0339	BAT2.5+P	0.22	889	286	0.39	0.10	0.28	0.45	0.01	3.73	0.02	0.80	MG/L
	0340a	BAT2.5+F	0.22	51	27	0.22	0.10	0.36	0.27	0.10	1.21	0.10	0.10	MG/L
	0340b	BAT2.5+F	0.11	66	61	0.10	0.10	0.25	0.36	0.03	0.87	0.10	0.10	MG/L
	6445	BAT2.5+P+F	0.25	5	0	0.08	0.23	0.25	0.08	0.16	0.38			MG/L
	6448	BAT2.5	1.27	5	0	0.29	1.39	1.27	0.29	0.96	1.54			MG/L
BOD5	0045	BAT2.5	1.77	105	33	1.20	1.00	2.13	1.31	1.00	8.00	1.00	1.00	MG/L
	0290	BAT2.5+P+F	0.73	52	0	0.07	0.72	0.73	0.07	0.45	0.87			MG/L
	0304	BAT2.5+F	3.27	582	111	1.50	3.00	3.57	1.52	2.00	12.40	2.00	2.00	MG/L
	0307b	BAT2.5	4.97	52	6	4.49	3.75	5.56	4.45	1.59	24.48	0.20	2.00	MG/L
	0307c	BAT2.5	4.78	104	10	2.97	4.05	5.27	2.69	2.00	18.80	0.20	0.20	MG/L
	0307e	BAT2.5	4.85	156	16	3.53	4.00	5.36	3.36	1.59	24.48	0.20	2.00	MG/L
	0308	BAT2.5+P	7.31	52	0	6.92	5.52	7.31	6.92	1.93	47.03			MG/L
	0339	BAT2.5+P	4.36	1089	171	3.99	2.91	4.79	4.20	0.26	30.90	1.01	3.72	MG/L
	0340a	BAT2.5+F	8.18	51	0	4.09	7.00	8.18	4.09	2.00	21.00			MG/L
	0340b	BAT2.5+F	3.55	66	19	1.83	3.00	4.18	1.82	2.00	10.00	2.00	2.00	MG/L
	6445	BAT2.5+P+F	2.00	5	5	0.00	2.00					2.00	2.00	MG/L
	6448	BAT2.5	3.80	5	0	0.84	4.00	3.80	0.84	3.00	5.00			MG/L
CBOD	0011	BAT2.5	2.46	52	0	0.90	2.00	2.46	0.90	1.00	5.00			MG/L
	0026	BAT2.5	2.91	53	0	1.69	2.00	2.91	1.69	2.00	8.00			MG/L
	0032	BAT2.5	1.87	52	0	0.34	2.00	1.87	0.34	1.00	2.00			MG/L
	0297	BAT2.5+P	2.10	104	0	1.60	1.63	2.10	1.60	0.11	7.63			MG/L
	6445	BAT2.5+P+F	2.00	5	5	0.00	2.00					2.00	2.00	MG/L
	6448	BAT2.5	3.20	5	2	1.30	3.00	4.00	1.00	3.00	5.00	2.00	2.00	MG/L
COD	6445	BAT2.5+P+F	27.60	5	0	10.43	25.00	27.60	10.43	17.00	40.00			MG/L
	6448	BAT2.5	29.60	5	0	3.85	28.00	29.60	3.85	26.00	36.00			MG/L
FECAL COLIFORMS	0045	BAT2.5	8.51	105	98	53.36	1.00	113.71	188.47	1.00	497.00	1.00	1.00	/100MLS
	0297	BAT2.5+P	16.29	99	44	37.61	3.00	27.73	47.62	3.00	288.00	2.00	2.00	/100MLS
	0304	BAT2.5+F	3.98	580	111	18.31	3.00	4.45	20.33	1.00	440.00	2.00	2.00	/100MLS
	0339	BAT2.5+P	87.26	640	91	159.44	23.00	101.39	168.03	2.00	1600.00	2.00	2.00	/100MLS
	0340a	BAT2.5+F	14.42	52	14	35.24	2.00	19.00	40.39	1.00	240.00	2.00	2.00	/100MLS
	6445	BAT2.5+P+F	4.63	4	3	5.25	2.00	12.50		12.50	12.50	2.00	2.00	/100MLS
	6448	BAT2.5	418.30	5	0	524.92	170.00	418.30	524.92	41.50	1300.00			/100MLS

Attachment 14-1: Summary Statistics of Daily Data

Subcategory=Poultry -- Option=BAT2.5 (continued)

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
O&G(as HEM)	0011	BAT2.5	5.75	52	25	1.61	5.00	6.44	2.01	5.00	11.00	5.00	5.00	MG/L
	0026	BAT2.5	6.26	53	23	3.07	5.00	7.23	3.83	5.00	20.00	5.00	5.00	MG/L
	0032	BAT2.5	6.13	52	23	2.09	5.00	7.03	2.46	5.00	13.00	5.00	5.00	MG/L
	0304	BAT2.5+F	5.12	557	485	0.78	5.00	5.92	1.98	5.00	13.20	5.00	8.00	MG/L
	0308	BAT2.5+P	5.60	25	23	2.61	5.00	12.50	7.77	7.00	17.99	5.00	5.00	MG/L
	0340a	BAT2.5+F	5.00	51	51	0.00	5.00					5.00	5.00	MG/L
	0340b	BAT2.5+F	5.06	67	64	0.34	5.00	6.33	1.15	5.00	7.00	5.00	5.00	MG/L
	6445	BAT2.5+P+F	23.58	5	4	39.27	6.00	93.83		93.83	93.83	5.92	6.17	MG/L
	6448	BAT2.5	5.93	5	4	0.25	5.83	6.33		6.33	6.33	5.67	6.00	MG/L
NITRATE/NITRITE	0304	BAT2.5+F	50.24	66	0	24.83	51.31	50.24	24.83	5.95	133.07			MG/L
	0340a	BAT2.5+F	78.43	13	0	22.81	88.30	78.43	22.81	19.10	99.10			MG/L
	0340b	BAT2.5+F	76.05	84	1	23.46	75.85	76.96	22.04	23.20	134.70	0.05	0.05	MG/L
	6445	BAT2.5+P+F	27.04	5	0	7.22	31.40	27.04	7.22	16.80	33.40			MG/L
	6448	BAT2.5	64.66	5	0	3.11	63.10	64.66	3.11	62.60	70.00			MG/L
O&G	0045	BAT2.5	5.00	52	52	0.00	5.00					5.00	5.00	MG/L
	0290	BAT2.5+P+F	5.01	52	51	0.10	5.00	5.70		5.70	5.70	5.00	5.00	MG/L
	0297	BAT2.5+P	5.00	103	103	0.00	5.00					5.00	5.00	MG/L
	0339	BAT2.5+P	5.03	411	409	0.37	5.00	10.23	0.54	9.84	10.61	5.00	5.00	MG/L
TKN	0304	BAT2.5+F	1.18	65	0	0.71	1.20	1.18	0.71	0.20	4.00			MG/L
	0307b	BAT2.5	0.50	155	155	0.00	0.50					0.50	0.50	MG/L
	0307c	BAT2.5	0.56	304	278	0.30	0.50	1.22	0.78	0.50	4.30	0.50	0.50	MG/L
	0307e	BAT2.5	0.54	459	433	0.25	0.50	1.22	0.78	0.50	4.30	0.50	0.50	MG/L
	0340a	BAT2.5+F	1.64	51	0	1.07	1.90	1.64	1.07	0.10	4.95			MG/L
	0340b	BAT2.5+F	0.25	67	47	0.32	0.10	0.61	0.41	0.18	1.78	0.10	0.10	MG/L
	6445	BAT2.5+P+F	1.59	5	0	0.47	1.61	1.59	0.47	1.03	2.25			MG/L
	6448	BAT2.5	1.81	5	0	0.61	1.92	1.81	0.61	1.07	2.51			MG/L
TOTAL NITROGEN	0290	BAT2.5+P+F	17.23	12	0	15.48	11.35	17.23	15.48	2.40	51.20			MG/L
	0304	BAT2.5+F	63.45	497	0	24.24	62.66	63.45	24.24	5.64	145.60			MG/L
	0307b	BAT2.5	74.28	155	0	27.25	80.00	74.28	27.25	2.90	127.00			MG/L
	0307c	BAT2.5	54.63	304	0	24.80	50.10	54.63	24.80	11.20	135.00			MG/L
	0307e	BAT2.5	61.27	459	0	27.26	59.90	61.27	27.26	2.90	135.00			MG/L
	0339	BAT2.5+P	35.66	203	0	16.66	32.40	35.66	16.66	13.90	122.00			MG/L
	0340a	BAT2.5+F	78.51	13	0	22.81	88.60	59.65	40.24	0.10	99.10			MG/L
	0340b	BAT2.5+F	76.24	84	0	23.49	75.95	57.20	35.87	0.18	134.70			MG/L
	6445	BAT2.5+P+F	28.63	5	0	7.29	33.01	28.63	7.29	18.08	34.43			MG/L
	6448	BAT2.5	66.47	5	0	3.49	65.05	66.47	3.49	63.67	72.51			MG/L
TOTAL PHOSPHORUS	0045	BAT2.5	20.49	44	0	3.00	21.05	20.49	3.00	12.70	26.00			MG/L
	0290	BAT2.5+P+F	0.32	51	0	0.43	0.25	0.32	0.43	0.12	3.27			MG/L
	0304	BAT2.5+F	33.93	451	0	5.92	34.20	33.93	5.92	0.90	59.80			MG/L
	0307b	BAT2.5	12.33	4	0	2.47	11.20	12.33	2.47	10.90	16.00			MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Poultry -- Option=BAT2.5 (continued)

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
	0307c	BAT2.5	0.69	201	47	0.46	0.68	0.84	0.43	0.14	1.91	0.20	0.20	MG/L
	0307e	BAT2.5	0.92	205	47	1.70	0.70	1.13	1.89	0.14	16.00	0.20	0.20	MG/L
	0339	BAT2.5+P	0.65	425	5	0.60	0.45	0.66	0.60	0.01	4.24	0.01	0.01	MG/L
	6445	BAT2.5+P+F	0.70	5	0	0.70	0.61	0.70	0.70	0.17	1.89			MG/L
	6448	BAT2.5	15.17	5	0	0.44	15.15	15.17	0.44	14.60	15.60			MG/L
TSS	0011	BAT2.5	12.83	52	0	9.03	10.50	12.83	9.03	1.00	40.00			MG/L
	0026	BAT2.5	13.89	54	0	10.76	12.00	13.89	10.76	1.00	59.00			MG/L
	0032	BAT2.5	4.98	52	0	2.36	5.00	4.98	2.36	1.00	12.00			MG/L
	0045	BAT2.5	4.17	105	5	3.03	4.00	4.33	3.02	1.00	22.00	1.00	1.00	MG/L
	0297	BAT2.5+P	1.48	104	0	0.97	1.20	1.48	0.97	0.33	6.00			MG/L
	0304	BAT2.5+F	5.18	586	4	3.60	4.00	5.21	3.59	1.00	33.70	1.00	1.00	MG/L
	0307b	BAT2.5	6.05	53	0	3.11	5.20	6.05	3.11	2.30	20.20			MG/L
	0307c	BAT2.5	4.87	104	0	2.10	4.60	4.87	2.10	0.90	13.00			MG/L
	0307e	BAT2.5	5.27	157	0	2.54	4.90	5.27	2.54	0.90	20.20			MG/L
	0308	BAT2.5+P	8.04	52	0	7.64	6.05	8.04	7.64	2.04	55.92			MG/L
	0339	BAT2.5+P	8.50	991	0	6.54	6.79	8.50	6.54	0.81	104.15			MG/L
	0340a	BAT2.5+F	10.25	51	0	4.07	9.00	10.25	4.07	3.00	20.00			MG/L
	0340b	BAT2.5+F	8.94	67	0	4.39	9.00	8.94	4.39	2.00	20.00			MG/L
	6445	BAT2.5+P+F	8.00	5	0	3.32	7.00	8.00	3.32	5.00	12.00			MG/L
	6448	BAT2.5	9.10	5	0	2.61	10.00	9.10	2.61	5.00	12.00			MG/L

-- Subcategory=Poultry -- Option=BAT3

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0314	BAT3	0.78	107	0	1.64	0.14	0.78	1.64	0.01	9.04			MG/L
CBOD	0314	BAT3	4.06	102	0	2.98	3.32	4.06	2.98	0.21	16.60			MG/L
FECAL COLIFORMS	0314	BAT3	40.22	103	84	147.04	2.00	209.21	292.51	3.00	964.00	2.00	2.00	/100MLS
O&G	0314	BAT3	5.04	103	97	0.21	5.00	5.76	0.50	5.20	6.40	5.00	5.00	MG/L
TSS	0314	BAT3	7.42	108	0	9.08	4.40	7.42	9.08	0.40	46.00			MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Poultry -- Option=BAT4

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0293	BAT4	0.44	49	0	0.44	0.31	0.44	0.44	0.09	2.07			MG/L
	6304	BAT4	0.20	5	4	0.00	0.20	0.21		0.21	0.21	0.20	0.20	MG/L
	6493	BAT4	0.10	5	0	0.03	0.11	0.10	0.03	0.06	0.14			MG/L
BOD5	0293	BAT4	5.62	43	0	1.62	5.56	5.62	1.62	2.87	10.10			MG/L
	6304	BAT4	8.60	5	0	2.97	9.00	8.60	2.97	4.00	12.00			MG/L
	6493	BAT4	5.40	5	3	1.34	6.00	6.00	0.00	6.00	6.00	3.00	6.00	MG/L
CBOD	0293	BAT4	4.07	43	0	1.48	3.97	4.07	1.48	1.46	9.00			MG/L
	6304	BAT4	6.60	5	3	6.50	3.00	12.00	8.49	6.00	18.00	3.00	3.00	MG/L
	6493	BAT4	5.40	5	5	1.34	6.00					3.00	6.00	MG/L
COD	0293	BAT4	16.24	43	0	6.66	17.40	16.24	6.66	4.80	32.10			MG/L
	6304	BAT4	20.40	5	0	3.36	19.00	20.40	3.36	17.00	24.00			MG/L
	6493	BAT4	14.10	5	2	5.98	11.00	16.83	6.60	11.00	24.00	10.00	10.00	MG/L
FECAL COLIFORMS	0293	BAT4	45.07	30	17	154.93	2.00	101.38	227.92	2.00	840.00	2.00	2.00	/100MLS
	6304	BAT4	2.00	5	4	0.00	2.00	2.00		2.00	2.00	2.00	2.00	/100MLS
	6493	BAT4	2.80	5	1	0.84	3.00	3.00	0.82	2.00	4.00	2.00	2.00	/100MLS
O&G(as HEM)	0293	BAT4	5.00	45	45	0.00	5.00					5.00	5.00	MG/L
	6304	BAT4	5.47	5	3	0.18	5.50	5.50	0.00	5.50	5.50	5.17	5.67	MG/L
	6493	BAT4	5.32	5	5	0.19	5.33					5.00	5.50	MG/L
NITRATE/NITRITE	0293	BAT4	7.04	17	0	4.18	7.48	7.04	4.18	1.41	14.60			MG/L
	6304	BAT4	0.63	5	1	0.10	0.59	0.66	0.08	0.59	0.75	0.50	0.50	MG/L
	6493	BAT4	0.42	5	0	0.47	0.20	0.42	0.47	0.03	1.03			MG/L
TKN	6304	BAT4	1.19	5	0	0.35	1.15	1.19	0.35	0.77	1.66			MG/L
	6493	BAT4	1.49	5	0	0.51	1.31	1.49	0.51	1.05	2.35			MG/L
TOTAL NITROGEN	0293	BAT4	7.04	17	0	4.18	7.48	7.04	4.18	1.41	14.60			MG/L
	6304	BAT4	1.82	5	0	0.38	1.65	1.82	0.38	1.47	2.41			MG/L
	6493	BAT4	1.91	5	0	0.85	1.57	1.91	0.85	1.23	3.38			MG/L
TOTAL PHOSPHORUS	0293	BAT4	2.74	48	0	3.38	0.52	2.74	3.38	0.11	12.40			MG/L
	6304	BAT4	0.47	5	0	0.74	0.17	0.47	0.74	0.03	1.78			MG/L
	6493	BAT4	4.06	5	0	0.43	3.93	4.06	0.43	3.61	4.75			MG/L
TSS	0293	BAT4	2.56	43	4	1.53	2.00	2.72	1.51	1.00	7.00	1.00	1.00	MG/L
	6304	BAT4	5.60	5	1	1.52	5.00	6.00	1.41	5.00	8.00	4.00	4.00	MG/L
	6493	BAT4	4.50	5	0	0.71	4.00	4.50	0.71	4.00	5.50			MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Poultry -- Option=BAT5

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0310	BAT5	1.22	50	0	0.75	0.97	1.22	0.75	0.01	3.17			MG/L
	0334	BAT5	2.58	24	2	3.71	1.25	2.80	3.80	0.20	12.90	0.10	0.10	MG/L
	6304	BAT5	0.20	5	4	0.00	0.20	0.20		0.20	0.20	0.20	0.20	MG/L
BOD5	6304	BAT5	3.00	5	5	0.00	3.00					3.00	3.00	MG/L
CBOD	0310	BAT5	1.77	49	0	1.10	1.40	1.77	1.10	1.00	6.28			MG/L
	0334	BAT5	5.13	24	1	6.17	3.00	5.30	6.24	1.00	29.00	1.00	1.00	MG/L
	6304	BAT5	3.00	5	5	0.00	3.00					3.00	3.00	MG/L
COD	6304	BAT5	18.40	5	0	4.28	18.00	18.40	4.28	13.00	24.00			MG/L
FECAL COLIFORMS	0310	BAT5	117.37	49	0	267.24	7.00	117.37	267.24	1.00	1380.00			/100MLS
	0334	BAT5	82.17	24	16	287.94	9.50	237.63	480.57	2.00	1400.00	1.00	10.00	/100MLS
	6304	BAT5	21.80	5	3	44.27	2.00	51.50	70.00	2.00	101.00	2.00	2.00	/100MLS
O&G(as HEM)	0334	BAT5	7.46	24	18	5.63	5.00	14.83	7.68	9.00	30.00	5.00	5.00	MG/L
	6304	BAT5	5.52	5	3	0.15	5.50	5.38	0.06	5.33	5.42	5.50	5.67	MG/L
NITRATE/NITRITE	0310	BAT5	21.29	50	0	38.17	5.21	21.29	38.17	0.20	150.96			MG/L
	0334	BAT5	7.67	24	3	7.66	5.55	8.64	7.71	0.80	30.00	0.50	1.00	MG/L
	6304	BAT5	0.67	5	2	0.18	0.66	0.78	0.13	0.66	0.92	0.50	0.50	MG/L
O&G	0310	BAT5	5.05	50	49	0.38	5.00	7.70		7.70	7.70	5.00	5.00	MG/L
TKN	6304	BAT5	1.26	5	0	0.64	0.96	1.26	0.64	0.91	2.40			MG/L
TOTAL NITROGEN	0310	BAT5	21.29	50	0	38.17	5.21	21.29	38.17	0.20	150.96			MG/L
	0334	BAT5	7.67	24	3	7.66	5.55	8.64	7.71	0.80	30.00	0.50	1.00	MG/L
	6304	BAT5	1.92	5	0	0.72	1.62	1.92	0.72	1.41	3.15			MG/L
TOTAL PHOSPHORUS	0310	BAT5	1.40	51	0	2.06	0.50	1.40	2.06	0.10	12.17			MG/L
	0334	BAT5	5.37	23	0	7.26	2.96	5.37	7.26	0.10	35.00			MG/L
	6304	BAT5	0.35	5	0	0.60	0.10	0.35	0.60	0.03	1.42			MG/L
TSS	0310	BAT5	5.61	50	0	3.90	5.00	5.61	3.90	1.00	18.00			MG/L
	0334	BAT5	9.38	24	0	8.42	8.00	9.38	8.42	1.00	35.00			MG/L
	6304	BAT5	4.00	5	5	0.00	4.00					4.00	4.00	MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Poultry -- Option=INDIR

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	6443	INDIR	5.37	3	0	2.11	5.49	5.37	2.11	3.21	7.41			MG/L
	6444	INDIR	13.40	3	0	2.35	14.25	13.40	2.35	10.74	15.20			MG/L
BOD5	6443	INDIR	214.10	3	0	96.04	159.30	214.10	96.04	158.00	325.00			MG/L
	6444	INDIR	203.00	3	0	72.50	187.50	203.00	72.50	139.50	282.00			MG/L
CBOD	6443	INDIR	169.60	3	0	59.90	157.00	169.60	59.90	117.00	234.80			MG/L
	6444	INDIR	187.50	3	0	50.25	199.00	187.50	50.25	132.50	231.00			MG/L
COD	6443	INDIR	1637.17	3	0	2160.12	431.50	1637.17	2160.12	349.00	4131.00			MG/L
	6444	INDIR	474.33	3	0	93.28	444.00	474.33	93.28	400.00	579.00			MG/L
FECAL COLIFORMS	6443	INDIR	534118.83	3	0	923080.85	2300.00	534118.83	923080.85	56.50	1600000.00			/100MLS
O&G(as HEM)	6443	INDIR	95.89	3	1	152.43	9.89	140.88	185.26	9.89	271.88	5.90	5.90	MG/L
	6444	INDIR	19.10	3	0	14.09	14.61	19.10	14.09	7.80	34.89			MG/L
NITRATE/NITRITE	6443	INDIR	0.99	3	2	0.42	0.75	1.48		1.48	1.48	0.75	0.75	MG/L
	6444	INDIR	0.30	3	3	0.00	0.30					0.30	0.30	MG/L
TKN	6443	INDIR	21.85	3	0	3.95	19.85	21.85	3.95	19.30	26.40			MG/L
	6444	INDIR	46.73	3	0	5.88	43.80	46.73	5.88	42.90	53.50			MG/L
TOTAL NITROGEN	6443	INDIR	22.84	3	0	3.78	21.33	22.84	3.78	20.05	27.15			MG/L
	6444	INDIR	47.03	3	0	5.88	44.10	47.03	5.88	43.20	53.80			MG/L
TOTAL PHOSPHORUS	6443	INDIR	17.48	3	0	8.80	13.25	17.48	8.80	11.60	27.60			MG/L
	6444	INDIR	17.73	3	0	27.43	2.29	17.73	27.43	1.51	49.40			MG/L
TSS	6443	INDIR	137.50	3	0	22.75	138.00	137.50	22.75	114.50	160.00			MG/L
	6444	INDIR	52.83	3	0	2.75	51.50	52.83	2.75	51.00	56.00			MG/L

-- Subcategory=Meat -- Option=BAT2

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0046	BAT2+P+F	0.49	46	0	0.41	0.32	0.49	0.41	0.09	2.09			MG/L
	0277	BAT2+F	0.18	294	213	0.28	0.10	0.38	0.48	0.11	2.90	0.10	0.10	MG/L
	0280	BAT2+P+F	0.46	363	0	0.42	0.34	0.46	0.42	0.01	2.60			MG/L
	0317	BAT2	0.19	52	0	0.23	0.12	0.19	0.23	0.10	1.49			MG/L
	0326	BAT2+P	0.20	219	8	0.19	0.16	0.20	0.19	0.01	0.92	0.20	0.20	MG/L
	6440	BAT2	0.13	3	0	0.05	0.13	0.13	0.05	0.08	0.17			MG/L
	6447	BAT2	0.51	3	0	0.14	0.48	0.51	0.14	0.39	0.66			MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Meat -- Option=BAT2 --
(continued)

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
	6486	BAT2+F	1.00	5	5	0.00	1.00					1.00	1.00	MG/L
BOD5	0046	BAT2+P+F	6.20	44	0	4.23	4.00	6.20	4.23	1.00	18.00			MG/L
	0277	BAT2+F	2.81	295	2	1.66	2.50	2.83	1.65	0.10	8.20	0.10	0.10	MG/L
	0280	BAT2+P+F	3.97	363	0	2.56	3.00	3.97	2.56	2.00	13.00			MG/L
	0326	BAT2+P	3.52	52	29	3.04	2.00	5.43	3.81	2.00	21.00	2.00	2.00	MG/L
	6440	BAT2	7.00	3	1	1.00	7.00	7.50	0.71	7.00	8.00	6.00	6.00	MG/L
	6447	BAT2	4.67	3	1	1.15	4.00	5.00	1.41	4.00	6.00	4.00	4.00	MG/L
	6486	BAT2+F	4.53	5	0	0.96	5.11	4.53	0.96	3.39	5.40			MG/L
CBOD	0317	BAT2	7.48	52	0	5.99	6.00	7.48	5.99	3.00	31.00			MG/L
	6440	BAT2	6.33	3	2	0.58	6.00	7.00		7.00	7.00	6.00	6.00	MG/L
	6447	BAT2	4.00	3	1	0.00	4.00	4.00	0.00	4.00	4.00	4.00	4.00	MG/L
	6486	BAT2+F	2.92	5	2	0.86	3.30	3.53	0.30	3.30	3.87	2.00	2.00	MG/L
COD	6440	BAT2	33.00	3	0	1.73	34.00	33.00	1.73	31.00	34.00			MG/L
	6447	BAT2	47.17	3	0	7.15	45.50	47.17	7.15	41.00	55.00			MG/L
	6486	BAT2+F	50.56	5	0	9.36	48.15	50.56	9.36	39.30	63.00			MG/L
FECAL COLIFORMS	0046	BAT2+P+F	60.85	46	0	83.26	7.50	60.85	83.26	1.00	200.00			/100MLS
	0277	BAT2+F	7.60	295	157	22.88	2.00	13.96	32.36	1.00	285.00	2.00	2.00	/100MLS
	0317	BAT2	60.88	52	0	146.72	10.00	60.88	146.72	1.00	800.00			/100MLS
	6440	BAT2	21.50	3	1	17.54	26.50	31.25	6.72	26.50	36.00	2.00	2.00	/100MLS
	6447	BAT2	32.67	3	1	32.08	30.00	48.00	25.46	30.00	66.00	2.00	2.00	/100MLS
	6486	BAT2+F	41.43	5	1	70.61	4.50	51.34	77.41	3.95	165.90	1.80	1.80	/100MLS
O&G(as HEM)	0046	BAT2+P+F	6.54	46	26	2.44	5.00	8.55	2.56	5.00	15.00	5.00	5.00	MG/L
	0280	BAT2+P+F	5.64	362	289	1.97	5.00	8.18	3.35	5.00	19.00	5.00	5.00	MG/L
	0326	BAT2+P	5.31	52	49	1.50	5.00	10.43	3.94	5.90	13.00	5.00	5.00	MG/L
	6440	BAT2	5.92	3	3	0.08	5.92					5.83	6.00	MG/L
	6447	BAT2	11.89	3	0	11.21	5.50	11.89	11.21	5.33	24.83			MG/L
	6486	BAT2+F	12.25	5	1	8.36	10.95	14.00	8.52	5.73	25.83	5.23	5.23	MG/L
NITRATE/NITRITE	0277	BAT2+F	169.36	51	0	22.80	166.31	169.36	22.80	121.00	239.00			MG/L
	0326	BAT2+P	192.65	46	0	35.42	188.00	192.65	35.42	100.00	267.00			MG/L
	6440	BAT2	73.67	3	0	2.83	73.75	73.67	2.83	70.80	76.45			MG/L
	6447	BAT2	289.50	3	0	21.27	282.00	289.50	21.27	273.00	313.50			MG/L
	6486	BAT2+F	194.10	5	0	76.93	164.00	194.10	76.93	151.00	331.00			MG/L
O&G	0277	BAT2+F	5.00	51	51	0.00	5.00					5.00	5.00	MG/L
	0317	BAT2	5.23	52	50	1.17	5.00	11.00	0.00	11.00	11.00	5.00	5.00	MG/L
TKN	0326	BAT2+P	0.75	47	31	0.64	0.50	1.25	0.93	0.10	2.84	0.50	0.50	MG/L
	6440	BAT2	1.82	3	0	0.17	1.84	1.82	0.17	1.65	1.99			MG/L
	6447	BAT2	3.03	3	0	1.98	2.20	3.03	1.98	1.61	5.29			MG/L
	6486	BAT2+F	6.13	5	2	4.70	8.95	9.55	0.63	8.95	10.20	1.00	1.00	MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Meat -- Option=BAT2 (continued)

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
TOTAL NITROGEN	0277	BAT2+F	170.73	50	0	22.98	167.40	170.73	22.98	123.60	241.40			MG/L
	0326	BAT2+P	193.39	46	0	35.21	188.50	136.18	97.89	0.10	267.00			MG/L
	6440	BAT2	75.49	3	0	2.74	75.74	75.49	2.74	72.64	78.10			MG/L
	6447	BAT2	292.53	3	0	20.46	287.29	292.53	20.46	275.20	315.11			MG/L
	6486	BAT2+F	200.23	5	0	74.38	173.50	200.23	74.38	155.00	332.00			MG/L
TOTAL PHOSPHORUS	0046	BAT2+P+F	1.46	32	0	3.11	0.52	1.46	3.11	0.14	14.40			MG/L
	0277	BAT2+F	33.02	52	0	5.71	33.25	33.02	5.71	14.30	42.70			MG/L
	0326	BAT2+P	25.89	47	0	10.82	25.00	25.89	10.82	11.00	58.00			MG/L
	6440	BAT2	11.65	3	0	0.87	11.85	11.65	0.87	10.70	12.40			MG/L
	6447	BAT2	14.73	3	0	1.92	14.25	14.73	1.92	13.10	16.85			MG/L
	6486	BAT2+F	44.00	5	0	4.30	43.65	44.00	4.30	39.65	50.70			MG/L
TSS	0046	BAT2+P+F	15.24	46	0	7.01	14.50	15.24	7.01	4.00	28.00			MG/L
	0277	BAT2+F	11.00	295	0	4.28	10.50	11.00	4.28	3.00	28.00			MG/L
	0280	BAT2+P+F	10.47	363	0	9.44	5.00	10.47	9.44	4.00	48.00			MG/L
	0317	BAT2	29.46	52	0	13.99	26.00	29.46	13.99	14.00	83.00			MG/L
	0326	BAT2+P	9.45	319	0	3.75	9.00	9.45	3.75	2.50	25.00			MG/L
	6440	BAT2	12.33	3	0	4.25	12.50	12.33	4.25	8.00	16.50			MG/L
	6447	BAT2	19.17	3	0	2.84	20.00	19.17	2.84	16.00	21.50			MG/L
	6486	BAT2+F	11.80	5	0	2.84	11.00	11.80	2.84	9.00	15.50			MG/L

-- Subcategory=Meat -- Option=BAT2.5

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0256	BAT2.5	1.15	104	0	0.48	1.00	1.15	0.48	1.00	3.48			MG/L
	0287	BAT2.5	0.25	348	44	0.43	0.16	0.28	0.45	0.02	5.00	0.05	0.05	MG/L
	0328	BAT2.5+F	0.53	235	22	0.60	0.32	0.58	0.61	0.05	6.00	0.05	0.05	MG/L
	6441	BAT2.5	1.00	3	2	0.00	1.00	1.00		1.00	1.00	1.00	1.00	MG/L
	6442	BAT2.5	0.79	5	0	0.30	0.79	0.79	0.30	0.44	1.22			MG/L
BOD5	0256	BAT2.5	32.47	101	0	11.07	31.20	32.47	11.07	6.50	60.00			MG/L
	0287	BAT2.5	3.62	339	182	2.64	2.00	5.49	2.92	0.20	21.00	2.00	2.00	MG/L
	6441	BAT2.5	6.30	3	0	4.69	5.02	6.30	4.69	2.39	11.50			MG/L
	6442	BAT2.5	6.80	5	1	1.10	6.00	7.00	1.15	6.00	8.00	6.00	6.00	MG/L
CBOD	0287	BAT2.5	3.32	356	244	3.79	2.00	6.20	5.82	2.00	29.00	2.00	2.27	MG/L
	0328	BAT2.5+F	3.10	235	84	1.46	3.00	3.66	1.54	2.00	12.00	2.00	4.00	MG/L
	6441	BAT2.5	2.69	3	0	0.24	2.72	2.69	0.24	2.43	2.91			MG/L
	6442	BAT2.5	7.50	5	2	2.55	6.50	8.50	3.04	6.50	12.00	6.00	6.00	MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Meat -- Option=BAT2.5 (continued)

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
COD	6441	BAT2.5	22.33	3	1	2.74	21.65	23.50	2.62	21.65	25.35	20.00	20.00	MG/L
	6442	BAT2.5	117.10	5	0	10.47	112.00	117.10	10.47	109.00	135.00			MG/L
FECAL COLIFORMS	0256	BAT2.5	17.32	104	0	24.53	9.60	17.32	24.53	1.00	125.00			/100MLS
	0328	BAT2.5+F	20.80	142	139	9.67	20.00	58.00	66.84	15.00	135.00	20.00	20.00	/100MLS
	6441	BAT2.5	768.00	3	2	1326.75	2.00	2300.00		2300.0	2300.00	2.00	2.00	/100MLS
	6442	BAT2.5	493.30	5	0	1010.54	70.00	493.30	1010.54	3.00	2300.00			/100MLS
O&G(as HEM)	6441	BAT2.5	5.79	3	3	0.06	5.78					5.73	5.86	MG/L
	6442	BAT2.5	6.07	5	4	0.25	6.00	6.50		6.50	6.50	5.83	6.00	MG/L
NITRATE/NITRITE	6441	BAT2.5	162.00	3	0	14.81	160.50	162.00	14.81	148.00	177.50			MG/L
	6442	BAT2.5	164.00	5	0	6.52	165.00	164.00	6.52	156.00	172.00			MG/L
O&G	0256	BAT2.5	8.72	103	37	9.22	6.60	10.80	11.00	5.00	86.30	5.00	5.00	MG/L
	0287	BAT2.5	5.10	365	343	0.59	5.00	6.59	1.89	5.00	12.00	5.00	5.00	MG/L
	0328	BAT2.5+F	5.15	137	130	0.86	5.00	7.91	2.68	5.00	11.10	5.00	5.00	MG/L
TKN	6441	BAT2.5	1.61	3	1	0.72	1.43	1.92	0.69	1.43	2.40	1.00	1.00	MG/L
	6442	BAT2.5	5.62	5	0	3.19	4.68	5.62	3.19	2.66	11.08			MG/L
TOTAL NITROGEN	6441	BAT2.5	163.61	3	0	14.98	162.90	163.61	14.98	149.00	178.93			MG/L
	6442	BAT2.5	169.62	5	0	8.70	167.66	169.62	8.70	160.68	183.08			MG/L
TOTAL PHOSPHORUS	6441	BAT2.5	11.49	3	0	0.50	11.47	11.49	0.50	11.00	12.00			MG/L
	6442	BAT2.5	31.34	5	0	1.15	31.50	31.34	1.15	29.60	32.50			MG/L
TSS	0256	BAT2.5	41.40	114	0	26.99	33.50	41.40	26.99	7.00	168.00			MG/L
	0287	BAT2.5	9.81	364	115	8.54	7.00	12.49	9.16	4.00	77.00	4.00	4.00	MG/L
	0328	BAT2.5+F	6.26	237	119	3.44	4.00	8.54	3.67	5.00	21.00	4.00	4.00	MG/L
	6441	BAT2.5	28.00	3	0	17.77	18.50	28.00	17.77	17.00	48.50			MG/L
	6442	BAT2.5	22.20	5	0	3.11	22.00	22.20	3.11	19.00	27.00			MG/L

-- Subcategory=Meat -- Option=BAT4

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	0284	BAT4	0.09	12	6	0.06	0.06	0.13	0.07	0.06	0.25	0.05	0.05	MG/L
	6485	BAT4	0.28	5	0	0.13	0.27	0.28	0.13	0.12	0.48			MG/L
BOD5	0284	BAT4	6.87	50	16	14.89	2.60	9.16	17.67	2.00	99.00	2.00	2.00	MG/L

Attachment 14-1: Summary Statistics of Daily Data

---------- -- Subcategory=Meat -- Option=BAT4 ---------- (continued)

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
	6485	BAT4	6.00	5	4	0.00	6.00	6.00		6.00	6.00	6.00	6.00	MG/L
CBOD	6485	BAT4	6.00	5	5	0.00	6.00					6.00	6.00	MG/L
COD	0284	BAT4	177.56	9	0	108.09	130.00	177.56	108.09	80.00	390.00			MG/L
	6485	BAT4	72.47	5	0	16.79	71.20	72.47	16.79	56.60	95.30			MG/L
FECAL COLIFORMS	6485	BAT4	4218.00	5	0	3015.02	3750.00	4218.00	3015.02	790.00	7900.00			/100MLS
O&G(as HEM)	0284	BAT4	22.17	12	0	56.04	5.00	22.17	56.04	5.00	200.00			MG/L
	6485	BAT4	5.90	5	5	0.29	5.83					5.50	6.25	MG/L
NITRATE/NITRITE	0284	BAT4	8.66	12	0	3.03	9.40	8.66	3.03	3.90	13.00			MG/L
	6485	BAT4	11.98	5	0	1.27	12.50	11.98	1.27	10.36	13.40			MG/L
TKN	0284	BAT4	1.60	9	0	0.35	1.60	1.60	0.35	1.00	2.10			MG/L
	6485	BAT4	4.74	5	0	0.98	4.90	4.74	0.98	3.13	5.78			MG/L
TOTAL NITROGEN	0284	BAT4	8.82	12	0	3.11	9.55	8.04	3.59	1.90	13.00			MG/L
	6485	BAT4	16.72	5	0	2.07	17.62	16.72	2.07	13.49	18.48			MG/L
TOTAL PHOSPHORUS	0284	BAT4	6.93	52	0	3.07	6.50	6.93	3.07	1.00	14.00			MG/L
	6485	BAT4	3.14	5	0	2.96	2.16	3.14	2.96	0.86	8.00			MG/L
TSS	0284	BAT4	12.25	51	2	9.93	10.00	12.59	9.98	2.00	57.00	3.00	5.00	MG/L
	6485	BAT4	25.00	5	0	14.65	24.50	25.00	14.65	11.50	49.00			MG/L

---------- -- Subcategory=Meat -- Option=BAT5 ----------

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
Ammonia as N	6485	BAT5	0.21	5	1	0.13	0.23	0.25	0.11	0.10	0.34	0.05	0.05	MG/L
BOD5	6485	BAT5	6.00	5	5	0.00	6.00					6.00	6.00	MG/L
CBOD	6485	BAT5	5.20	5	5	1.79	6.00					2.00	6.00	MG/L
COD	6485	BAT5	45.30	5	0	13.22	40.40	45.30	13.22	35.60	68.00			MG/L
FECAL COLIFORMS	6485	BAT5	3.00	5	4	2.68	1.80	7.80		7.80	7.80	1.80	1.80	/100MLS
O&G(as HEM)	6485	BAT5	5.90	5	5	0.19	5.83					5.67	6.17	MG/L

Attachment 14-1: Summary Statistics of Daily Data

-- Subcategory=Meat -- Option=BAT5 (continued)

Pollutant	Episode	Base Option	Episode Mean	Total # of Values	Num ND	Obs Std Dev	Obs Median Value	Mean Value NC	Std Dev NC	Min Value NC	Max Value NC	Min Value ND	Max Value ND	Unit
NITRATE/NITRITE	6485	BAT5	12.85	5	0	3.03	12.70	12.85	3.03	9.13	17.40			MG/L
TKN	6485	BAT5	1.70	5	0	0.13	1.66	1.70	0.13	1.56	1.88			MG/L
TOTAL NITROGEN	6485	BAT5	14.55	5	0	3.11	14.36	14.55	3.11	10.75	19.28			MG/L
TOTAL PHOSPHORUS	6485	BAT5	3.33	5	0	2.34	3.04	3.33	2.34	1.03	7.02			MG/L
TSS	6485	BAT5	5.40	5	2	1.95	4.00	6.33	2.08	4.00	8.00	4.00	4.00	MG/L

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Poultry -- Option=BAT2

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0019	BAT2+P	24	0	0.496	0.467	0.651	6.54	2.31
		0273	BAT2+F	241	0	0.283	0.242	0.200	4.13	1.78
		0291	BAT2	104	0	0.892	0.800	1.33	7.49	2.53
		0307a	BAT2	52	20	0.292	0.295	0.290	4.72	1.92
		0309	BAT2	156	0	0.660	0.539	0.858	7.26	2.48
BOD5	MG/L	0019	BAT2+P	24	0	4.18	3.88	3.10	4.01	1.75
		0273	BAT2+F	243	0	2.56	2.54	0.822	1.98	1.29
		0291	BAT2	104	0	3.77	3.71	3.91	5.14	2.00
		0307a	BAT2	52	0	7.87	7.90	4.80	3.15	1.56
		0309	BAT2	156	0	25.9	29.5	34.4	5.62	2.10
FECAL COLIFORMS	/100MLS	0019	BAT2+P	24	0	1.00	1.00	0.0		
		0273	BAT2+F	243	0	1.43	1.23	0.582	2.57	1.43
		0291	BAT2	54	0	500.0	1,090.0	6,320.0	13.6	3.83
		0307a	BAT2	51	16	19.7	21.1	64.8	11.5	3.34
		0309	BAT2	156	0	21.6	10.8	22.4	8.75	2.83
O&G(as HEM)	MG/L	0273	BAT2+F	241	241	5.00	5.00	0.0		
		0291	BAT2	52	20	6.07	6.07	1.29	1.61	1.18
		0309	BAT2	155	142	5.31	5.30	1.29	2.25	1.28
O&G	MG/L	0019	BAT2+P	24	24	5.00	5.00	0.0		
		0307a	BAT2	52	52	5.00	5.00	0.0		
TKN	MG/L	0291	BAT2	103	0	2.72	2.77	3.74	6.36	2.27
TOTAL PHOSPHORUS	MG/L	0273	BAT2+F	12	0	3.38	3.39	0.862	1.74	1.22
		0307a	BAT2	24	0	15.4	15.4	2.16	1.37	1.12
		0309	BAT2	27	0	11.1	11.2	2.17	1.54	1.17
TSS	MG/L	0019	BAT2+P	24	0	4.75	4.72	2.38	2.70	1.46
		0273	BAT2+F	244	0	2.36	2.36	1.41	3.10	1.55
		0291	BAT2	104	0	5.57	5.55	5.66	5.00	1.97
		0307a	BAT2	49	0	10.1	10.1	5.35	2.81	1.48
		0309	BAT2	156	0	11.1	11.5	10.6	4.54	1.86

Subcategory=Poultry -- Option=BAT2.5

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0011	BAT2.5	52	0	2.22	1.84	2.97	7.32	2.49
		0026	BAT2.5	53	0	1.37	1.07	1.13	5.13	2.00
		0032	BAT2.5	52	0	0.693	0.681	0.292	2.39	1.38
		0045	BAT2.5	105	0	0.173	0.151	0.136	4.47	1.85

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Poultry -- Option=BAT2.5 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
		0290	BAT2.5+P+F	52	52	1.08	1.08	0.586		
		0297	BAT2.5+P	104	0	0.714	0.671	0.786	5.65	2.11
		0304	BAT2.5+F	587	122	0.462	0.459	0.433	4.52	1.89
		0307b	BAT2.5	54	33	0.397	0.404	0.377	4.60	1.88
		0307c	BAT2.5	55	45	0.306	0.310	0.414	6.94	2.34
		0307e	BAT2.5	109	78	0.351	0.354	0.377	5.50	2.03
		0308	BAT2.5+P	52	0	2.35	1.90	2.82	6.88	2.39
		0339	BAT2.5+P	889	286	0.218	0.201	0.294	6.89	2.37
		0340a	BAT2.5+F	51	27	0.223	0.223	0.222	4.91	1.94
		0340b	BAT2.5+F	66	61	0.111	0.116	0.259	4.67	2.02
		6445	BAT2.5+P+F	5	0	0.247	0.250	0.0853	2.05	1.30
		6448	BAT2.5	5	0	1.27	1.28	0.310	1.69	1.21
BOD5	MG/L	0045	BAT2.5	105	33	1.77	1.76	1.14	3.37	1.60
		0290	BAT2.5+P+F	52	0	0.731	0.731	0.0770	1.27	1.09
		0304	BAT2.5+F	582	111	3.27	3.26	1.36	2.33	1.37
		0307b	BAT2.5	52	6	4.97	4.86	3.76	3.70	1.72
		0307c	BAT2.5	104	10	4.78	4.79	3.01	3.00	1.58
		0307e	BAT2.5	156	16	4.85	4.81	3.25	3.22	1.63
		0308	BAT2.5+P	52	0	7.31	7.14	5.47	3.86	1.72
		0339	BAT2.5+P	1089	171	4.36	4.37	4.17	4.75	1.90
		0340a	BAT2.5+F	51	0	8.18	8.23	4.32	2.79	1.48
		0340b	BAT2.5+F	66	19	3.55	3.57	1.90	2.79	1.49
		6445	BAT2.5+P+F	5	5	2.00	2.00	0.0		
		6448	BAT2.5	5	0	3.80	3.82	0.843	1.62	1.19
CBOD	MG/L	0011	BAT2.5	52	0	2.46	2.46	0.832	2.04	1.30
		0026	BAT2.5	53	0	2.91	2.86	1.34	2.55	1.42
		0032	BAT2.5	52	0	1.87	1.87	0.454	1.69	1.21
		0297	BAT2.5+P	104	0	2.10	2.16	1.95	4.48	1.85
		6445	BAT2.5+P+F	5	5	2.00	2.00	0.0		
		6448	BAT2.5	5	2	3.20	3.23	1.29	2.09	1.35
COD	MG/L	6445	BAT2.5+P+F	5	0	27.6	28.0	11.2	2.27	1.36
		6448	BAT2.5	5	0	29.6	29.6	3.68	1.32	1.11
FECAL COLIFORMS	/100MLS	0045	BAT2.5	105	98	8.51	29.1	3,600.0	6.81	1.10
		0297	BAT2.5+P	99	44	16.3	14.9	30.2	9.07	2.81
		0304	BAT2.5+F	580	111	3.98	3.29	1.99	3.18	1.56
		0339	BAT2.5+P	640	91	87.3	106.0	385.0	12.0	3.52
		0340a	BAT2.5+F	52	14	14.4	14.3	46.4	11.6	3.40
		6445	BAT2.5+P+F	4	3	4.63	4.63	5.25		
		6448	BAT2.5	5	0	418.0	537.0	1,290.0	9.62	3.03
O&G(as HEM)	MG/L	0011	BAT2.5	52	25	5.75	5.75	1.52	1.93	1.23
		0026	BAT2.5	53	23	6.26	6.21	2.54	2.51	1.37
		0032	BAT2.5	52	23	6.13	6.13	1.97	2.12	1.29

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Poultry -- Option=BAT2.5 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
		0304	BAT2.5+F	557	485	5.12	5.12	0.640	1.60	1.13
		0308	BAT2.5+P	25	23	5.60	5.72	3.85	4.23	1.74
		0340a	BAT2.5+F	51	51	5.00	5.00	0.0		
		0340b	BAT2.5+F	67	64	5.06	5.06	0.389	1.43	1.09
		6445	BAT2.5+P+F	5	4	23.6	23.6	39.3		
		6448	BAT2.5	5	4	5.93	5.93	0.253		
NITRATE/NITRITE	MG/L	0304	BAT2.5+F	66	0	50.2	52.4	37.0	3.59	1.66
		0340a	BAT2.5+F	13	0	78.4	81.1	38.6	2.58	1.43
		0340b	BAT2.5+F	84	1	76.0	76.5	26.9	2.03	1.31
		6445	BAT2.5+P+F	5	0	27.0	27.3	8.29	1.91	1.27
		6448	BAT2.5	5	0	64.7	64.7	3.03	1.11	1.04
O&G	MG/L	0045	BAT2.5	52	52	5.00	5.00	0.0		
		0290	BAT2.5+P+F	52	51	5.01	5.01	0.0971		
		0297	BAT2.5+P	103	103	5.00	5.00	0.0		
		0339	BAT2.5+P	411	409	5.03	5.03	0.366		
TKN	MG/L	0304	BAT2.5+F	65	0	1.18	1.20	0.829	3.51	1.64
		0307b	BAT2.5	155	155	0.500	0.500	0.0		
		0307c	BAT2.5	304	278	0.562	0.561	0.274	3.46	1.55
		0307e	BAT2.5	459	433	0.541	0.540	0.225	3.15	1.48
		0340a	BAT2.5+F	51	0	1.64	2.22	4.20	8.24	2.71
		0340b	BAT2.5+F	67	47	0.251	0.255	0.348	6.62	2.30
		6445	BAT2.5+P+F	5	0	1.59	1.61	0.499	1.93	1.27
		6448	BAT2.5	5	0	1.81	1.84	0.688	2.17	1.33
TOTAL NITROGEN	MG/L	0307c	BAT2.5	304	0	54.6	55.0	27.8	2.71	1.46
		0339	BAT2.5+P	203	0	35.7	35.5	14.6	2.33	1.37
TOTAL PHOSPHORUS	MG/L	0045	BAT2.5	44	0	20.5	20.5	3.15	1.41	1.13
		0290	BAT2.5+P+F	51	0	0.321	0.295	0.169	3.00	1.53
		0304	BAT2.5+F	451	0	33.9	34.8	12.4	2.10	1.32
		0307b	BAT2.5	4	0	12.3	12.4	2.30	1.51	1.16
		0307c	BAT2.5	201	47	0.693	0.714	0.601	4.05	1.79
		0307e	BAT2.5	205	47	0.920	0.839	0.876	5.02	1.99
		0339	BAT2.5+P	425	5	0.655	0.665	0.686	5.03	1.97
		6445	BAT2.5+P+F	5	0	0.700	0.768	0.960	5.96	2.18
		6448	BAT2.5	5	0	15.2	15.2	0.439	1.07	1.02
TSS	MG/L	0011	BAT2.5	52	0	12.8	13.3	11.8	4.39	1.83
		0026	BAT2.5	54	0	13.9	14.6	14.5	4.87	1.94
		0032	BAT2.5	52	0	4.98	5.08	2.94	3.02	1.53
		0045	BAT2.5	105	5	4.17	4.20	3.05	3.65	1.68
		0297	BAT2.5+P	104	0	1.48	1.49	1.04	3.53	1.64
		0304	BAT2.5+F	586	4	5.18	5.24	3.96	3.81	1.71
		0307b	BAT2.5	53	0	6.05	6.02	2.77	2.52	1.42

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Poultry -- Option=BAT2.5 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
		0307c	BAT2.5	104	0	4.87	4.90	2.27	2.53	1.42
		0307e	BAT2.5	157	0	5.27	5.27	2.49	2.57	1.43
		0308	BAT2.5+P	52	0	8.04	7.70	4.35	2.96	1.52
		0339	BAT2.5+P	991	0	8.50	8.45	5.96	3.58	1.66
		0340a	BAT2.5+F	51	0	10.3	10.3	4.37	2.37	1.38
		0340b	BAT2.5+F	67	0	8.94	9.16	5.78	3.25	1.58
		6445	BAT2.5+P+F	5	0	8.00	8.14	3.56	2.43	1.39
		6448	BAT2.5	5	0	9.10	9.25	3.19	2.06	1.31

Subcategory=Poultry -- Option=BAT3

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0314	BAT3	107	0	0.775	0.592	1.50	9.89	3.10
CBOD	MG/L	0314	BAT3	102	0	4.06	4.15	3.47	4.17	1.78
FECAL COLIFORMS	/100MLS	0314	BAT3	103	84	40.2	72.0	1,660.0	16.5	3.32
O&G	MG/L	0314	BAT3	103	97	5.04	5.04	0.214	1.23	1.05
TSS	MG/L	0314	BAT3	108	0	7.42	7.14	7.84	5.33	2.04

Subcategory=Poultry -- Option=BAT4

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0293	BAT4	49	0	0.436	0.423	0.403	4.69	1.90
		6304	BAT4	5	4	0.202	0.202	0.00447		
		6493	BAT4	5	0	0.105	0.107	0.0395	2.16	1.33
BOD5	MG/L	0293	BAT4	43	0	5.62	5.64	1.72	1.92	1.27
		6304	BAT4	5	0	8.60	8.83	3.89	2.44	1.40
		6493	BAT4	5	3	5.40	5.40	1.20		
CBOD	MG/L	0293	BAT4	43	0	4.07	4.09	1.60	2.24	1.35
		6304	BAT4	5	3	6.60	7.42	9.73	6.42	2.25
		6493	BAT4	5	5	5.40	5.40	1.34		
COD	MG/L	0293	BAT4	43	0	16.2	16.6	8.75	2.81	1.48
		6304	BAT4	5	0	20.4	20.5	3.36	1.44	1.14

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Poultry -- Option=BAT4 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
		6493	BAT4	5	2	14.1	14.4	6.50	2.56	1.41
FECAL COLIFORMS	/100MLS	0293	BAT4	30	17	45.1	49.0	377.0	16.2	3.94
		6304	BAT4	5	4	2.00	2.00	0.0		
		6493	BAT4	5	1	2.80	2.83	0.891	1.95	1.28
O&G(as HEM)	MG/L	0293	BAT4	45	45	5.00	5.00	0.0		
		6304	BAT4	5	3	5.47	5.47	0.163		
		6493	BAT4	5	5	5.32	5.32	0.190		
NITRATE/NITRITE	MG/L	0293	BAT4	17	0	7.04	7.46	6.46	4.30	1.81
		6304	BAT4	5	1	0.626	0.627	0.0961	1.37	1.13
		6493	BAT4	5	0	0.421	0.726	2.91	12.2	3.61
TKN	MG/L	6304	BAT4	5	0	1.19	1.20	0.367	1.92	1.27
		6493	BAT4	5	0	1.49	1.50	0.478	1.96	1.28
TOTAL PHOSPHORUS	MG/L	0293	BAT4	48	0	2.74	3.55	13.2	11.8	3.54
		6304	BAT4	5	0	0.472	0.592	1.76	10.8	3.30
		6493	BAT4	5	0	4.06	4.06	0.419	1.26	1.09
TSS	MG/L	0293	BAT4	43	4	2.56	2.56	1.55	3.08	1.56
		6304	BAT4	5	1	5.60	5.63	1.46	1.72	1.23
		6493	BAT4	5	0	4.50	4.51	0.690	1.41	1.13

Subcategory=Poultry -- Option=BAT5

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0310	BAT5	50	0	1.22	1.73	3.04	7.81	2.60
		0334	BAT5	24	2	2.58	2.62	4.64	7.91	2.62
		6304	BAT5	5	4	0.200	0.200	0.0		
BOD5	MG/L	6304	BAT5	5	5	3.00	3.00	0.0		
CBOD	MG/L	0310	BAT5	49	0	1.77	1.74	0.852	2.64	1.44
		0334	BAT5	24	1	5.13	5.13	6.64	6.15	2.22
		6304	BAT5	5	5	3.00	3.00	0.0		
COD	MG/L	6304	BAT5	5	0	18.4	18.5	4.47	1.69	1.21
FECAL COLIFORMS	/100MLS	0310	BAT5	49	0	117.0	149.0	1,700.0	14.9	3.77
		0334	BAT5	24	16	82.2	130.0	2,130.0	16.7	3.61
		6304	BAT5	5	3	21.8	267.0	19,700.0	12.2	2.21

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Poultry -- Option=BAT5 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
O&G(as HEM)	MG/L	0334	BAT5	24	18	7.46	7.47	5.40	3.81	1.68
		6304	BAT5	5	3	5.52	5.52	0.136		
NITRATE/NITRITE	MG/L	0310	BAT5	50	0	21.3	24.1	104.0	12.5	3.66
		0334	BAT5	24	3	7.67	8.11	10.3	6.02	2.20
		6304	BAT5	5	2	0.665	0.667	0.169	1.63	1.22
O&G	MG/L	0310	BAT5	50	49	5.05	5.05	0.382		
TKN	MG/L	6304	BAT5	5	0	1.26	1.27	0.539	2.38	1.38
TOTAL PHOSPHORUS	MG/L	0310	BAT5	51	0	1.40	1.33	2.08	7.19	2.46
		0334	BAT5	23	0	5.37	6.20	11.9	8.33	2.73
		6304	BAT5	5	0	0.345	0.359	0.965	10.2	3.18
TSS	MG/L	0310	BAT5	50	0	5.61	5.92	5.67	4.71	1.90
		0334	BAT5	24	0	9.38	10.2	13.3	6.22	2.24
		6304	BAT5	5	5	4.00	4.00	0.0		

Subcategory=Poultry -- Option=INDIR

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	6443	INDIR	3	0	5.37	5.55	2.47	2.45	1.40
		6444	INDIR	3	0	13.4	13.5	2.51	1.51	1.16
BOD5	MG/L	6443	INDIR	3	0	214.0	220.0	94.9	2.40	1.39
		6444	INDIR	3	0	203.0	207.0	75.6	2.14	1.32
CBOD	MG/L	6443	INDIR	3	0	170.0	173.0	62.4	2.12	1.32
		6444	INDIR	3	0	188.0	190.0	55.9	1.87	1.26
COD	MG/L	6443	INDIR	3	0	1,640.0	2,180.0	5,130.0	9.47	3.00
		6444	INDIR	3	0	474.0	477.0	91.8	1.53	1.17
FECAL COLIFORMS	/100MLS	6443	INDIR	3	0	534,000.0	200,000,000.0	29800000000000000		
O&G(as HEM)	MG/L	6443	INDIR	3	1	95.9	541.0	10,300.0	15.5	3.45
		6444	INDIR	3	0	19.1	21.0	18.3	4.34	1.82
NITRATE/NITRITE	MG/L	6443	INDIR	3	2	0.993	0.993	0.421		
		6444	INDIR	3	3	0.300	0.300	0.0		

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

---------- Subcategory=Poultry -- Option=INDIR ----------

(continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
TKN	MG/L	6443	INDIR	3	0	21.9	22.0	3.83	1.47	1.15
		6444	INDIR	3	0	46.7	46.8	5.73	1.32	1.10
TOTAL PHOSPHORUS	MG/L	6443	INDIR	3	0	17.5	18.1	8.91	2.66	1.45
		6444	INDIR	3	0	17.7	34.1	206.0	13.7	3.84
TSS	MG/L	6443	INDIR	3	0	138.0	138.0	23.3	1.46	1.14
		6444	INDIR	3	0	52.8	52.9	2.72	1.13	1.04

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Meat -- Option=BAT2

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0046	BAT2+P+F	46	0	0.492	0.492	0.439	4.43	1.84
		0277	BAT2+F	294	213	0.178	0.169	0.214	6.49	2.24
		0280	BAT2+P+F	363	0	0.456	0.495	0.642	6.16	2.22
		0317	BAT2	52	0	0.185	0.169	0.100	3.08	1.54
		0326	BAT2+P	219	8	0.203	0.227	0.370	7.38	2.50
		6440	BAT2	3	0	0.127	0.130	0.0516	2.26	1.35
		6447	BAT2	3	0	0.510	0.516	0.139	1.79	1.24
		6486	BAT2+F	5	5	1.00	1.00	0.0		
BOD5	MG/L	0046	BAT2+P+F	44	0	6.20	6.18	4.07	3.38	1.61
		0277	BAT2+F	295	2	2.81	2.96	2.52	4.22	1.80
		0280	BAT2+P+F	363	0	3.97	3.92	2.43	3.21	1.57
		0326	BAT2+P	52	29	3.52	3.47	2.42	3.54	1.64
		6440	BAT2	3	1	7.00	7.01	0.921	1.31	1.11
		6447	BAT2	3	1	4.67	4.74	1.33	1.93	1.25
		6486	BAT2+F	5	0	4.53	4.56	1.03	1.64	1.20
CBOD	MG/L	0317	BAT2	52	0	7.48	7.37	5.62	3.84	1.71
		6440	BAT2	3	2	6.33	6.33	0.577		
		6447	BAT2	3	1	4.00	4.00	0.0		
		6486	BAT2+F	5	2	2.92	2.92	0.785	1.44	1.23
COD	MG/L	6440	BAT2	3	0	33.0	33.0	1.76	1.13	1.04
		6447	BAT2	3	0	47.2	47.3	7.09	1.40	1.13
		6486	BAT2+F	5	0	50.6	50.7	9.48	1.51	1.16
FECAL COLIFORMS	/100MLS	0046	BAT2+P+F	46	0	60.8	127.0	1,770.0	15.0	3.66
		0277	BAT2+F	295	157	7.60	6.54	20.6	11.5	3.38
		0317	BAT2	52	0	60.9	41.9	81.9	8.43	2.75
		6440	BAT2	3	1	21.5	21.7	15.1	2.27	1.63
		6447	BAT2	3	1	32.7	35.3	34.8	4.22	1.92
		6486	BAT2+F	5	1	41.4	67.5	356.0	13.7	3.79
O&G(as HEM)	MG/L	0046	BAT2+P+F	46	26	6.54	6.55	2.41	2.22	1.33
		0280	BAT2+P+F	362	289	5.64	5.63	1.84	2.44	1.33
		0326	BAT2+P	52	49	5.31	5.34	1.83	2.80	1.40
		6440	BAT2	3	3	5.92	5.92	0.0833		
		6447	BAT2	3	0	11.9	13.2	14.3	5.25	2.02
		6486	BAT2+F	5	1	12.2	12.8	9.81	3.81	1.71
NITRATE/NITRITE	MG/L	0277	BAT2+F	51	0	169.0	169.0	22.4	1.35	1.11
		0326	BAT2+P	46	0	193.0	193.0	37.3	1.53	1.17
		6440	BAT2	3	0	73.7	73.7	2.83	1.09	1.03
		6447	BAT2	3	0	290.0	290.0	21.0	1.18	1.06
		6486	BAT2+F	5	0	194.0	195.0	66.1	2.04	1.30
O&G	MG/L	0277	BAT2+F	51	51	5.00	5.00	0.0		
		0317	BAT2	52	50	5.23	5.23	1.15	2.10	1.29

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Meat -- Option=BAT2 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
TKN	MG/L	0326	BAT2+P	47	31	0.754	0.843	1.46	7.91	2.61
		6440	BAT2	3	0	1.82	1.83	0.173	1.24	1.08
		6447	BAT2	3	0	3.03	3.21	2.19	3.48	1.63
		6486	BAT2+F	5	2	6.13	6.13	4.22	1.79	1.61
TOTAL PHOSPHORUS	MG/L	0046	BAT2+P+F	32	0	1.46	1.09	1.62	6.91	2.39
		0277	BAT2+F	52	0	33.0	33.1	6.84	1.58	1.18
		0326	BAT2+P	47	0	25.9	26.0	11.3	2.41	1.39
		6440	BAT2	3	0	11.7	11.7	0.882	1.19	1.06
		6447	BAT2	3	0	14.7	14.8	1.90	1.34	1.11
		6486	BAT2+F	5	0	44.0	44.0	4.21	1.24	1.08
TSS	MG/L	0046	BAT2+P+F	46	0	15.2	15.4	8.06	2.78	1.48
		0277	BAT2+F	295	0	11.0	11.0	4.46	2.29	1.36
		0280	BAT2+P+F	363	0	10.5	10.1	8.80	4.32	1.82
		0317	BAT2	52	0	29.5	29.3	12.2	2.34	1.37
		0326	BAT2+P	319	0	9.45	9.47	3.96	2.35	1.38
		6440	BAT2	3	0	12.3	12.6	4.77	2.19	1.34
		6447	BAT2	3	0	19.2	19.2	2.98	1.41	1.13
		6486	BAT2+F	5	0	11.8	11.9	2.86	1.69	1.21

Subcategory=Meat -- Option=BAT2.5

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0256	BAT2.5	104	0	1.15	1.14	0.317	1.82	1.24
		0287	BAT2.5	348	44	0.249	0.227	0.236	5.04	1.98
		0328	BAT2.5+F	235	22	0.529	0.551	0.730	6.26	2.25
		6441	BAT2.5	3	2	1.00	1.00	0.0		
		6442	BAT2.5	5	0	0.793	0.807	0.329	2.31	1.37
BOD5	MG/L	0256	BAT2.5	101	0	32.5	32.7	13.2	2.28	1.36
		0287	BAT2.5	339	182	3.62	3.65	2.74	3.78	1.70
		6441	BAT2.5	3	0	6.30	7.03	6.50	4.57	1.87
		6442	BAT2.5	5	1	6.80	6.82	1.13	1.47	1.14
CBOD	MG/L	0287	BAT2.5	356	244	3.32	3.23	3.09	5.07	1.93
		0328	BAT2.5+F	235	84	3.10	3.09	1.38	2.47	1.40
		6441	BAT2.5	3	0	2.69	2.69	0.246	1.23	1.08
		6442	BAT2.5	5	2	7.50	7.59	2.64	2.20	1.31
COD	MG/L	6441	BAT2.5	3	1	22.3	22.4	2.73	1.33	1.10
		6442	BAT2.5	5	0	117.0	117.0	10.0	1.22	1.07

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Meat -- Option=BAT2.5 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
FECAL COLIFORMS	/100MLS	0256	BAT2.5	104	0	17.3	21.2	69.6	11.2	3.41
		0328	BAT2.5+F	142	139	20.8	21.1	18.9	1.87	0.933
		6441	BAT2.5	3	2	768.0	768.0	1,330.0		
		6442	BAT2.5	5	0	493.0	1,190.0	25,700.0	14.8	3.35
O&G(as HEM)	MG/L	6441	BAT2.5	3	3	5.79	5.79	0.0629		
		6442	BAT2.5	5	4	6.07	6.07	0.253		
NITRATE/NITRITE	MG/L	6441	BAT2.5	3	0	162.0	162.0	14.8	1.23	1.08
		6442	BAT2.5	5	0	164.0	164.0	6.53	1.10	1.03
O&G	MG/L	0256	BAT2.5	103	37	8.72	8.33	4.90	3.10	1.54
		0287	BAT2.5	365	343	5.10	5.10	0.567	1.60	1.13
		0328	BAT2.5+F	137	130	5.15	5.15	0.913	1.96	1.21
TKN	MG/L	6441	BAT2.5	3	1	1.61	1.65	0.768	2.48	1.42
		6442	BAT2.5	5	0	5.62	5.74	3.14	2.89	1.50
TOTAL PHOSPHORUS	MG/L	6441	BAT2.5	3	0	11.5	11.5	0.500	1.11	1.04
		6442	BAT2.5	5	0	31.3	31.3	1.17	1.09	1.03
TSS	MG/L	0256	BAT2.5	114	0	41.4	41.3	26.1	3.26	1.58
		0287	BAT2.5	364	115	9.81	9.70	7.83	3.97	1.75
		0328	BAT2.5+F	237	119	6.26	6.24	3.20	2.71	1.46
		6441	BAT2.5	3	0	28.0	29.4	18.7	3.27	1.59
		6442	BAT2.5	5	0	22.2	22.2	3.05	1.36	1.12

Subcategory=Meat -- Option=BAT4

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	0284	BAT4	12	6	0.0900	0.0912	0.0636	3.51	1.64
		6485	BAT4	5	0	0.276	0.285	0.155	2.87	1.50
BOD5	MG/L	0284	BAT4	50	16	6.87	5.72	7.11	6.02	2.18
		6485	BAT4	5	4	6.00	6.00	0.0		
CBOD	MG/L	6485	BAT4	5	5	6.00	6.00	0.0		
COD	MG/L	0284	BAT4	9	0	178.0	179.0	107.0	3.10	1.55
		6485	BAT4	5	0	72.5	72.8	17.0	1.66	1.20
FECAL COLIFORMS	/100MLS	6485	BAT4	5	0	4,220.0	4,920.0	5,880.0	5.75	2.13

Attachment 14-2: Episode-Specific Long-Term Averages and Variability Factors for Pollutants of Concern

Subcategory=Meat -- Option=BAT4 (continued)

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
O&G(as HEM)	MG/L	0284	BAT4	12	0	22.2	13.6	19.7	6.76	2.36
		6485	BAT4	5	5	5.90	5.90	0.285		
NITRATE/NITRITE	MG/L	0284	BAT4	12	0	8.66	8.78	3.69	2.35	1.38
		6485	BAT4	5	0	12.0	12.0	1.30	1.28	1.09
TKN	MG/L	0284	BAT4	9	0	1.60	1.61	0.388	1.69	1.21
		6485	BAT4	5	0	4.74	4.77	1.13	1.67	1.20
TOTAL PHOSPHORUS	MG/L	0284	BAT4	52	0	6.93	7.08	3.95	2.93	1.51
		6485	BAT4	5	0	3.14	3.45	4.16	5.79	2.14
TSS	MG/L	0284	BAT4	51	2	12.3	12.3	9.71	3.96	1.74
		6485	BAT4	5	0	25.0	25.7	15.5	3.12	1.55

Subcategory=Meat -- Option=BAT5

Pollutant	Unit	Episode	Base Option	# Obs	# NDs	Obs Mean	Est. LTA	Est. STD	1-Day V.F.	4-Day V.F.
Ammonia as N	MG/L	6485	BAT5	5	1	0.206	0.217	0.163	3.56	1.70
BOD5	MG/L	6485	BAT5	5	5	6.00	6.00	0.0		
CBOD	MG/L	6485	BAT5	5	5	5.20	5.20	1.79		
COD	MG/L	6485	BAT5	5	0	45.3	45.5	12.0	1.77	1.23
FECAL COLIFORMS	/100MLS	6485	BAT5	5	4	3.00	3.00	2.68		
O&G(as HEM)	MG/L	6485	BAT5	5	5	5.90	5.90	0.190		
NITRATE/NITRITE	MG/L	6485	BAT5	5	0	12.8	12.9	3.08	1.68	1.21
TKN	MG/L	6485	BAT5	5	0	1.70	1.70	0.128	1.19	1.06
TOTAL PHOSPHORUS	MG/L	6485	BAT5	5	0	3.33	3.56	3.04	4.25	1.80
TSS	MG/L	6485	BAT5	5	2	5.40	5.50	2.27	2.42	1.37

Attachment 14-3: Incorporation of Autocorrelation into Episode-Specific Long-Term Averages and Daily Variability Factors

Subcategory	Option	Pollutant	Episode	Base Option	Unit	LTA Before	LTA After	Daily V.F. Before	Daily V.F. After	Estimated RHO_C	Correlation Transfer
Poultry	BAT2	Ammonia as N	0019	BAT2+P	MG/L	0.467	0.512	6.54	7.27	0.66	1
		Ammonia as N	0273	BAT2+F	MG/L	0.242	0.242	4.13	4.16	0.60	
		Ammonia as N	0291	BAT2	MG/L	0.800	0.820	7.49	7.68	0.66	1
		Ammonia as N	0307a	BAT2	MG/L	0.295	0.302	4.72	5.02	0.66	1
		Ammonia as N	0309	BAT2	MG/L	0.539	0.555	7.26	7.49	0.78	
		BOD5	0019	BAT2+P	MG/L	3.88	4.03	4.01	4.35	0.63	2
		BOD5	0273	BAT2+F	MG/L	2.54	2.54	1.98	1.99	0.46	
		BOD5	0291	BAT2	MG/L	3.71	3.75	5.14	5.25	0.63	2
		BOD5	0307a	BAT2	MG/L	7.90	7.98	3.15	3.25	0.63	2
		BOD5	0309	BAT2	MG/L	29.5	30.2	5.62	5.85	0.83	
		TSS	0019	BAT2+P	MG/L	4.72	4.84	2.70	2.96	0.71	2
		TSS	0273	BAT2+F	MG/L	2.36	2.36	3.10	3.10	0.16	
		TSS	0291	BAT2	MG/L	5.55	5.64	5.00	5.15	0.71	2
		TSS	0307a	BAT2	MG/L	10.1	10.2	2.81	2.94	0.71	2
		TSS	0309	BAT2	MG/L	11.5	11.7	4.54	4.69	0.81	
Poultry	BAT2.5	Ammonia as N	0011	BAT2.5	MG/L	1.84	1.93	7.32	7.69	0.66	1
		Ammonia as N	0026	BAT2.5	MG/L	1.07	1.10	5.13	5.37	0.66	1
		Ammonia as N	0032	BAT2.5	MG/L	0.681	0.685	2.39	2.46	0.66	1
		Ammonia as N	0045	BAT2.5	MG/L	0.151	0.152	4.47	4.57	0.66	1
		Ammonia as N	0290	BAT2.5+P+F	MG/L	1.08	1.07			0.66	1
		Ammonia as N	0297	BAT2.5+P	MG/L	0.671	0.681	5.65	5.78	0.66	1
		Ammonia as N	0304	BAT2.5+F	MG/L	0.459	0.460	4.52	4.54	0.67	
		Ammonia as N	0307b	BAT2.5	MG/L	0.404	0.412	4.60	4.99	0.66	1
		Ammonia as N	0307c	BAT2.5	MG/L	0.310	0.333	6.94	8.38	0.66	1
		Ammonia as N	0307e	BAT2.5	MG/L	0.354	0.360	5.50	5.83	0.66	1
		Ammonia as N	0308	BAT2.5+P	MG/L	1.90	1.98	6.88	7.23	0.66	1
		Ammonia as N	0339	BAT2.5+P	MG/L	0.201	0.201	6.89	6.92	0.64	
		Ammonia as N	0340a	BAT2.5+F	MG/L	0.223	0.229	4.91	5.32	0.66	1
		Ammonia as N	0340b	BAT2.5+F	MG/L	0.116	0.156	4.67	6.45	0.66	1
		BOD5	0045	BAT2.5	MG/L	1.76	1.77	3.37	3.45	0.63	2
		BOD5	0290	BAT2.5+P+F	MG/L	0.731	0.731	1.27	1.28	0.63	2
		BOD5	0304	BAT2.5+F	MG/L	3.26	3.26	2.33	2.33	0.63	
		BOD5	0307b	BAT2.5	MG/L	4.86	4.93	3.70	3.85	0.63	2
		BOD5	0307c	BAT2.5	MG/L	4.79	4.79	3.00	3.01	0.28	
		BOD5	0307e	BAT2.5	MG/L	4.81	4.81	3.22	3.24	0.35	
		BOD5	0308	BAT2.5+P	MG/L	7.14	7.25	3.86	4.00	0.63	2
		BOD5	0339	BAT2.5+P	MG/L	4.37	4.37	4.75	4.78	0.80	
		BOD5	0340a	BAT2.5+F	MG/L	8.23	8.29	2.79	2.88	0.63	2
		BOD5	0340b	BAT2.5+F	MG/L	3.57	3.58	2.79	2.87	0.63	2

(1) Transferred from Median of Episodes 0273, 0309, 0304 and 0339
(2) Transferred from Median of Episodes 0273, 0309, 0304, 0307c, and 0339
(3) Transferred from Median of Episodes 0280, 0326, 0287 and 0328
(4) Transferred from Median of Episodes 0277, 0280, and 0287
(5) Transferred from Median of Episodes 0277, 0280, 0326, 0256, 0287 and 0328

Attachment 14-3: Incorporation of Autocorrelation into Episode-Specific Long-Term Averages and Daily Variability Factors

Subcategory	Option	Pollutant	Episode	Base Option	Unit	LTA Before	LTA After	Daily V.F. Before	Daily V.F. After	Estimated RHO_C	Correlation Transfer
Poultry	BAT2.5	TOTAL NITROGEN	0307c	BAT2.5	MG/L	55.0	55.4	2.71	2.79	0.91	
		TOTAL NITROGEN	0339	BAT2.5+P	MG/L	35.5	35.5	2.33	2.35	0.76	
		TSS	0011	BAT2.5	MG/L	13.3	13.7	4.39	4.65	0.71	2
		TSS	0026	BAT2.5	MG/L	14.6	15.1	4.87	5.15	0.71	2
		TSS	0032	BAT2.5	MG/L	5.08	5.15	3.02	3.16	0.71	2
		TSS	0045	BAT2.5	MG/L	4.20	4.23	3.65	3.74	0.71	2
		TSS	0297	BAT2.5+P	MG/L	1.49	1.50	3.53	3.62	0.71	2
		TSS	0304	BAT2.5+F	MG/L	5.24	5.25	3.81	3.82	0.65	
		TSS	0307b	BAT2.5	MG/L	6.02	6.07	2.52	2.62	0.71	2
		TSS	0307c	BAT2.5	MG/L	4.90	4.90	2.53	2.55	0.55	
		TSS	0307e	BAT2.5	MG/L	5.27	5.28	2.57	2.59	0.54	
		TSS	0308	BAT2.5+P	MG/L	7.70	7.81	2.96	3.10	0.71	2
		TSS	0339	BAT2.5+P	MG/L	8.45	8.45	3.58	3.60	0.77	
		TSS	0340a	BAT2.5+F	MG/L	10.3	10.3	2.37	2.46	0.71	2
		TSS	0340b	BAT2.5+F	MG/L	9.16	9.27	3.25	3.38	0.71	2

(1) Transferred from Median of Episodes 0273, 0309, 0304 and 0339
(2) Transferred from Median of Episodes 0273, 0309, 0304, 0307c, and 0339
(3) Transferred from Median of Episodes 0280, 0326, 0287 and 0328
(4) Transferred from Median of Episodes 0277, 0280, and 0287
(5) Transferred from Median of Episodes 0277, 0280, 0326, 0256, 0287 and 0328

Attachment 14-3: Incorporation of Autocorrelation into Episode-Specific Long-Term Averages and Daily Variability Factors

Subcategory	Option	Pollutant	Episode	Base Option	Unit	LTA Before	LTA After	Daily V.F. Before	Daily V.F. After	Estimated RHO_C	Correlation Transfer
Meat	BAT2	Ammonia as N	0046	BAT2+P+F	MG/L	0.492	0.510	4.43	4.75	0.73	3
		Ammonia as N	0277	BAT2+F	MG/L	0.169	0.171	6.49	6.73	0.73	3
		Ammonia as N	0280	BAT2+P+F	MG/L	0.495	0.500	6.16	6.25	0.81	
		Ammonia as N	0317	BAT2	MG/L	0.169	0.171	3.08	3.24	0.73	3
		Ammonia as N	0326	BAT2+P	MG/L	0.227	0.229	7.38	7.46	0.65	
		BOD5	0046	BAT2+P+F	MG/L	6.18	6.40	3.38	3.73	0.81	4
		BOD5	0277	BAT2+F	MG/L	2.96	2.98	4.22	4.29	0.81	
		BOD5	0280	BAT2+P+F	MG/L	3.92	3.96	3.21	3.33	0.93	
		BOD5	0326	BAT2+P	MG/L	3.47	3.58	3.54	4.10	0.81	4
		TSS	0046	BAT2+P+F	MG/L	15.4	15.4	2.78	2.86	0.57	5
		TSS	0277	BAT2+F	MG/L	11.0	11.0	2.29	2.30	0.56	
		TSS	0280	BAT2+P+F	MG/L	10.1	10.4	4.32	4.56	0.94	
		TSS	0317	BAT2	MG/L	29.3	29.4	2.34	2.39	0.57	5
		TSS	0326	BAT2+P	MG/L	9.47	9.47	2.35	2.35	0.58	
Meat	BAT2.5	Ammonia as N	0256	BAT2.5	MG/L	1.14	1.14	1.82	1.85	0.73	3
		Ammonia as N	0287	BAT2.5	MG/L	0.227	0.227	5.04	5.06	0.48	
		Ammonia as N	0328	BAT2.5+F	MG/L	0.551	0.565	6.26	6.49	0.86	
		BOD5	0256	BAT2.5	MG/L	32.7	32.9	2.28	2.35	0.81	4
		BOD5	0287	BAT2.5	MG/L	3.65	3.65	3.78	3.83	0.71	
		TSS	0256	BAT2.5	MG/L	41.3	41.3	3.26	3.28	0.39	
		TSS	0287	BAT2.5	MG/L	9.70	9.73	3.97	4.01	0.70	
		TSS	0328	BAT2.5+F	MG/L	6.24	6.24	2.71	2.72	0.51	

(1) Transferred from Median of Episodes 0273, 0309, 0304 and 0339
(2) Transferred from Median of Episodes 0273, 0309, 0304, 0307c, and 0339
(3) Transferred from Median of Episodes 0280, 0326, 0287 and 0328
(4) Transferred from Median of Episodes 0277, 0280, and 0287
(5) Transferred from Median of Episodes 0277, 0280, 0326, 0256, 0287 and 0328

Attachment 14-3: Incorporation of Autocorrelation into Episode-Specific Long-Term Averages and Monthly Variability Factors

Subcategory	Option	Pollutant	Episode	Base Option	Unit	LTA Before	LTA After	Monthly V.F. Before	Monthly V.F. After	Estimated RHO_A	Correlation Transfer
Poultry	BAT2	Ammonia as N	0019	BAT2+P	MG/L	0.467	0.512	2.31	2.99	0.66	1
		Ammonia as N	0273	BAT2+F	MG/L	0.242	0.242	1.78	2.16	0.60	
		Ammonia as N	0291	BAT2	MG/L	0.800	0.820	2.53	3.08	0.66	1
		Ammonia as N	0307a	BAT2	MG/L	0.295	0.302	1.92	2.40	0.66	1
		Ammonia as N	0309	BAT2	MG/L	0.539	0.555	2.48	3.16	0.78	
		BOD5	0019	BAT2+P	MG/L	3.88	4.03	1.75	2.32	0.69	2
		BOD5	0273	BAT2+F	MG/L	2.54	2.54	1.29	1.41	0.46	
		BOD5	0291	BAT2	MG/L	3.71	3.75	2.00	2.55	0.69	2
		BOD5	0307a	BAT2	MG/L	7.90	7.98	1.56	1.96	0.69	2
		BOD5	0309	BAT2	MG/L	29.5	30.2	2.10	2.84	0.83	
		TSS	0019	BAT2+P	MG/L	4.72	4.84	1.46	1.87	0.72	2
		TSS	0273	BAT2+F	MG/L	2.36	2.36	1.55	1.61	0.16	
		TSS	0291	BAT2	MG/L	5.55	5.64	1.97	2.54	0.72	2
		TSS	0307a	BAT2	MG/L	10.1	10.2	1.48	1.87	0.72	2
		TSS	0309	BAT2	MG/L	11.5	11.7	1.86	2.51	0.81	
Poultry	BAT2.5	Ammonia as N	0011	BAT2.5	MG/L	1.84	1.93	2.49	3.08	0.66	1
		Ammonia as N	0026	BAT2.5	MG/L	1.07	1.10	2.00	2.55	0.66	1
		Ammonia as N	0032	BAT2.5	MG/L	0.681	0.685	1.38	1.66	0.66	1
		Ammonia as N	0045	BAT2.5	MG/L	0.151	0.152	1.85	2.33	0.66	1
		Ammonia as N	0290	BAT2.5+P+F	MG/L	1.08	1.07			0.66	1
		Ammonia as N	0297	BAT2.5+P	MG/L	0.671	0.681	2.11	2.65	0.66	1
		Ammonia as N	0304	BAT2.5+F	MG/L	0.459	0.460	1.89	2.57	0.73	
		Ammonia as N	0307b	BAT2.5	MG/L	0.404	0.412	1.88	2.12	0.66	1
		Ammonia as N	0307c	BAT2.5	MG/L	0.310	0.333	2.34	1.88	0.66	1
		Ammonia as N	0307e	BAT2.5	MG/L	0.354	0.360	2.03	2.00	0.66	1
		Ammonia as N	0308	BAT2.5+P	MG/L	1.90	1.98	2.39	2.98	0.66	1
		Ammonia as N	0339	BAT2.5+P	MG/L	0.201	0.201	2.37	2.52	0.52	
		Ammonia as N	0340a	BAT2.5+F	MG/L	0.223	0.229	1.94	2.21	0.66	1
		Ammonia as N	0340b	BAT2.5+F	MG/L	0.116	0.156	2.02	1.59	0.66	1
		BOD5	0045	BAT2.5	MG/L	1.76	1.77	1.60	1.88	0.69	2
		BOD5	0290	BAT2.5+P+F	MG/L	0.731	0.731	1.09	1.15	0.69	2
		BOD5	0304	BAT2.5+F	MG/L	3.26	3.26	1.37	1.60	0.69	
		BOD5	0307b	BAT2.5	MG/L	4.86	4.93	1.72	3.04	0.69	2
		BOD5	0307c	BAT2.5	MG/L	4.79	4.79	1.58	2.62	0.42	
		BOD5	0307e	BAT2.5	MG/L	4.81	4.81	1.63	2.64	0.42	
		BOD5	0308	BAT2.5+P	MG/L	7.14	7.25	1.72	2.20	0.69	2
		BOD5	0339	BAT2.5+P	MG/L	4.37	4.37	1.90	2.37	0.78	
		BOD5	0340a	BAT2.5+F	MG/L	8.23	8.29	1.48	1.83	0.69	2
		BOD5	0340b	BAT2.5+F	MG/L	3.57	3.58	1.49	1.78	0.69	2

(1) Transferred from Median of Episodes 0273, 0309, 0304 and 0339
(2) Transferred from Median of Episodes 0273, 0309, 0304, 0307c, and 0339
(3) Transferred from Median of Episodes 0280, 0326, 0287 and 0328
(4) Transferred from Median of Episodes 0277, 0280, and 0287
(5) Transferred from Median of Episodes 0277, 0280, 0326, 0256, 0287 and 0328

Attachment 14-3: Incorporation of Autocorrelation into Episode-Specific Long-Term Averages and Monthly Variability Factors

Subcategory	Option	Pollutant	Episode	Base Option	Unit	LTA Before	LTA After	Monthly V.F. Before	Monthly V.F. After	Estimated RHO_A	Correlation Transfer
Poultry	BAT2.5	TOTAL NITROGEN	0307c	BAT2.5	MG/L	55.0	55.4	1.46	1.93	0.91	
		TOTAL NITROGEN	0339	BAT2.5+P	MG/L	35.5	35.5	1.37	1.66	0.76	
		TSS	0011	BAT2.5	MG/L	13.3	13.7	1.83	2.41	0.72	2
		TSS	0026	BAT2.5	MG/L	14.6	15.1	1.94	2.55	0.72	2
		TSS	0032	BAT2.5	MG/L	5.08	5.15	1.53	1.94	0.72	2
		TSS	0045	BAT2.5	MG/L	4.20	4.23	1.68	2.19	0.72	2
		TSS	0297	BAT2.5+P	MG/L	1.49	1.50	1.64	2.10	0.72	2
		TSS	0304	BAT2.5+F	MG/L	5.24	5.25	1.71	2.13	0.66	
		TSS	0307b	BAT2.5	MG/L	6.02	6.07	1.42	1.75	0.72	2
		TSS	0307c	BAT2.5	MG/L	4.90	4.90	1.42	1.64	0.55	
		TSS	0307e	BAT2.5	MG/L	5.27	5.28	1.43	1.64	0.54	
		TSS	0308	BAT2.5+P	MG/L	7.70	7.81	1.52	1.92	0.72	2
		TSS	0339	BAT2.5+P	MG/L	8.45	8.45	1.66	2.13	0.77	
		TSS	0340a	BAT2.5+F	MG/L	10.3	10.3	1.38	1.69	0.72	2
		TSS	0340b	BAT2.5+F	MG/L	9.16	9.27	1.58	2.02	0.72	2

(1) Transferred from Median of Episodes 0273, 0309, 0304 and 0339
(2) Transferred from Median of Episodes 0273, 0309, 0304, 0307c, and 0339
(3) Transferred from Median of Episodes 0280, 0326, 0287 and 0328
(4) Transferred from Median of Episodes 0277, 0280, and 0287
(5) Transferred from Median of Episodes 0277, 0280, 0326, 0256, 0287 and 0328

Attachment 14-3: Incorporation of Autocorrelation into Episode-Specific Long-Term Averages and Monthly Variability Factors

Subcategory	Option	Pollutant	Episode	Base Option	Unit	LTA Before	LTA After	Monthly V.F. Before	Monthly V.F. After	Estimated RHO_A	Correlation Transfer
Meat	BAT2	Ammonia as N	0046	BAT2+P+F	MG/L	0.492	0.510	1.84	2.44	0.72	3
		Ammonia as N	0277	BAT2+F	MG/L	0.169	0.171	2.24	2.02	0.72	3
		Ammonia as N	0280	BAT2+P+F	MG/L	0.495	0.500	2.22	2.93	0.81	
		Ammonia as N	0317	BAT2	MG/L	0.169	0.171	1.54	1.97	0.72	3
		Ammonia as N	0326	BAT2+P	MG/L	0.227	0.229	2.50	2.99	0.63	
		BOD5	0046	BAT2+P+F	MG/L	6.18	6.40	1.61	2.17	0.78	4
		BOD5	0277	BAT2+F	MG/L	2.96	2.98	1.80	2.44	0.78	
		BOD5	0280	BAT2+P+F	MG/L	3.92	3.96	1.57	2.16	0.93	
		BOD5	0326	BAT2+P	MG/L	3.47	3.58	1.64	2.01	0.78	4
		TSS	0046	BAT2+P+F	MG/L	15.4	15.4	1.48	1.76	0.58	5
		TSS	0277	BAT2+F	MG/L	11.0	11.0	1.36	1.55	0.56	
		TSS	0280	BAT2+P+F	MG/L	10.1	10.4	1.82	2.61	0.94	
		TSS	0317	BAT2	MG/L	29.3	29.4	1.37	1.60	0.58	5
		TSS	0326	BAT2+P	MG/L	9.47	9.47	1.38	1.58	0.58	
Meat	BAT2.5	Ammonia as N	0256	BAT2.5	MG/L	1.14	1.14	1.24	1.43	0.72	3
		Ammonia as N	0287	BAT2.5	MG/L	0.227	0.227	1.98	2.26	0.39	
		Ammonia as N	0328	BAT2.5+F	MG/L	0.551	0.565	2.25	3.20	0.86	
		BOD5	0256	BAT2.5	MG/L	32.7	32.9	1.36	1.67	0.78	4
		BOD5	0287	BAT2.5	MG/L	3.65	3.65	1.70	1.98	0.75	
		TSS	0256	BAT2.5	MG/L	41.3	41.3	1.58	1.78	0.39	
		TSS	0287	BAT2.5	MG/L	9.70	9.73	1.75	2.15	0.72	
		TSS	0328	BAT2.5+F	MG/L	6.24	6.24	1.46	1.63	0.59	

(1) Transferred from Median of Episodes 0273, 0309, 0304 and 0339
(2) Transferred from Median of Episodes 0273, 0309, 0304, 0307c, and 0339
(3) Transferred from Median of Episodes 0280, 0326, 0287 and 0328
(4) Transferred from Median of Episodes 0277, 0280, and 0287
(5) Transferred from Median of Episodes 0277, 0280, 0326, 0256, 0287 and 0328