Appendix A-7
Region 7

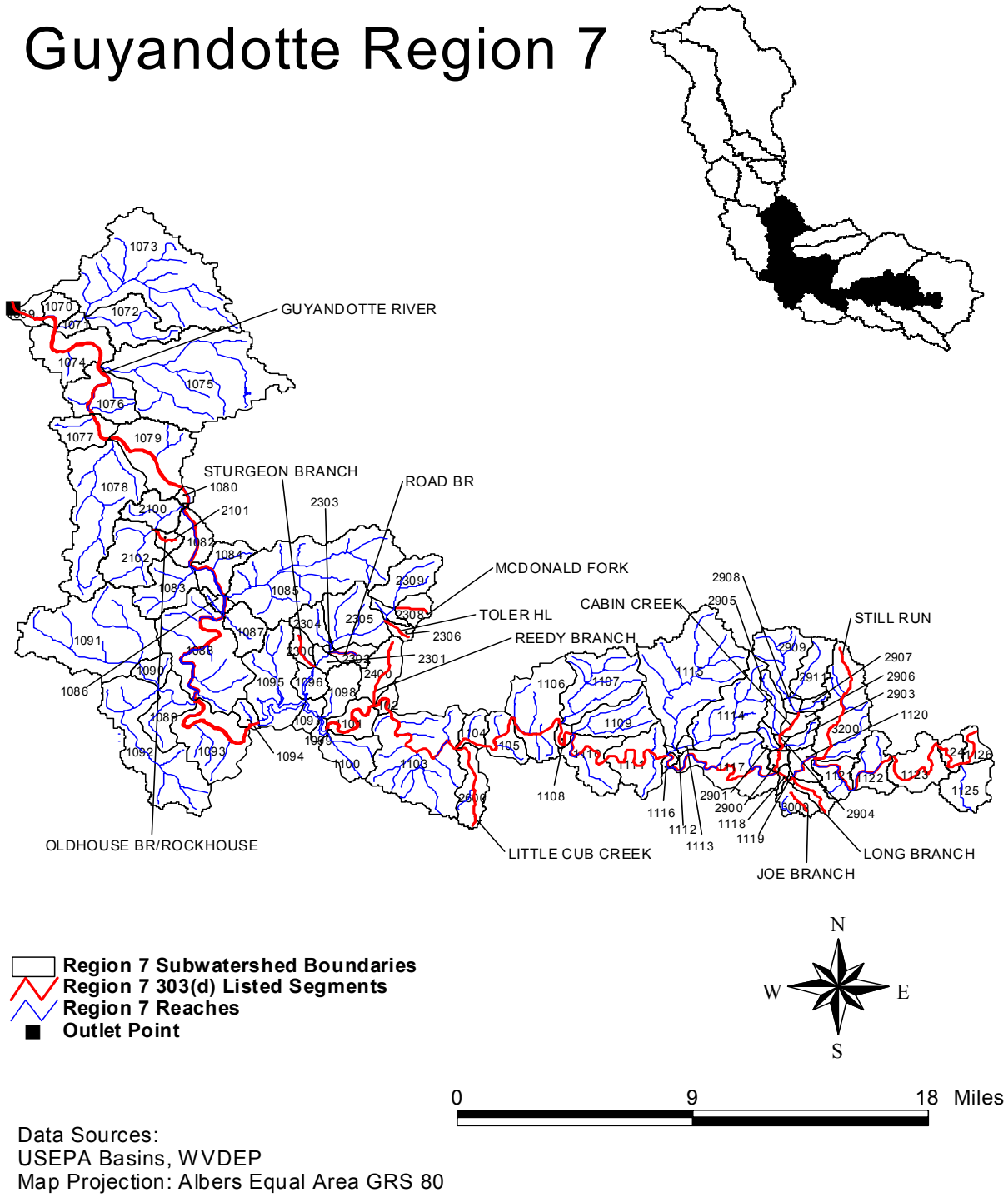

Figure 1. Region 7 - Guyandotte Watershed

Table 1. Impaired waterbodies in Region 7

Stream Name	Stream Code	Pollutant	Contributing SWS	Contributing Regions	Affected Use
Cabin Creek	OG-127	Metals	2900, 2904, 2908		Aquatic Life, Human Health
Guyandotte River	OG-4	Metals, Fecal Coliforms	All SWS in this Region	8-14	Aquatic Life, Human Health
Joe Branch	OG-128	Metals	3000		Aquatic Life, Human Health
Little Cub Creek	OG-108	Metals	2600		Aquatic Life, Human Health
Long Branch	OG-129	Metals	3100		Aquatic Life, Human Health
McDonald Fork	OG-96-H	Metals	2308		Aquatic Life, Human Health
Oldhouse Branch of Rockhouse Creek	OG-77-A.5	Metals, pH	2101		Aquatic Life, Human Health
Reedy Branch	OG-99	Metals	2400		Aquatic Life, Human Health
Road Branch	OG-96-B	Metals	2302		Aquatic Life, Human Health
Still Run	0OG-130	Metals	3200		Aquatic Life, Human Health
Sturgeon Branch	OG-96-A	Metals	2300		Aquatic Life, Human Health
Toler Hollow	OG-96-F	Metals	2306		Aquatic Life, Human Health

T = Aquatic Life Trout Waters

W = Warm Water Fishery

Table 2. Locations of abandoned mines (seep, deep mine, and/or leachate)

SWS
1069
1071
1072
1073
1075
1077
1078
1079
1085
1087
1088
1089
1090
1091
1092
1093

Table 2. (Continued) Locations of abandoned mines (seep, deep mine, and/or leachate)

SWS
1095
1103
1106
1110
1120
1121
1123
1124
1125
1126
2101
2102
2304
2305
2306
2307
2308
2309
2600
3000
3100
3200

Table 3a. Water quality data for dissolved aluminum

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	1, WVO-4	16.90	15	27	10	09/04/03	10/21/03
1002	OG-000-002.8	48.33	36	69	3	08/02/00	08/08/02
1003	2, WVO-4	18.70	15	47	10	09/04/03	10/21/03
1018	OG-17m0.8	50.00	50	50	1	06/04/02	06/04/02
1029	OG-29m2.4	50.00	50	50	1	06/04/02	06/04/02
1033	OG-32-Em0.2	40.00	40	40	1	06/03/02	06/03/02
1033	OG-32-Fm	100.00	100	100	3	07/10/00	04/05/01
1033	OG-32-Fm0.2	50.00	50	50	1	05/30/02	05/30/02
1062	69	177.44	27	600	9	09/21/02	07/16/03
1065	OG-000-073.1	77.60	52	110	5	08/02/00	08/15/02
1066	3, WVOG-2	23.80	15	47	10	09/04/03	10/21/03

Table 3b. Water quality data for total aluminum

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	1, WVO-4	605.00	135	1700	10	09/04/03	10/21/03
1002	550639	2611.60	50	19000	65	01/10/90	06/06/95
1002	OG-000-002.8	1788.82	71	8900	11	11/29/99	08/08/02
1002	WA96-G01	827.50	50	2400	12	03/21/96	11/24/98
1003	2, WVO-4	353.60	81	1440	10	09/04/03	10/21/03
1008	OG-6m0.1	354.00	354	354	1	05/18/98	05/18/98
1012	OG-9-Am0.3	84.90	84.9	84.9	1	05/21/98	05/21/98
1017	OG-14-Dm0.4	237.00	237	237	1	05/12/98	05/12/98
1027	OG-27-Hm1.8	248.00	248	248	1	05/27/98	05/27/98
1029	OG-29m2.4	60.00	60	60	1	06/04/02	06/04/02
1032	OG-30m1.2	139.00	139	139	1	05/13/98	05/13/98
1033	OG-32-Em0.2	120.00	120	120	1	06/03/02	06/03/02
1033	OG-32-Fm	122.50	50	240	4	05/27/98	04/05/01
1033	OG-32-Fm0.2	70.00	70	70	1	05/30/02	05/30/02
1041	OG-34-E-1m0.8	116.00	116	116	1	05/11/98	05/11/98
1048	OG-42-Cm0.2	66.70	66.7	66.7	1	05/11/98	05/11/98
1062	69	489.00	30	2400	10	09/21/02	07/16/03
1062	OG-51-G.5m	440.00	440	440	1	05/13/98	05/13/98
1063	OG-51.5m	1560.00	1560	1560	1	05/13/98	05/13/98
1064	OG-000-070.0	239.00	239	239	1	05/20/98	05/20/98
1065	OG-000-073.1	534.80	46	2000	15	02/09/99	08/15/02
1065	WA96-G02	590.68	56.5	1570	11	05/31/96	11/24/98
1066	3, WVOG-2	1147.70	132	4480	10	09/04/03	10/21/03
1400	OG-48m	903.00	903	903	1	05/06/98	05/06/98
1600	OG-53m	4650.00	4650	4650	1	05/13/98	05/13/98
1700	OG-61m	821.00	821	821	1	05/13/98	05/13/98

Table 3c. Water quality data for dissolved iron

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	1, WVO-4	32.30	15	59	10	09/04/03	10/21/03
1000	OG-000.5-0002	28.00	28	28	1	03/22/00	03/22/00
1000	OG-000.5-0004	60.00	28	92	2	03/24/00	03/29/00
1000	OG-000.5-0005	20.00	20	20	1	03/29/00	03/29/00
1000	OG-000.5-0006	230.00	230	230	1	03/29/00	03/29/00
1002	OG-000-002.8	50.67	20	79	9	11/29/99	08/08/02
1003	2, WVO-4	27.80	15	86	10	09/04/03	10/21/03
1018	OG-17m0.8	120.00	120	120	1	06/04/02	06/04/02
1029	OG-29m2.4	20	20	20	1	04-Jun-02	04-Jun-02
1033	OG-32-Em0.2	40	40	40	1	03-Jun-02	03-Jun-02
1033	OG-32-Fm	20.33	20	21	3	10-Jul-00	05-Apr-01
1033	OG-32-Fm0.2	20	20	20	1	30-May-02	30-May-02
1062	69	370	60	1650	9	21-Sep-02	16-Jul-03
1065	OG-000-073.1	153.83	32	477	6	16-May-00	28-Nov-01
1066	3, WVOG-2	121.2	25	261	10	04-Sep-03	21-Oct-03

Table 3d. Water quality data for total iron

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	1, WVO-4	997.70	367	2760	10	09/04/03	10/21/03
1000	OG-000.5-0001	138.50	77	200	2	03/22/00	03/29/00
1000	OG-000.5-0002	570.00	570	570	1	03/22/00	03/22/00
1000	OG-000.5-0003	295.00	200	390	2	03/24/00	03/29/00
1000	OG-000.5-0004	1395.00	490	2300	2	03/24/00	03/29/00
1000	OG-000.5-0005	810.00	810	810	1	03/29/00	03/29/00
1000	OG-000.5-0006	3400.00	3400	3400	1	03/29/00	03/29/00
1000	OG-000.5-0007	1195.00	390	2000	2	03/24/00	03/29/00
1002	550639	2197.72	25	14000	65	01/10/90	06/06/95
1002	OG-000-002.8	2119.27	53	12000	15	02/09/99	08/08/02
1002	WA96-G01	1396.67	319	4000	12	03/21/96	11/24/98
1003	2, WVO-4	660.10	281	2320	10	09/04/03	10/21/03
1008	OG-6m0.1	1030.00	1030	1030	1	05/18/98	05/18/98
1012	OG-9-Am0.3	174.00	174	174	1	05/21/98	05/21/98
1017	OG-14-Dm0.4	527.00	527	527	1	05/12/98	05/12/98
1018	OG-17m0.8	1090.00	1090	1090	1	06/04/02	06/04/02
1027	OG-27-Hm1.8	540.00	540	540	1	05/27/98	05/27/98
1029	OG-29m2.4	110.00	110	110	1	06/04/02	06/04/02
1032	OG-30m1.2	260.00	260	260	1	05/13/98	05/13/98
1033	OG-32-Em0.2	170.00	170	170	1	06/03/02	06/03/02
1033	OG-32-Fm	81.25	20	140	4	05/27/98	04/05/01
1033	OG-32-Fm0.2	80.00	80	80	1	05/30/02	05/30/02
1041	OG-34-E-1m0.8	192.00	192	192	1	05/11/98	05/11/98
1048	OG-42-Cm0.2	252.00	252	252	1	05/11/98	05/11/98
1062	69	1271.00	260	5240	10	09/21/02	07/16/03
1062	OG-51-G.5m	957.00	957	957	1	05/13/98	05/13/98
1063	OG-51.5m	681.00	681	681	1	05/13/98	05/13/98
1064	OG-000-070.0	535.00	535	535	1	05/20/98	05/20/98
1065	OG-000-073.1	777.14	247	1960	14	02/09/99	08/15/02
1065	WA96-G02	923.00	250	3130	11	05/31/96	11/24/98
1066	3, WVOG-2	1806.50	804	3640	10	09/04/03	10/21/03
1400	OG-48m	920.00	920	920	1	05/06/98	05/06/98
1600	OG-53m	636.00	636	636	1	05/13/98	05/13/98
1700	OG-61m	1210.00	1210	1210	1	05/13/98	05/13/98

Table 3e. Water quality data for dissolved manganese

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	OG-000.5-0001	55.00	55	55.0	1	03/29/00	03/29/00
1000	OG-000.5-0002	130.00	130	130.0	1	03/22/00	03/22/00
1000	OG-000.5-0004	1720.00	240	3200.0	2	03/24/00	03/29/00
1000	OG-000.5-0005	22.00	22	22.0	1	03/29/00	03/29/00
1000	OG-000.5-0006	640.00	640	640.0	1	03/29/00	03/29/00
1000	OG-000.5-0007	1925.00	350	3500.0	2	03/24/00	03/29/00
1002	OG-000-002.8	28.00	28	28.0	1	11/29/99	11/29/99
1062	69	119.00	60	180.0	10	09/21/02	07/16/03

Table 3f. Water quality data for total manganese

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	OG-000.5-0001	41.5	24.00	59.0	2.0	3/22/2000	3/29/2000
1000	OG-000.5-0002	150.0	150.00	150.0	1.0	3/22/2000	3/22/2000
1000	OG-000.5-0004	1775.0	250.00	3300.0	2.0	3/24/2000	3/29/2000
1000	OG-000.5-0005	51.0	51.00	51.0	1.0	3/29/2000	3/29/2000
1000	OG-000.5-0006	650.0	650.00	650.0	1.0	3/29/2000	3/29/2000
1000	OG-000.5-0007	1930.0	360.00	3500.0	2.0	3/24/2000	3/29/2000
1002	550639	117.0	5.00	750.0	65.0	1/10/1990	6/6/1995
1002	OG-000-002.8	815.8	45.00	10600.0	15.0	2/9/1999	8/8/2002
1002	WA96-G01	118.6	38.00	286.0	12.0	3/21/1996	11/24/1998
1008	OG-6m0.1	531.0	531.00	531.0	1.0	5/18/1998	5/18/1998
1012	OG-9-Am0.3	51.2	51.20	51.2	1.0	5/21/1998	5/21/1998
1017	OG-14-Dm0.4	191.0	191.00	191.0	1.0	5/12/1998	5/12/1998
1018	OG-17m0.8	330.0	330.00	330.0	1.0	6/4/2002	6/4/2002
1027	OG-27-Hm1.8	34.3	34.30	34.3	1.0	5/27/1998	5/27/1998
1029	OG-29m2.4	20.0	20.00	20.0	1.0	6/4/2002	6/4/2002
1032	OG-30m1.2	26.8	26.80	26.8	1.0	5/13/1998	5/13/1998
1033	OG-32-Em0.2	20.0	20.00	20.0	1.0	6/3/2002	6/3/2002
1033	OG-32-Fm	17.5	10.00	20.0	4.0	5/27/1998	4/5/2001
1033	OG-32-Fm0.2	20.0	20.00	20.0	1.0	5/30/2002	5/30/2002
1041	OG-34-E-1m0.8	10.0	10.00	10.0	1.0	5/11/1998	5/11/1998
1048	OG-42-Cm0.2	49.3	49.30	49.3	1.0	5/11/1998	5/11/1998
1062	69	194.0	80.00	440.0	10.0	9/21/2002	7/16/2003
1062	OG-51-G.5m	258.0	258.00	258.0	1.0	5/13/1998	5/13/1998
1063	OG-51.5m	611.0	611.00	611.0	1.0	5/13/1998	5/13/1998
1064	OG-000-070.0	79.2	79.20	79.2	1.0	5/20/1998	5/20/1998
1065	OG-000-073.1	979.6	39.00	11600.0	15.0	2/9/1999	8/15/2002
1065	WA96-G02	90.2	54.70	152.0	11.0	5/31/1996	11/24/1998
1400	OG-48m	174.0	174.00	174.0	1.0	5/6/1998	5/6/1998
1600	OG-53m	726.0	726.00	726.0	1.0	5/13/1998	5/13/1998
1700	OG-61m	375.0	375.00	375.0	1.0	5/13/1998	5/13/1998

Table 3g. Water quality data for total selenium

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	1, WVO-4	2.8	1.0	3.0	10.0	9/4/2003	10/21/2003
1003	2, WVO-4	2.8	1.0	3.0	10.0	9/4/2003	10/21/2003
1018	OG-17m0.8	5.0	5.0	5.0	1.0	6/4/2002	6/4/2002
1029	OG-29m2.4	5.0	5.0	5.0	1.0	6/4/2002	6/4/2002
1033	OG-32-Em0.2	5.0	5.0	5.0	1.0	6/3/2002	6/3/2002
1033	OG-32-Fm0.2	5.0	5.0	5.0	1.0	5/30/2002	5/30/2002
1066	3, WVOG-2	2.8	1.0	3.0	10.0	9/4/2003	10/21/2003

Table 3h. Water quality data for pH

SWS	WQ Station	Avg (ug/L)	Min (ug/L)	Max (ug/L)	Count	Start Date	End Date
1000	OG-000.5-0001	8.1	7.2	8.6	3.0	3/22/2000	5/24/2000
1000	OG-000.5-0002	8.2	8.2	8.2	1.0	3/22/2000	3/22/2000
1000	OG-000.5-0003	8.5	8.4	8.6	2.0	3/24/2000	3/29/2000
1000	OG-000.5-0004	8.0	8.0	8.0	2.0	3/24/2000	3/29/2000
1000	OG-000.5-0005	8.3	8.3	8.3	1.0	3/29/2000	3/29/2000
1000	OG-000.5-0006	7.7	7.7	7.7	1.0	3/29/2000	3/29/2000
1000	OG-000.5-0007	8.1	8.1	8.1	1.0	3/29/2000	3/29/2000
1002	550639	7.3	6.6	8.0	64.0	1/10/1990	6/6/1995
1002	OG-000-002.8	7.3	6.6	7.9	12.0	2/9/1999	8/8/2002
1002	WA96-G01	7.5	7.1	8.2	8.0	3/21/1996	11/24/1998
1004	OG-3-0.5Am	8.3	8.3	8.3	1.0	5/18/1998	5/18/1998
1004	OG-3m	8.3	8.3	8.3	1.0	5/18/1998	5/18/1998
1008	OG-6m0.1	7.8	7.8	7.8	1.0	5/18/1998	5/18/1998
1012	OG-9-Am0.3	7.8	7.8	7.8	1.0	5/21/1998	5/21/1998
1014	OG-10-Am	8.7	8.7	8.7	1.0	5/21/1998	5/21/1998
1014	OG-10m	8.7	8.7	8.7	1.0	5/21/1998	5/21/1998
1015	OG-11m	8.5	8.5	8.5	1.0	5/12/1998	5/12/1998
1017	OG-14-Dm0.4	8.5	8.5	8.5	1.0	5/12/1998	5/12/1998
1018	OG-17m0.8	4.6	4.6	4.6	1.0	6/4/2002	6/4/2002
1024	OG-23.5m	8.3	8.3	8.3	1.0	5/22/1998	5/22/1998
1027	OG-27-Am	8.3	8.3	8.3	1.0	5/22/1998	5/22/1998
1027	OG-27-Hm1.8	8.3	8.3	8.3	1.0	5/27/1998	5/27/1998
1027	OG-27m	8.3	8.3	8.3	1.0	5/22/1998	5/22/1998
1029	OG-29-Cm	8.3	8.3	8.3	1.0	5/13/1998	5/13/1998
1029	OG-29m2.4	4.0	4.0	4.0	1.0	6/4/2002	6/4/2002
1032	OG-30m1.2	8.2	8.2	8.2	1.0	5/13/1998	5/13/1998
1033	OG-32-Em0.2	3.7	3.7	3.7	1.0	6/3/2002	6/3/2002
1033	OG-32-Fm	6.0	5.0	8.2	4.0	5/27/1998	4/5/2001
1037	OG-34-Am	8.2	8.2	8.2	1.0	5/6/1998	5/6/1998
1037	OG-34m	8.2	8.2	8.2	1.0	5/6/1998	5/6/1998
1038	OG-34-Bm	8.2	8.2	8.2	1.0	5/6/1998	5/6/1998
1041	OG-34-E-1m	8.2	8.2	8.2	1.0	5/6/1998	5/6/1998
1041	OG-34-E-1m0.8	8.2	8.2	8.2	1.0	5/11/1998	5/11/1998
1043	WVOG-35	8.2	8.2	8.2	1.0	5/11/1998	5/11/1998
1044	OG-36m	8.1	8.0	8.2	2.0	5/4/1998	5/11/1998
1044	OG-37m	8.1	8.1	8.1	1.0	5/11/1998	5/11/1998
1047	OG-40m	8.1	8.1	8.1	1.0	5/11/1998	5/11/1998
1047	OG-41m	8.1	8.1	8.1	1.0	5/11/1998	5/11/1998
1048	OG-42-Am	8.1	8.1	8.1	1.0	5/11/1998	5/11/1998
1048	OG-42-Cm0.2	8.1	8.1	8.1	1.0	5/11/1998	5/11/1998
1048	OG-42-Dm	8.1	8.1	8.1	1.0	5/11/1998	5/11/1998
1048	OG-42-Em	8.1	8.1	8.1	1.0	5/11/1998	5/11/1998
1059	OG-50m	7.8	7.8	7.8	1.0	5/6/1998	5/6/1998
1062	69	7.5	7.2	7.9	10.0	9/21/2002	7/16/2003
1062	OG-51-Bm	7.8	7.8	7.8	1.0	5/6/1998	5/6/1998
1062	OG-51-G.5m	7.8	7.8	7.8	1.0	5/13/1998	5/13/1998
1063	OG-51.5m	7.8	7.8	7.8	1.0	5/13/1998	5/13/1998
1064	OG-000-070.0	7.6	7.6	7.6	1.0	5/20/1998	5/20/1998
1065	OG-000-073.1	7.5	7.1	8.0	12.0	2/9/1999	8/15/2002
1065	WA96-G02	7.6	7.2	7.9	9.0	8/30/1996	11/24/1998
1066	OG-59m	7.8	7.8	7.8	1.0	5/13/1998	5/13/1998
1067	OG-60m	7.8	7.8	7.8	1.0	5/13/1998	5/13/1998
1400	OG-48m	8.0	8.0	8.0	1.0	5/6/1998	5/6/1998
1600	OG-53m	7.8	7.8	7.8	1.0	5/13/1998	5/13/1998
1700	OG-61m	7.8	7.8	7.8	1.0	5/13/1998	5/13/1998

Table 3i. Water quality data for fecal coliforms

SWS	WQ Station	Avg (#/100 mL)	Min (#/100 mL)	Max (#/100 mL)	Count	Start Date	End Date
1000	OG-000.5-0001	773.0	91.0	1455.0	2.0	3/22/2000	3/29/2000
1000	OG-000.5-0002	12000.0	12000.0	12000.0	1.0	3/22/2000	3/22/2000
1000	OG-000.5-0004	15.0	10.0	20.0	2.0	3/24/2000	3/29/2000
1000	OG-000.5-0005	91.0	91.0	91.0	1.0	3/29/2000	3/29/2000
1000	OG-000.5-0007	90.0	90.0	90.0	1.0	3/29/2000	3/29/2000
1002	OG-000-002.8	1125.6	6.0	2400.0	12.0	5/26/1999	8/8/2002
1065	OG-000-073.1	2553.8	4.0	22000.0	12.0	5/26/1999	8/15/2002
1004	OG-3-0.5Am	210.0	210.0	210.0	1.0	5/18/1998	5/18/1998
1004	OG-3m	330.0	330.0	330.0	1.0	5/18/1998	5/18/1998
1008	OG-6m0.1	1900.0	1900.0	1900.0	1.0	5/18/1998	5/18/1998
1012	OG-9-Am0.3	3300.0	3300.0	3300.0	1.0	5/21/1998	5/21/1998
1014	OG-10-Am	900.0	900.0	900.0	1.0	5/21/1998	5/21/1998
1014	OG-10m	3000.0	3000.0	3000.0	1.0	5/21/1998	5/21/1998
1015	OG-11m	2000.0	2000.0	2000.0	1.0	5/12/1998	5/12/1998
1017	OG-14-Dm0.4	6400.0	6400.0	6400.0	1.0	5/12/1998	5/12/1998
1018	OG-17m0.8	6.0	6.0	6.0	1.0	6/4/2002	6/4/2002
1024	OG-23.5m	5000.0	5000.0	5000.0	1.0	5/22/1998	5/22/1998
1027	OG-27-Am	740.0	740.0	740.0	1.0	5/22/1998	5/22/1998
1027	OG-27-Hm1.8	420.0	420.0	420.0	1.0	5/27/1998	5/27/1998
1027	OG-27m	70.0	70.0	70.0	1.0	5/22/1998	5/22/1998
1029	OG-29-Cm	30.0	30.0	30.0	1.0	5/13/1998	5/13/1998
1029	OG-29m2.4	2.0	2.0	2.0	1.0	6/4/2002	6/4/2002
1032	OG-30m1.2	3300.0	3300.0	3300.0	1.0	5/13/1998	5/13/1998
1033	OG-32-Em0.2	2.0	2.0	2.0	1.0	6/3/2002	6/3/2002
1033	OG-32-Fm	32.0	32.0	32.0	1.0	5/27/1998	5/27/1998
1033	OG-32-Fm0.2	2.0	2.0	2.0	1.0	5/30/2002	5/30/2002
1037	OG-34-Am	1300.0	1300.0	1300.0	1.0	5/6/1998	5/6/1998
1037	OG-34m	2000.0	2000.0	2000.0	1.0	5/6/1998	5/6/1998
1038	OG-34-Bm	2200.0	2200.0	2200.0	1.0	5/6/1998	5/6/1998
1041	OG-34-E-1m	6000.0	6000.0	6000.0	1.0	5/6/1998	5/6/1998
1041	OG-34-E-1m0.8	6.0	6.0	6.0	1.0	5/11/1998	5/11/1998
1043	WVOG-35	5600.0	5600.0	5600.0	1.0	5/11/1998	5/11/1998
1044	OG-36m	810.0	420.0	1200.0	2.0	5/4/1998	5/11/1998
1044	OG-37m	28.0	28.0	28.0	1.0	5/11/1998	5/11/1998
1047	OG-40m	380.0	380.0	380.0	1.0	5/11/1998	5/11/1998
1047	OG-41m	4200.0	4200.0	4200.0	1.0	5/11/1998	5/11/1998
1048	OG-42-Am	20000.0	20000.0	20000.0	1.0	5/11/1998	5/11/1998
1048	OG-42-Cm0.2	6400.0	6400.0	6400.0	1.0	5/11/1998	5/11/1998
1048	OG-42-Dm	3200.0	3200.0	3200.0	1.0	5/11/1998	5/11/1998
1048	OG-42-Em	230.0	230.0	230.0	1.0	5/11/1998	5/11/1998
1059	OG-50m	52.0	52.0	52.0	1.0	5/6/1998	5/6/1998
1062	OG-51-Bm	4200.0	4200.0	4200.0	1.0	5/6/1998	5/6/1998
1062	OG-51-G.5m	150.0	150.0	150.0	1.0	5/13/1998	5/13/1998
1063	OG-51.5m	2000.0	2000.0	2000.0	1.0	5/13/1998	5/13/1998
1066	OG-59m	3800.0	3800.0	3800.0	1.0	5/13/1998	5/13/1998
1067	OG-60m	240.0	240.0	240.0	1.0	5/13/1998	5/13/1998
1400	OG-48m	44.0	44.0	44.0	1.0	5/6/1998	5/6/1998
1600	OG-53m	20.0	20.0	20.0	1.0	5/13/1998	5/13/1998
1700	OG-61m	150.0	150.0	150.0	1.0	5/13/1998	5/13/1998
1002	550639	3110.7	20.0	25000.0	63.0	1/10/1990	6/6/1995
1002	WA96-G01	6054.5	320.0	22000.0	11.0	3/21/1996	11/24/1998
1065	WA96-G02	4055.6	12.0	16000.0	11.0	5/31/1996	11/24/1998

Table 4a. Iron baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1071	WV1010689	36	36	3.20	0
1072	WV0049603	459	459	3.20	0
1072	WV0093211	187	187	3.20	0
1072	WV1010689	88	88	3.20	0
1072	WV1015753	1,384	1,384	3.20	0
1072	WV1016938	918	918	3.20	0
1072	WV1020102	468	468	3.20	0
1073	WV0047074	199	199	3.20	0
1073	WV0096369	416	416	3.20	0
1073	WV1004956	1,195	1,195	3.20	0
1073	WV1010689	1,816	1,816	3.20	0
1073	WV1013424	201	201	3.20	0
1073	WV1015567	1,545	1,545	3.20	0
1073	WV1016938	12,352	12,352	3.20	0
1074	WV1001230	980	980	3.20	0
1074	WV1001931	607	607	3.20	0
1074	WV1002775	67	67	3.20	0
1074	WV1003836	89	89	3.20	0
1074	WV1004573	38	38	3.20	0
1075	WV0036579	83	83	3.20	0
1075	WV0047074	171	171	3.20	0
1075	WV0053163	60	60	3.20	0
1075	WV0053210	948	948	3.20	0
1075	WV0066346	2,204	2,204	3.20	0
1075	WV0093211	4,089	4,089	3.20	0
1075	WV0099520	4,477	4,477	3.20	0
1075	WV1008331	3,729	3,729	3.20	0
1075	WV1013319	240	240	3.20	0
1075	WV1013424	103	103	3.20	0
1075	WV1013599	22,238	22,238	3.20	0
1075	WV1015559	10,482	10,482	3.20	0
1075	WV1015737	16,790	16,790	3.20	0
1075	WV1015753	10,343	10,343	3.20	0
1075	WV1016849	5,097	5,097	3.20	0
1075	WV1016938	2,939	2,939	3.20	0
1075	WV1017209	616	616	3.20	0
1075	WV1020111	799	799	3.20	0
1076	WV1005359	201	201	3.20	0
1076	WV1015559	8,609	8,609	3.20	0
1077	WV1004611	185	185	3.20	0
1077	WV1020366	2,467	2,467	3.20	0
1078	WV0066702	675	675	3.20	0
1078	WV1004867	87	87	3.20	0
1078	WV1004948	166	166	3.20	0
1078	WV1016851	299	299	3.20	0
1078	WV1017004	7,427	7,427	3.20	0
1078	WV1020277	98	98	3.20	0
1078	WV1020340	65	65	3.20	0
1078	WV1020366	399	399	3.20	0
1079	WV0096172	161	161	3.20	0
1079	WV1004093	160	160	3.20	0
1079	WV1005057	414	414	3.20	0
1079	WV1015559	7,078	7,078	3.20	0
1079	WV1016849	4,302	4,302	3.20	0
1082	WV1005243	62	62	3.20	0
1083	WV0000418	226	226	3.20	0
1085	WV0064840	2,496	2,496	3.20	0
1085	WV1003895	128	128	3.20	0
1085	WV1004671	311	311	3.20	0

Table 4a. (Continued) Iron baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1085	WV1004751	108	108	3.20	0
1085	WV1004905	167	167	3.20	0
1085	WV1011031	132	132	3.20	0
1085	WV1013327	137	137	3.20	0
1085	WV1017039	218	218	3.20	0
1085	WV1017136	99	99	3.20	0
1088	WV0000418	117	117	3.20	0
1088	WV0029726	1,141	1,141	3.20	0
1088	WV0052515	2,473	2,473	3.20	0
1088	WV0069396	763	763	3.20	0
1088	WV0092860	1,384	1,384	3.20	0
1088	WV0099643	2,724	2,724	3.20	0
1088	WV1005006	3,602	3,602	3.20	0
1088	WV1007980	89	89	3.20	0
1089	WV0069396	407	407	3.20	0
1089	WV0099929	1,606	1,606	3.20	0
1089	WV1004760	221	221	3.20	0
1089	WV1007980	57	57	3.20	0
1089	WV1013220	2,617	2,617	3.20	0
1089	WV1017195	152	152	3.20	0
1090	WV0069396	430	430	3.20	0
1090	WV1004760	78	78	3.20	0
1090	WV1020196	1,433	1,433	3.20	0
1091	WV0096253	313	313	3.20	0
1091	WV1004361	27	27	3.20	0
1091	WV1004760	1,809	1,809	3.20	0
1091	WV1004948	480	480	3.20	0
1091	WV1008099	858	858	3.20	0
1091	WV1013343	3,094	3,094	3.20	0
1091	WV1016806	156	156	3.20	0
1091	WV1016881	490	490	3.20	0
1091	WV1018914	1,499	1,499	3.20	0
1091	WV1020196	2,128	2,128	3.20	0
1092	WV0099929	2,516	2,264	3.20	10
1092	WV1004760	177	160	3.20	10
1092	WV1018914	519	467	3.20	10
1092	WV1020196	7,963	7,166	3.20	10
1093	WV1013220	1,474	1,474	3.20	0
1094	WV1005006	429	429	3.20	0
1095	WVG015033	143	143	3.20	0
1096	WV1016539	1,241	1,241	3.20	0
1096	WVG015033	162	162	3.20	0
1097	WV1016539	370	370	3.20	0
1098	WV1016539	5,552	5,552	3.20	0
1106	WV1006592	235	235	3.20	0
1107	WV1006584	983	983	3.20	0
1107	WV1006592	236	236	3.20	0
1107	WV1008641	143	143	3.20	0
1107	WV1008706	135	135	3.20	0
1108	WV1006592	844	844	3.20	0
1110	WV0061336	870	870	3.20	0
1110	WV1006592	117	117	3.20	0
1110	WV1008749	79	79	3.20	0
1110	WV1018493	826	826	3.20	0
1111	WV0061336	1,339	1,339	3.20	0
1114	WV0092401	407	407	3.20	0

Table 4a. (Continued) Iron baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1114	WV1016407	40	40	3.20	0
1117	WV0044024	110	110	3.20	0
1117	WV0090042	160	160	3.20	0
1117	WV1016229	75	75	3.20	0
1117	WV1016237	31	31	3.20	0
1117	WV1016342	61	61	3.20	0
1117	WV1016385	112	112	3.20	0
1117	WV1016407	82	82	3.20	0
1118	WV0044024	119	119	3.20	0
1118	WV0053121	1,280	1,280	3.20	0
1118	WV1018523	49	49	3.20	0
1119	WV0050521	836	836	3.20	0
1119	WV0053121	798	798	3.20	0
1119	WV1018523	46	46	3.20	0
1120	WV0044024	115	115	3.20	0
1120	WV0053121	1,239	1,239	3.20	0
1121	WV0049671	46	46	3.20	0
1121	WV0050521	1,606	1,606	3.20	0
1121	WV0053121	383	383	3.20	0
1122	WV0049671	22	22	3.20	0
1122	WV0093530	128	128	3.20	0
2100	WV0000418	676	676	3.20	0
2100	WV1004247	68	68	3.20	0
2100	WV1016032	316	316	3.20	0
2100	WV1017004	1,865	1,865	3.20	0
2101	WV1004247	48	48	3.20	0
2102	WV0000418	861	861	3.20	0
2102	WV1004361	49	49	3.20	0
2102	WV1004948	61	61	3.20	0
2102	WV1008102	130	130	3.20	0
2301	WV1016539	740	740	3.20	0
2302	WV1006681	153	153	3.20	0
2302	WV1016539	2,722	2,722	3.20	0
2305	WV1006681	144	144	3.20	0
2305	WV1016539	3,916	3,916	3.20	0
2306	WV0062961	79	79	3.20	0
2306	WV1016539	374	374	3.20	0
2308	WV1006037	2,652	2,652	3.20	0
2400	WV0062961	78	78	3.20	0
2400	WV1016539	4,052	4,052	3.20	0
2900	WV1018523	44	44	3.20	0
2903	WV1016466	169	169	3.20	0
2906	WV0044024	106	106	3.20	0
2906	WV1016342	20	20	3.20	0
3000	WV0050521	413	413	3.20	0
3000	WV0053121	395	395	3.20	0
3100	WV0050521	425	425	3.20	0
3100	WV0053121	1,216	1,216	3.20	0
3200	WV0049671	137	137	3.20	0
3200	WV1005596	57	57	3.20	0
3200	WV1016181	162	162	3.20	0
3200	WV1016199	70	70	3.20	0
3200	WV1016466	161	161	3.20	0
3200	WV1018566	86	86	3.20	0
3200	WV1018612	100	100	3.20	0
3200	WV1018621	313	313	3.20	0
3200	WV1018981	74	74	3.20	0
1069*	WV0115509	706.69	706.69	4.00	0
1082*	WVG640090	2,749.99	2,749.99	3.70	0
1088*	WVG640023	90.16	90.16	3.70	0

* Denotes actual Office of Water Resources Permit

Table 4b. Manganese baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1071	WV1010689	19	19	2.00	0
1072	WV0049603	197	197	2.00	0
1072	WV0093211	80	80	2.00	0
1072	WV1010689	38	38	2.00	0
1072	WV1015753	595	595	2.00	0
1072	WV1016938	394	394	2.00	0
1072	WV1020102	201	201	2.00	0
1073	WV0047074	82	82	2.00	0
1073	WV0096369	173	173	2.00	0
1073	WV1004956	496	496	2.00	0
1073	WV1010689	754	754	2.00	0
1073	WV1013424	83	83	2.00	0
1073	WV1015567	641	641	2.00	0
1073	WV1016938	5,126	5,126	2.00	0
1074	WV1001230	491	491	2.00	0
1074	WV1001931	304	304	2.00	0
1074	WV1002775	34	34	2.00	0
1074	WV1003836	45	45	2.00	0
1074	WV1004573	19	19	2.00	0
1075	WV0036579	34	34	2.00	0
1075	WV0047074	69	69	2.00	0
1075	WV0053163	24	24	2.00	0
1075	WV0053210	382	382	2.00	0
1075	WV0066346	887	887	2.00	0
1075	WV0093211	1,646	1,646	2.00	0
1075	WV0099520	1,802	1,802	2.00	0
1075	WV1008331	1,501	1,501	2.00	0
1075	WV1013319	97	97	2.00	0
1075	WV1013424	42	42	2.00	0
1075	WV1013599	8,952	8,952	2.00	0
1075	WV1015559	4,219	4,219	2.00	0
1075	WV1015737	6,759	6,759	2.00	0
1075	WV1015753	4,164	4,164	2.00	0
1075	WV1016849	2,052	2,052	2.00	0
1075	WV1016938	1,183	1,183	2.00	0
1075	WV1017209	248	248	2.00	0
1075	WV1020111	322	322	2.00	0
1076	WV1005359	74	74	2.00	0
1076	WV1015559	3,165	3,165	2.00	0
1077	WV1004611	74	74	2.00	0
1077	WV1020366	981	981	2.00	0
1078	WV0066702	277	277	2.00	0
1078	WV1004867	36	36	2.00	0
1078	WV1004948	68	68	2.00	0
1078	WV1016851	123	123	2.00	0
1078	WV1017004	3,045	3,045	2.00	0
1078	WV1020277	40	40	2.00	0
1078	WV1020340	27	27	2.00	0
1078	WV1020366	163	163	2.00	0
1079	WV0096172	64	64	2.00	0
1079	WV1004093	64	64	2.00	0
1079	WV1005057	164	164	2.00	0
1079	WV1015559	2,813	2,813	2.00	0
1079	WV1016849	1,710	1,710	2.00	0
1082	WV1005243	30	30	2.00	0
1083	WV0000418	110	110	2.00	0
1085	WV0064840	1,303	1,303	2.00	0
1085	WV1003895	67	67	2.00	0
1085	WV1004671	162	162	2.00	0
1085	WV1004751	56	56	2.00	0
1085	WV1004905	87	87	2.00	0
1085	WV1011031	69	69	2.00	0

Table 4b. (Continued) Manganese baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1085	WV1013327	71	71	2.00	0
1085	WV1017039	114	114	2.00	0
1085	WV1017136	52	52	2.00	0
1088	WV0000418	55	55	2.00	0
1088	WV0029726	536	536	2.00	0
1088	WV0052515	1,162	1,162	2.00	0
1088	WV0069396	359	359	2.00	0
1088	WV0092860	650	650	2.00	0
1088	WV0099643	1,280	1,280	2.00	0
1088	WV1005006	1,692	1,692	2.00	0
1088	WV1007980	42	42	2.00	0
1089	WV0069396	179	179	2.00	0
1089	WV0099929	708	708	2.00	0
1089	WV1004760	97	97	2.00	0
1089	WV1007980	25	25	2.00	0
1089	WV1013220	1,153	1,153	2.00	0
1089	WV1017195	67	67	2.00	0
1090	WV0069396	179	179	2.00	0
1090	WV1004760	32	32	2.00	0
1090	WV1020196	597	597	2.00	0
1091	WV0096253	143	143	2.00	0
1091	WV1004361	12	12	2.00	0
1091	WV1004760	825	825	2.00	0
1091	WV1004948	219	219	2.00	0
1091	WV1008099	391	391	2.00	0
1091	WV1013343	1,411	1,411	2.00	0
1091	WV1016806	71	71	2.00	0
1091	WV1016881	223	223	2.00	0
1091	WV1018914	684	684	2.00	0
1091	WV1020196	971	971	2.00	0
1092	WV0099929	1,169	1,169	2.00	0
1092	WV1004760	82	82	2.00	0
1092	WV1018914	241	241	2.00	0
1092	WV1020196	3,701	3,701	2.00	0
1093	WV1013220	717	717	2.00	0
1094	WV1005006	211	211	2.00	0
1095	WVG015033	82	82	2.00	0
1096	WV1016539	472	472	2.00	0
1096	WVG015033	62	62	2.00	0
1097	WV1016539	135	135	2.00	0
1098	WV1016539	2,024	2,024	2.00	0
1106	WV1006592	127	127	2.00	0
1107	WV1006584	529	529	2.00	0
1107	WV1006592	127	127	2.00	0
1107	WV1008641	77	77	2.00	0
1107	WV1008706	72	72	2.00	0
1108	WV1006592	444	444	2.00	0
1110	WV0061336	469	469	2.00	0
1110	WV1006592	63	63	2.00	0
1110	WV1008749	43	43	2.00	0
1110	WV1018493	446	446	2.00	0
1111	WV0061336	704	704	2.00	0
1114	WV0092401	217	217	2.00	0
1114	WV1016407	21	21	2.00	0
1117	WV0044024	63	63	2.00	0
1117	WV0090042	93	93	2.00	0
1117	WV1016229	43	43	2.00	0
1117	WV1016237	18	18	2.00	0
1117	WV1016342	35	35	2.00	0
1117	WV1016385	65	65	2.00	0
1117	WV1016407	47	47	2.00	0
1118	WV0044024	63	63	2.00	0
1118	WV0053121	683	683	2.00	0

Table 4b. (Continued) Manganese baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1118	WV1018523	26	26	2.00	0
1119	WV0050521	462	462	2.00	0
1119	WV0053121	441	441	2.00	0
1119	WV1018523	25	25	2.00	0
1120	WV0044024	61	61	2.00	0
1120	WV0053121	661	661	2.00	0
1121	WV0049671	26	26	2.00	0
1121	WV0050521	924	924	2.00	0
1121	WV0053121	220	220	2.00	0
1122	WV0049671	13	13	2.00	0
1122	WV0093530	76	76	2.00	0
2100	WV0000418	276	276	2.00	0
2100	WV1004247	28	28	2.00	0
2100	WV1016032	129	129	2.00	0
2100	WV1017004	761	761	2.00	0
2101	WV1004247	28	28	2.00	0
2102	WV0000418	442	442	2.00	0
2102	WV1004361	25	25	2.00	0
2102	WV1004948	31	31	2.00	0
2102	WV1008102	67	67	2.00	0
2301	WV1016539	270	270	2.00	0
2302	WV1006681	57	57	2.00	0
2302	WV1016539	1,012	1,012	2.00	0
2305	WV1006681	57	57	2.00	0
2305	WV1016539	1,552	1,552	2.00	0
2306	WV0062961	36	36	2.00	0
2306	WV1016539	171	171	2.00	0
2308	WV1006037	1,432	1,432	2.00	0
2400	WV0062961	28	28	2.00	0
2400	WV1016539	1,484	1,484	2.00	0
2900	WV1018523	26	26	2.00	0
2903	WV1016466	101	101	2.00	0
2906	WV0044024	63	63	2.00	0
2906	WV1016342	12	12	2.00	0
3000	WV0050521	231	231	2.00	0
3000	WV0053121	220	220	2.00	0
3100	WV0050521	231	231	2.00	0
3100	WV0053121	661	661	2.00	0
3200	WV0049671	82	82	2.00	0
3200	WV1005596	34	34	2.00	0
3200	WV1016181	96	96	2.00	0
3200	WV1016199	42	42	2.00	0
3200	WV1016466	96	96	2.00	0
3200	WV1018566	51	51	2.00	0
3200	WV1018612	60	60	2.00	0
3200	WV1018621	186	186	2.00	0
3200	WV1018981	44	44	2.00	0

Table 4c. Aluminum baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1071	WV1010689	36	36	3.27	0
1072	WV0049603	459	459	3.27	0
1072	WV0093211	187	187	3.27	0
1072	WV1010689	88	88	3.27	0
1072	WV1015753	1,384	1,384	3.27	0
1072	WV1016938	918	918	3.27	0
1072	WV1020102	468	468	3.27	0
1073	WV0047074	199	199	3.27	0
1073	WV0096369	416	416	3.27	0
1073	WV1004956	1,195	1,195	3.27	0
1073	WV1010689	1,816	1,816	3.27	0
1073	WV1013424	201	201	3.27	0
1073	WV1015567	1,545	1,545	3.27	0
1073	WV1016938	12,352	12,352	3.27	0
1074	WV1001230	980	980	3.27	0
1074	WV1001931	607	607	3.27	0
1074	WV1002775	67	67	3.27	0
1074	WV1003836	89	89	3.27	0
1074	WV1004573	38	38	3.27	0
1075	WV0036579	83	83	3.27	0
1075	WV0047074	171	171	3.27	0
1075	WV0053163	60	60	3.27	0
1075	WV0053210	948	948	3.27	0
1075	WV0066346	2,204	2,204	3.27	0
1075	WV0093211	4,089	4,089	3.27	0
1075	WV0099520	4,477	4,477	3.27	0
1075	WV1008331	3,729	3,729	3.27	0
1075	WV1013319	240	240	3.27	0
1075	WV1013424	103	103	3.27	0
1075	WV1013599	22,238	22,238	3.27	0
1075	WV1015559	10,482	10,482	3.27	0
1075	WV1015737	16,790	16,790	3.27	0
1075	WV1015753	10,343	10,343	3.27	0
1075	WV1016849	5,097	5,097	3.27	0
1075	WV1016938	2,939	2,939	3.27	0
1075	WV1017209	616	616	3.27	0
1075	WV1020111	799	799	3.27	0
1076	WV1005359	201	201	3.27	0
1076	WV1015559	8,609	8,609	3.27	0
1077	WV1004611	185	185	3.27	0
1077	WV1020366	2,467	2,467	3.27	0
1078	WV0066702	675	675	3.27	0
1078	WV1004867	87	87	3.27	0
1078	WV1004948	166	166	3.27	0
1078	WV1016851	299	299	3.27	0
1078	WV1017004	7,427	7,427	3.27	0
1078	WV1020277	98	98	3.27	0
1078	WV1020340	65	65	3.27	0
1078	WV1020366	399	399	3.27	0
1079	WV0096172	161	161	3.27	0
1079	WV1004093	160	160	3.27	0
1079	WV1005057	414	414	3.27	0
1079	WV1015559	7,078	7,078	3.27	0
1079	WV1016849	4,302	4,302	3.27	0
1082	WV1005243	62	62	3.27	0
1083	WV0000418	226	226	3.27	0
1085	WV0064840	2,496	2,496	3.27	0
1085	WV1003895	128	128	3.27	0
1085	WV1004671	311	311	3.27	0
1085	WV1004751	108	108	3.27	0
1085	WV1004905	167	167	3.27	0
1085	WV1011031	132	132	3.27	0
1085	WV1013327	137	137	3.27	0
1085	WV1017039	218	218	3.27	0

Table 4c. (Continued) Aluminum baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1085	WV1017136	99	99	3.27	0
1088	WV0000418	117	117	3.27	0
1088	WV0029726	1,141	1,141	3.27	0
1088	WV0052515	2,473	2,473	3.27	0
1088	WV0069396	763	763	3.27	0
1088	WV0092860	1,384	1,384	3.27	0
1088	WV0099643	2,724	2,724	3.27	0
1088	WV1005006	3,602	3,602	3.27	0
1088	WV1007980	89	89	3.27	0
1089	WV0069396	407	407	3.27	0
1089	WV0099929	1,606	1,606	3.27	0
1089	WV1004760	221	221	3.27	0
1089	WV1007980	57	57	3.27	0
1089	WV1013220	2,617	2,617	3.27	0
1089	WV1017195	152	152	3.27	0
1090	WV0069396	430	430	3.27	0
1090	WV1004760	78	78	3.27	0
1090	WV1020196	1,433	1,433	3.27	0
1091	WV0096253	313	313	3.27	0
1091	WV1004361	27	27	3.27	0
1091	WV1004760	1,809	1,809	3.27	0
1091	WV1004948	480	480	3.27	0
1091	WV1008099	858	858	3.27	0
1091	WV1013343	3,094	3,094	3.27	0
1091	WV1016806	156	156	3.27	0
1091	WV1016881	490	490	3.27	0
1091	WV1018914	1,499	1,499	3.27	0
1091	WV1020196	2,128	2,128	3.27	0
1092	WV0099929	2,516	2,264	2.94	10
1092	WV1004760	177	160	2.94	10
1092	WV1018914	519	467	2.94	10
1092	WV1020196	7,963	7,166	2.94	10
1093	WV1013220	1,474	1,474	3.27	0
1094	WV1005006	429	429	3.27	0
1095	WVG015033	143	143	3.27	0
1096	WV1016539	1,241	1,241	3.27	0
1096	WVG015033	162	162	3.27	0
1097	WV1016539	370	370	3.27	0
1098	WV1016539	5,552	5,552	3.27	0
1106	WV1006592	235	235	3.27	0
1107	WV1006584	983	983	3.27	0
1107	WV1006592	236	236	3.27	0
1107	WV1008641	143	143	3.27	0
1107	WV1008706	135	135	3.27	0
1108	WV1006592	844	844	3.27	0
1110	WV0061336	870	870	3.27	0
1110	WV1006592	117	117	3.27	0
1110	WV1008749	79	79	3.27	0
1110	WV1018493	826	826	3.27	0
1111	WV0061336	1,339	1,339	3.27	0
1114	WV0092401	407	407	3.27	0
1114	WV1016407	40	40	3.27	0
1117	WV0044024	110	110	3.27	0
1117	WV0090042	160	160	3.27	0
1117	WV1016229	75	75	3.27	0
1117	WV1016237	31	31	3.27	0
1117	WV1016342	61	61	3.27	0
1117	WV1016385	112	112	3.27	0
1117	WV1016407	82	82	3.27	0
1118	WV0044024	119	119	3.27	0
1118	WV0053121	1,280	1,280	3.27	0
1118	WV1018523	49	49	3.27	0
1119	WV0050521	836	836	3.27	0
1119	WV0053121	798	798	3.27	0

1119	WV1018523	46	46	3.27	0

Table 4c. (Continued) Aluminum baseline conditions and allocations (WLAs) for permitted mining point sources

SWS	NPDES Permit ID	Baseline (lb/yr)	Allocation (lb/yr)	Allocation (mg/L)	% Reduction
1120	WV0044024	115	115	3.27	0
1120	WV0053121	1,239	1,239	3.27	0
1121	WV0049671	46	46	3.27	0
1121	WV0050521	1,606	1,606	3.27	0
1121	WV0053121	383	383	3.27	0
1122	WV0049671	22	22	3.27	0
1122	WV0093530	128	128	3.27	0
2100	WV0000418	676	676	3.27	0
2100	WV1004247	68	68	3.27	0
2100	WV1016032	316	316	3.27	0
2100	WV1017004	1,865	1,865	3.27	0
2101	WV1004247	48	48	3.27	0
2102	WV0000418	861	861	3.27	0
2102	WV1004361	49	49	3.27	0
2102	WV1004948	61	61	3.27	0
2102	WV1008102	130	130	3.27	0
2301	WV1016539	740	740	3.27	0
2302	WV1006681	153	153	3.27	0
2302	WV1016539	2,722	2,722	3.27	0
2305	WV1006681	144	144	3.27	0
2305	WV1016539	3,916	3,916	3.27	0
2306	WV0062961	79	79	3.27	0
2306	WV1016539	374	374	3.27	0
2308	WV1006037	2,652	2,652	3.27	0
2400	WV0062961	78	78	3.27	0
2400	WV1016539	4,052	4,052	3.27	0
2900	WV1018523	44	44	3.27	0
2903	WV1016466	169	169	3.27	0
2906	WV0044024	106	106	3.27	0
2906	WV1016342	20	20	3.27	0
3000	WV0050521	413	413	3.27	0
3000	WV0053121	395	395	3.27	0
3100	WV0050521	425	425	3.27	0
3100	WV0053121	1,216	1,216	3.27	0
3200	WV0049671	137	137	3.27	0
3200	WV1005596	57	57	3.27	0
3200	WV1016181	162	162	3.27	0
3200	WV1016199	70	70	3.27	0
3200	WV1016466	161	161	3.27	0
3200	WV1018566	86	86	3.27	0
3200	WV1018612	100	100	3.27	0
3200	WV1018621	313	313	3.27	0
3200	WV1018981	74	74	3.27	0

Table 5a. Iron baseline conditions and allocations (LAs) for nonpoint sources

* Othen Nonpoint Sources include: Forest, Wetland, Agriculture, Pasture, and Urban

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
1069	303	303	0	0	99	99	0	0	0	0	66	66	205	205	
1070	0	0	0	0	19	19	2	2	0	0	835	835	35	35	
1071	662	662	0	0	47	47	0	0	0	0	0	0	118	118	
1072	594	36	0	0	33	33	0	0	0	0	1	1	600	600	x
1073	19,731	1,184	0	0	399	399	3	3	0	0	32	32	2,282	2,282	x
1074	0	0	22,195	22,195	65	65	2	2	0	0	0	0	107	107	
1075	4,225	254	0	0	249	249	1	1	12	12	261	261	1,459	1,459	x
1076	0	0	1,573	1,573	76	76	1	1	0	0	0	0	111	111	
1077	1,071	1,071	3,152	3,152	58	58	0	0	0	0	0	0	308	308	
1078	3,516	211	9,523	3,428	190	190	2	2	48	48	276	276	1,346	1,346	x
1079	4,493	4,493	0	0	199	199	0	0	116	116	1	1	617	617	
1080	0	0	0	0	10	10	0	0	0	0	18	18	12	12	
1081	0	0	0	0	1	1	0	0	0	0	15	15	0	0	
1082	0	0	0	0	37	37	1	1	0	0	21	21	71	71	
1083	0	0	0	0	37	37	11	11	0	0	3,357	3,357	87	87	
1084	0	0	212	212	38	38	9	9	0	0	5	5	83	83	
1085	6,754	405	1,685	607	206	204	6	5	0	0	1,177	1,059	1,855	1,855	x
1086	0	0	0	0	10	10	2	2	0	0	5	5	18	18	
1087	1,113	167	0	0	70	70	1	1	0	0	0	0	330	330	x
1088	3,919	3,919	0	0	314	314	5	5	0	0	403	403	1,248	1,248	
1089	2,997	180	0	0	111	111	2	2	0	0	17	17	390	390	x
1090	437	26	0	0	51	51	1	1	0	0	0	0	177	177	x
1091	4,439	266	0	0	356	356	3	3	0	0	264	264	1,786	1,786	x
1092	3,375	202	0	0	221	221	4	4	0	0	367	367	1,849	1,849	x
1093	2,075	2,075	0	0	246	246	2	2	0	0	930	930	932	932	
1094	0	0	0	0	2	2	2	2	0	0	2	2	24	24	
1095	1,830	1,830	0	0	30	30	1	1	0	0	11	11	866	866	
1096	0	0	0	0	14	14	4	4	0	0	0	0	36	36	
1097	0	0	0	0	5	5	2	2	0	0	6	6	28	28	
1098	0	0	0	0	32	18	3	1	0	0	226	113	53	53	x
1099	0	0	0	0	5	5	0	0	0	0	0	0	10	10	
1100	0	0	0	0	27	27	1	1	0	0	213	213	116	116	
1101	0	0	0	0	2	2	1	1	0	0	104	104	57	57	
1102	0	0	0	0	7	7	0	0	0	0	5	5	19	19	
1103	2,508	2,508	0	0	242	242	3	3	0	0	12	12	2,528	2,528	

Table 5a. (Continued) Iron baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load	Allocated Load	Baseline Load	Allocated Load	Baseline Load	Allocated Load	Baseline Load	Allocated Load	Baseline Load	Allocated Load	Baseline Load	Allocated Load	Baseline Load	Allocated Load	
1104	0	0	0	0	28	28	3	3	0	0	196	196	51	51	
1105	0	0	0	0	10	10	11	11	0	0	217	217	89	89	
1106	2,584	2,584	0	0	243	243	4	4	0	0	21	21	1,409	1,409	
1107	0	0	574	574	137	137	16	16	0	0	107	107	243	243	
1108	0	0	161	161	5	5	1	1	0	0	0	0	19	19	
1109	0	0	0	0	53	53	14	14	0	0	0	0	158	158	
1110	925	925	0	0	107	107	3	3	0	0	23	23	722	722	
1111	0	0	0	0	32	32	9	9	0	0	7	7	160	160	
1112	0	0	0	0	5	5	0	0	0	0	0	0	3	3	
1113	0	0	0	0	8	8	0	0	0	0	0	0	13	13	
1114	0	0	0	0	67	67	14	14	0	0	0	0	243	243	
1115	0	0	18	18	238	238	50	50	0	0	71	71	526	526	
1116	0	0	0	0	11	11	0	0	0	0	0	0	14	14	
1117	0	0	0	0	57	57	0	0	286	286	0	0	227	227	
1118	0	0	0	0	1	1	1	1	0	0	0	0	10	10	
1119	0	0	0	0	0	0	0	0	0	0	0	0	4	4	
1120	2,520	2,520	0	0	48	48	1	1	0	0	6	6	277	277	
1121	3	3	0	0	26	26	3	3	0	0	0	0	73	73	
1122	0	0	0	0	57	57	0	0	0	0	107	107	124	124	
1123	1,756	1,756	0	0	164	164	0	0	166	166	7	7	704	704	
1124	1,344	1,344	0	0	61	61	0	0	111	111	0	0	115	115	
1125	376	30	0	0	98	98	0	0	4	4	38	38	641	641	x
1126	162	162	0	0	51	51	0	0	67	67	2	2	191	191	
2100	0	0	0	0	22	22	0	0	0	0	0	0	67	67	
2101	287	29	0	0	3	3	0	0	0	0	0	0	105	105	x
2102	5,240	1,572	0	0	41	41	0	0	0	0	225	225	591	591	x
2300	0	0	0	0	0	0	3	3	0	0	0	0	31	31	
2301	0	0	0	0	8	8	0	0	0	0	0	0	20	20	
2302	0	0	0	0	9	5	1	1	0	0	1,549	930	13	13	x
2303	0	0	0	0	2	2	1	1	0	0	0	0	3	3	
2304	1,405	84	139	70	1	1	0	0	0	0	0	0	247	247	x
2305	1,899	114	0	0	65	65	2	2	0	0	405	405	542	542	x
2306	169	10	0	0	22	22	0	0	0	0	0	0	113	113	x
2307	1,109	67	0	0	7	7	0	0	0	0	0	0	138	138	x
2308	577	35	0	0	35	35	0	0	0	0	8	8	216	216	x
2309	2,566	154	0	0	108	108	1	1	0	0	312	312	566	566	x
2400	0	0	0	0	25	25	5	5	0	0	2,063	2,063	59	59	

Table 5a. (Continued) Iron baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
2600	1,512	91	0	0	75	75	1	1	0	0	0	0	597	597	x
2900	0	0	0	0	8	8	3	3	0	0	18	18	22	22	
2901	0	0	0	0	2	2	5	5	0	0	0	0	21	21	
2902	0	0	0	0	2	2	0	0	0	0	29	29	2	2	
2903	0	0	0	0	19	19	2	2	0	0	0	0	32	32	
2904	0	0	0	0	4	4	0	0	0	0	10	10	7	7	
2905	0	0	0	0	17	17	7	7	0	0	0	0	57	57	
2906	0	0	0	0	9	9	5	5	0	0	0	0	37	37	
2907	0	0	0	0	6	6	0	0	0	0	0	0	21	21	
2908	0	0	0	0	0	0	0	0	0	0	2	2	15	15	
2909	0	0	0	0	67	67	12	12	0	0	81	81	163	163	
2910	0	0	0	0	1	1	0	0	0	0	0	0	3	3	
2911	0	0	0	0	61	61	3	3	0	0	0	0	108	108	
3000	2,451	147	0	0	43	43	0	0	0	0	0	0	292	292	x
3100	1,300	78	0	0	48	48	0	0	0	0	0	0	191	191	x
3200	3,076	185	0	0	131	131	1	1	0	0	0	0	1,503	1,503	x

Table 5b. Manganese baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
1069	422	422	0	0	14	14	0	0	0	0	180	180	101	101	
1070	0	0	0	0	7	7	1	1	0	0	315	315	108	108	
1071	875	875	0	0	3	3	0	0	0	0	0	0	73	73	
1072	971	971	0	0	7	7	0	0	0	0	2	2	400	400	
1073	22,878	22,878	0	0	60	60	8	8	0	0	87	87	1,523	1,523	
1074	0	0	15,382	15,382	23	23	1	1	0	0	0	0	345	345	
1075	5,600	5,600	0	0	61	61	3	3	25	25	707	707	962	962	
1076	0	0	1,057	1,057	27	27	0	0	0	0	0	0	365	365	
1077	2,572	2,572	3,191	3,191	8	8	0	0	0	0	0	0	204	204	
1078	5,029	5,029	9,641	9,641	41	41	5	5	105	105	746	746	900	900	
1079	6,260	6,260	0	0	25	25	1	1	255	255	2	2	407	407	
1080	0	0	0	0	3	3	0	0	0	0	7	7	34	34	
1081	0	0	0	0	0	0	0	0	0	0	6	6	1	1	
1082	0	0	0	0	12	12	0	0	0	0	8	8	236	236	
1083	0	0	0	0	13	13	4	4	0	0	1,266	1,266	293	293	
1084	0	0	142	142	13	13	3	3	0	0	2	2	278	278	
1085	16,164	16,164	1,706	1,706	48	48	16	16	0	0	3,184	3,184	1,239	1,239	
1086	0	0	0	0	3	3	1	1	0	0	2	2	60	60	
1087	2,675	2,675	0	0	11	11	2	2	0	0	0	0	220	220	
1088	6,405	6,405	0	0	32	32	14	14	0	0	1,091	1,091	827	827	
1089	5,954	5,954	0	0	10	10	6	6	0	0	45	45	258	258	
1090	714	714	0	0	1	1	2	2	0	0	0	0	117	117	
1091	7,023	7,023	0	0	40	40	7	7	0	0	713	713	1,191	1,191	
1092	5,900	5,900	0	0	49	49	14	14	0	0	1,180	1,180	1,163	1,163	
1093	3,718	3,718	0	0	28	28	7	7	0	0	2,995	2,995	583	583	
1094	0	0	0	0	1	1	1	1	0	0	1	1	78	78	
1095	2,994	2,994	0	0	5	5	2	2	0	0	29	29	579	579	
1096	0	0	0	0	5	5	1	1	0	0	0	0	121	121	
1097	0	0	0	0	2	2	1	1	0	0	2	2	96	96	
1098	0	0	0	0	11	11	1	1	0	0	85	85	179	179	
1099	0	0	0	0	2	2	0	0	0	0	0	0	32	32	
1100	0	0	0	0	10	10	0	0	0	0	94	94	405	405	
1101	0	0	0	0	1	1	0	0	0	0	39	39	193	193	
1102	0	0	0	0	2	2	0	0	0	0	2	2	63	63	

Table 5b. (Continued) Manganese baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
1103	3,605	3,605	0	0	43	43	10	10	0	0	38	38	1,593	1,593	
1104	0	0	0	0	11	11	1	1	0	0	86	86	170	170	
1105	0	0	0	0	4	4	5	5	0	0	96	96	301	301	
1106	4,589	4,589	0	0	63	63	11	11	0	0	67	67	883	883	
1107	0	0	399	399	58	58	7	7	0	0	47	47	836	836	
1108	0	0	112	112	2	2	0	0	0	0	0	0	51	51	
1109	0	0	0	0	22	22	6	6	0	0	0	0	517	517	
1110	1,300	1,300	0	0	15	15	9	9	0	0	74	74	452	452	
1111	0	0	0	0	12	12	4	4	0	0	3	3	545	545	
1112	0	0	0	0	2	2	0	0	0	0	0	0	4	4	
1113	0	0	0	0	3	3	0	0	0	0	0	0	42	42	
1114	0	0	0	0	26	26	6	6	0	0	0	0	817	817	
1115	0	0	12	12	97	97	22	22	0	0	31	31	1,760	1,760	
1116	0	0	0	0	4	4	0	0	0	0	0	0	35	35	
1117	0	0	0	0	22	22	0	0	305	305	0	0	689	689	
1118	0	0	0	0	0	0	0	0	0	0	0	0	23	23	
1119	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
1120	4,313	4,313	0	0	4	4	2	2	0	0	18	18	120	120	
1121	36	36	0	0	9	9	1	1	0	0	0	0	221	221	
1122	0	0	0	0	22	22	0	0	0	0	45	45	349	349	
1123	2,588	2,588	0	0	19	19	0	0	350	350	21	21	344	344	
1124	2,592	2,592	0	0	6	6	0	0	235	235	0	0	67	67	
1125	595	595	0	0	27	27	1	1	9	9	116	116	378	378	
1126	255	255	0	0	3	3	0	0	142	142	6	6	103	103	
2100	0	0	0	0	8	8	0	0	0	0	0	0	225	225	
2101	1,840	736	0	0	20	20	1	1	0	0	0	0	70	70	x
2102	8,829	8,829	0	0	14	14	1	1	0	0	609	609	395	395	
2300	0	0	0	0	0	0	195	175	0	0	0	0	105	105	x
2301	0	0	0	0	3	3	0	0	0	0	0	0	67	67	
2302	0	0	0	0	56	22	7	3	0	0	11,173	4,469	41	41	x
2303	0	0	0	0	1	1	0	0	0	0	0	0	9	9	
2304	8,443	1,689	422	422	1	1	3	3	0	0	0	0	165	165	x
2305	3,088	3,088	0	0	13	13	4	4	0	0	1,097	1,097	362	362	
2306	1,398	349	0	0	22	22	3	3	0	0	0	0	71	71	x
2307	2,224	2,224	0	0	3	3	1	1	0	0	0	0	72	72	
2308	3,807	3,807	0	0	25	25	4	4	0	0	72	72	133	133	

Table 5b. (Continued) Manganese baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
2309	5,242	5,242	0	0	28	28	4	4	0	0	1,003	1,003	356	356	
2400	0	0	0	0	164	66	39	16	0	0	14,876	5,951	197	197	x
2600	2,732	2,732	0	0	19	19	3	3	0	0	0	0	376	376	
2900	0	0	0	0	64	64	29	29	0	0	150	150	73	73	
2901	0	0	0	0	19	19	38	38	0	0	0	0	74	74	
2902	0	0	0	0	17	17	0	0	0	0	250	250	6	6	
2903	0	0	0	0	145	145	19	19	0	0	0	0	109	109	
2904	0	0	0	0	33	33	0	0	0	0	87	87	22	22	
2905	0	0	0	0	135	135	58	58	0	0	0	0	193	193	
2906	0	0	0	0	69	69	38	38	0	0	0	0	125	125	
2907	0	0	0	0	45	45	0	0	0	0	0	0	71	71	
2908	0	0	0	0	0	0	0	0	0	0	13	13	52	52	
2909	0	0	0	0	496	496	106	106	0	0	690	690	519	519	
2910	0	0	0	0	8	8	0	0	0	0	0	0	9	9	
2911	0	0	0	0	485	485	29	29	0	0	0	0	359	359	
3000	15,589	1,559	0	0	32	32	3	3	0	0	0	0	155	155	x
3100	8,268	661	0	0	36	36	1	1	0	0	0	0	109	109	x
3200	27,790	11,116	0	0	117	117	9	9	0	0	0	0	945	945	x

Table 5c. Aluminum baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
1069	1,030	1,030	0	0	100	100	0	0	0	0	80	80	225	225	
1070	0	0	0	0	12	12	1	1	0	0	576	576	51	51	
1071	2,799	2,799	0	0	47	47	0	0	0	0	0	0	131	131	
1072	284	284	0	0	34	34	0	0	0	0	1	1	670	670	
1073	121,911	12,191	0	0	403	403	3	3	0	0	39	39	2,545	2,545	x
1074	0	0	15,119	15,119	43	43	1	1	0	0	0	0	158	158	
1075	17,722	1,772	0	0	254	254	1	1	13	13	314	314	1,629	1,629	x
1076	0	0	1,071	1,071	51	51	1	1	0	0	0	0	164	164	
1077	752	752	651	651	59	59	0	0	0	0	0	0	343	343	
1078	10,339	1,034	2,007	803	193	193	2	2	53	53	331	331	1,501	1,501	x
1079	15,182	15,182	0	0	201	201	0	0	129	129	1	1	689	689	
1080	0	0	0	0	6	6	0	0	0	0	13	13	18	18	
1081	0	0	0	0	1	1	0	0	0	0	11	11	0	0	
1082	0	0	0	0	23	23	1	1	0	0	14	14	104	104	
1083	0	0	0	0	25	25	8	8	0	0	2,315	2,315	129	129	
1084	0	0	144	144	24	24	6	6	0	0	4	4	124	124	
1085	5,295	529	348	139	209	209	7	7	0	0	1,412	1,412	2,069	2,069	x
1086	0	0	0	0	6	6	1	1	0	0	3	3	27	27	
1087	782	78	0	0	71	71	1	1	0	0	0	0	368	368	x
1088	1,935	1,935	0	0	316	316	6	6	0	0	484	484	1,392	1,392	
1089	12,609	883	0	0	112	112	3	3	0	0	20	20	436	436	x
1090	222	16	0	0	52	52	1	1	0	0	0	0	198	198	x
1091	4,986	499	0	0	359	359	3	3	0	0	316	316	1,992	1,992	x
1092	3,802	266	0	0	224	224	5	5	0	0	435	435	2,038	2,038	x
1093	1,351	1,351	0	0	248	248	3	3	0	0	1,104	1,104	1,027	1,027	
1094	0	0	0	0	1	1	1	1	0	0	1	1	35	35	
1095	875	875	0	0	30	30	1	1	0	0	13	13	966	966	
1096	0	0	0	0	9	9	3	3	0	0	0	0	53	53	
1097	0	0	0	0	4	4	1	1	0	0	4	4	42	42	
1098	0	0	0	0	21	21	2	2	0	0	156	156	79	79	
1099	0	0	0	0	3	3	0	0	0	0	0	0	14	14	
1100	0	0	0	0	17	17	1	1	0	0	146	146	168	168	
1101	0	0	0	0	2	2	1	1	0	0	72	72	85	85	
1102	0	0	0	0	4	4	0	0	0	0	4	4	28	28	

Table 5c. (Continued) Aluminum baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
1103	11,298	11,298	0	0	245	245	4	4	0	0	14	14	2,786	2,786	
1104	0	0	0	0	18	18	2	2	0	0	135	135	73	73	
1105	0	0	0	0	6	6	8	8	0	0	149	149	129	129	
1106	2,145	2,145	0	0	246	246	4	4	0	0	25	25	1,553	1,553	
1107	0	0	389	389	91	91	11	11	0	0	74	74	352	352	
1108	0	0	109	109	3	3	1	1	0	0	0	0	25	25	
1109	0	0	0	0	35	35	9	9	0	0	0	0	225	225	
1110	4,484	4,484	0	0	108	108	3	3	0	0	27	27	797	797	
1111	0	0	0	0	19	19	6	6	0	0	5	5	232	232	
1112	0	0	0	0	3	3	0	0	0	0	0	0	3	3	
1113	0	0	0	0	5	5	0	0	0	0	0	0	18	18	
1114	0	0	0	0	42	42	9	9	0	0	0	0	351	351	
1115	0	0	12	12	154	154	34	34	0	0	49	49	757	757	
1116	0	0	0	0	7	7	0	0	0	0	0	0	18	18	
1117	0	0	0	0	36	36	0	0	206	206	0	0	303	303	
1118	0	0	0	0	0	0	1	1	0	0	0	0	11	11	
1119	0	0	0	0	0	0	0	0	0	0	0	0	2	2	
1120	18,900	18,900	0	0	48	48	1	1	0	0	7	7	298	298	
1121	26	26	0	0	16	16	2	2	0	0	0	0	99	99	
1122	0	0	0	0	37	37	0	0	0	0	73	73	162	162	
1123	6,221	6,221	0	0	165	165	0	0	181	181	8	8	763	763	
1124	7,693	7,693	0	0	61	61	0	0	121	121	0	0	127	127	
1125	863	129	0	0	100	100	1	1	5	5	45	45	705	705	x
1126	400	400	0	0	52	52	0	0	73	73	2	2	209	209	
2100	0	0	0	0	15	15	0	0	0	0	0	0	99	99	
2101	944	94	0	0	4	4	0	0	0	0	0	0	117	117	x
2102	35,353	7,071	0	0	42	42	0	0	0	0	270	270	659	659	x
2300	0	0	0	0	0	0	2	2	0	0	0	0	46	46	
2301	0	0	0	0	5	5	0	0	0	0	0	0	30	30	
2302	0	0	0	0	6	4	1	1	0	0	1,069	748	19	19	x
2303	0	0	0	0	1	1	1	1	0	0	0	0	4	4	
2304	987	99	29	17	1	1	0	0	0	0	0	0	276	276	x
2305	1,123	112	0	0	66	66	2	2	0	0	487	487	604	604	x
2306	272	27	0	0	23	23	0	0	0	0	0	0	124	124	x
2307	6,233	623	0	0	7	7	0	0	0	0	0	0	150	150	x
2308	414	41	0	0	35	35	1	1	0	0	9	9	238	238	x

Table 5c. (Continued) Aluminum baseline conditions and allocations (LAs) for nonpoint sources

SWS	AML		Revoked Mines		Roads		Oil and Gas Wells		Harvested Forest		Barren Land		Other Non-Point Sources		Requires Reduction
	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	Baseline Load (lb/yr)	Allocated Load (lb/yr)	
2309	13,680	1,368	0	0	110	110	1	1	0	0	370	370	624	624	x
2400	0	0	0	0	16	16	4	4	0	0	1,423	1,423	88	88	
2600	743	74	0	0	76	76	1	1	0	0	0	0	659	659	x
2900	0	0	0	0	5	5	2	2	0	0	12	12	31	31	
2901	0	0	0	0	2	2	3	3	0	0	0	0	31	31	
2902	0	0	0	0	1	1	0	0	0	0	20	20	3	3	
2903	0	0	0	0	12	12	2	2	0	0	0	0	46	46	
2904	0	0	0	0	3	3	0	0	0	0	7	7	10	10	
2905	0	0	0	0	11	11	5	5	0	0	0	0	82	82	
2906	0	0	0	0	6	6	3	3	0	0	0	0	54	54	
2907	0	0	0	0	4	4	0	0	0	0	0	0	30	30	
2908	0	0	0	0	0	0	0	0	0	0	1	1	22	22	
2909	0	0	0	0	43	43	9	9	0	0	56	56	234	234	
2910	0	0	0	0	1	1	0	0	0	0	0	0	4	4	
2911	0	0	0	0	41	41	2	2	0	0	0	0	156	156	
3000	1,742	174	0	0	44	44	0	0	0	0	0	0	318	318	x
3100	924	92	0	0	49	49	0	0	0	0	0	0	209	209	x
3200	1,512	151	0	0	133	133	1	1	0	0	0	0	1,659	1,659	x

Table 6. Fecal Coliform baseline and allocations

SWS	Stream	Agriculture		Natural Sources		Failing Septics		Residential	
		Baseline Load (counts)	Allocated Load (count)	Baseline Load (count)	Allocated Load (count)	Baseline Load (count)	Allocated Load (count)	Baseline Load (count)	Allocated Load (count)
1071	Dingess Run	6.39E+11	4.47E+11	4.74E+12	4.74E+12	1.17E+14	0.00E+00	2.67E+12	1.87E+12
1075	Rum Creek	3.26E+11	2.28E+11	3.46E+12	3.46E+12	6.07E+13	0.00E+00	4.57E+12	3.20E+12
1078	Rich Creek	7.62E+10	5.34E+10	2.38E+12	2.38E+12	6.27E+13	0.00E+00	4.80E+11	3.36E+11
1083	Sandlick Creek	0.00E+00	0.00E+00	8.01E+11	8.01E+11	2.10E+13	0.00E+00	3.22E+11	2.25E+11
1085	Elk Creek	1.47E+11	1.03E+11	3.19E+12	3.19E+12	8.36E+13	0.00E+00	8.02E+11	5.61E+11
1087	Spice Creek	2.89E+10	2.02E+10	4.67E+11	4.67E+11	1.75E+13	0.00E+00	0.00E+00	0.00E+00
1089	Gilbert Creek	1.15E+12	8.06E+11	7.07E+12	7.07E+12	2.45E+14	0.00E+00	7.22E+12	5.06E+12
1098	Long Branch	4.47E+10	3.13E+10	4.78E+11	4.78E+11	1.39E+13	0.00E+00	1.58E+11	1.11E+11
1100	Big Branch	0.00E+00	0.00E+00	1.02E+12	1.02E+12	2.05E+13	0.00E+00	0.00E+00	0.00E+00
1107	Turkey Creek	1.31E+12	9.16E+11	2.11E+12	2.11E+12	2.79E+13	0.00E+00	5.50E+11	3.85E+11
1109	Skin Fork	2.25E+12	1.58E+12	1.19E+12	1.19E+12	1.42E+13	0.00E+00	1.65E+12	1.15E+12
1112	Rockcastle Creek	8.68E+12	6.07E+12	6.16E+12	6.16E+12	2.68E+13	0.00E+00	1.31E+13	9.20E+12
1125	Big Branch	2.23E+12	1.56E+12	8.45E+11	8.45E+11	1.03E+13	0.00E+00	9.47E+11	6.63E+11
2100	Rockhouse Creek	4.99E+10	3.50E+10	1.67E+12	1.67E+12	4.39E+13	0.00E+00	2.67E+11	1.87E+11
2301	Big Cub Creek	1.05E+12	7.32E+11	3.79E+12	3.79E+12	1.33E+14	0.00E+00	3.62E+12	2.54E+12
2400	Reedy Branch	6.05E+10	4.23E+10	5.96E+11	5.96E+11	1.71E+13	0.00E+00	0.00E+00	0.00E+00
2600	Little Cub Creek	6.94E+11	4.86E+11	9.16E+11	9.16E+11	1.87E+13	0.00E+00	5.40E+11	3.78E+11
2900	Cabin Creek	1.27E+13	8.87E+12	3.63E+12	3.63E+12	3.77E+13	0.00E+00	2.03E+12	1.42E+12
3000	Joe Branch	7.92E+11	5.55E+11	3.74E+11	3.74E+11	4.94E+12	0.00E+00	6.29E+11	4.40E+11
3100	Long Branch	2.87E+11	2.01E+11	3.06E+11	3.06E+11	3.60E+12	0.00E+00	2.93E+11	2.05E+11
3200	Still Run	3.54E+12	2.48E+12	2.29E+12	2.29E+12	2.49E+13	0.00E+00	3.06E+11	2.14E+11