Appendix A-1
Region 1

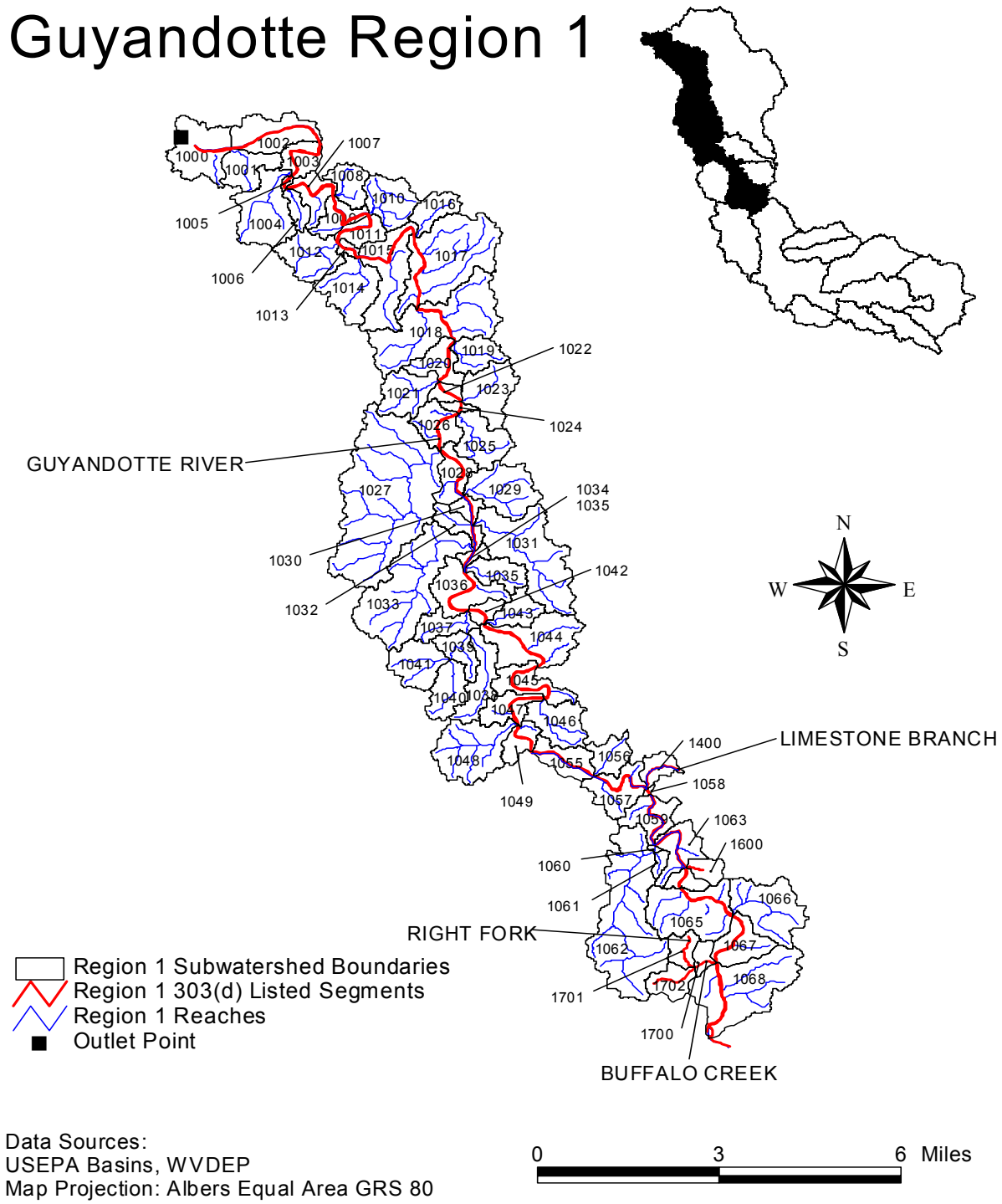

Figure 1. Region 1 - Guyandotte Watershed

Table 1. Impaired waterbodies in Region 1

Stream Name	Stream Code	Pollutant	Contributing SWS	Contributing Regions	Affected Use
Buffalo Creek	OG-61	Metals, pH	1700, 1701, 1702		Aquatic Life, Human Health
Limestone Branch	OG-48	Metals, pH	1400		Aquatic Life, Human Health
Guyandotte River	OG-48	Al, Fecal Coliforms	All SWS in this region	1-14	Aquatic Life, Human Health
Right Fork of Buffalo Creek	OG-61-A	Metals, pH	1701		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
1027
1028
1030
1041
1046
1055
1062
1063
1064
1066
1068
1701
1702

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
1057	WVG015022	97	97	3.20	0
1059	WV0095885	213	213	3.20	0
1059	WV1015796	597	597	3.20	0
1068	WV1005138	45	45	3.20	0
1020*	WVG640084	552	552	3.70	0
1063*	WVG640085	451	451	3.70	0
1067*	WVG640092	1127	1127	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
1057	WVG015022	97	97	2.00	0
1059	WV0095885	213	213	2.00	0
1059	WV1015796	597	597	2.00	0
1068	WV1005138	45	45	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
1057	WVG015022	98	98	3.27	0
1059	WV0095885	213	213	3.27	0
1059	WV1015796	597	597	3.27	0
1068	WV1005138	46	46	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)	
1000	0	0	0	0	313	313	4	4	0	0	0	0	389	389	
1001	0	0	0	0	96	96	2	2	0	0	0	0	155	155	
1002	0	0	0	0	185	185	4	4	2	2	0	0	255	255	
1003	0	0	0	0	101	101	1	1	0	0	0	0	133	133	
1004	0	0	0	0	76	76	21	21	0	0	102	102	223	223	
1005	0	0	0	0	3	3	0	0	0	0	6	6	8	8	
1006	0	0	0	0	16	16	4	4	0	0	31	31	39	39	
1007	0	0	0	0	35	35	1	1	0	0	103	103	116	116	
1008	0	0	0	0	39	39	4	4	0	0	94	94	95	95	
1009	0	0	0	0	60	60	3	3	0	0	5	5	93	93	
1010	0	0	0	0	54	54	3	3	0	0	111	111	155	155	
1011	0	0	0	0	34	34	2	2	0	0	25	25	68	68	
1012	0	0	0	0	48	48	6	6	0	0	156	156	146	146	
1013	0	0	0	0	11	11	0	0	0	0	9	9	16	16	
1014	0	0	0	0	53	53	8	8	0	0	46	46	165	165	
1015	0	0	0	0	81	81	15	15	0	0	132	132	253	253	
1016	0	0	0	0	23	23	1	1	0	0	70	70	81	81	
1017	0	0	0	0	172	172	30	30	29	29	25	25	454	454	
1018	0	0	0	0	156	156	50	50	0	0	36	36	446	446	
1019	0	0	0	0	40	40	1	1	0	0	0	0	106	106	
1020	0	0	0	0	55	55	13	13	0	0	153	153	106	106	
1021	0	0	0	0	42	42	11	11	0	0	0	0	133	133	
1022	0	0	0	0	9	9	3	3	0	0	8	8	36	36	
1023	0	0	0	0	57	57	8	8	0	0	39	39	144	144	
1024	0	0	0	0	8	8	1	1	0	0	9	9	21	21	
1025	0	0	0	0	60	60	16	16	0	0	32	32	128	128	
1026	0	0	0	0	52	52	8	8	0	0	29	29	110	110	
1027	4,358	261	0	0	474	474	7	7	18	18	4	4	4,279	4,279	x
1028	3,654	3,654	0	0	152	152	1	1	0	0	0	0	481	481	
1029	0	0	0	0	81	81	21	21	14	14	7	7	161	161	
1030	204	204	0	0	33	33	0	0	0	0	10	10	183	183	
1031	0	0	0	0	146	105	54	38	185	148	5,093	3,565	269	269	x
1032	0	0	0	0	27	27	7	7	0	0	320	320	50	50	
1033	0	0	0	0	149	149	18	18	0	0	530	530	397	397	
1034	0	0	0	0	12	12	2	2	0	0	14	14	20	20	
1035	0	0	0	0	34	34	9	9	0	0	994	994	70	70	

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)	
1036	0	0	0	0	69	69	18	18	0	0	0	0	136	136	
1037	0	0	0	0	32	32	11	11	0	0	72	72	73	73	
1038	0	0	0	0	41	41	9	9	10	10	417	417	112	112	
1039	0	0	0	0	13	13	9	9	0	0	4	4	66	66	
1040	0	0	0	0	24	24	10	10	0	0	14	14	97	97	
1041	474	47	0	0	95	95	1	1	0	0	43	43	681	681	x
1042	0	0	0	0	23	23	7	7	0	0	0	0	31	31	
1043	0	0	0	0	30	30	8	8	0	0	968	968	65	65	
1044	0	0	0	0	104	104	57	57	108	108	1,517	1,517	187	187	
1045	0	0	0	0	68	68	13	13	0	0	829	829	89	89	
1046	10	10	0	0	41	41	14	14	0	0	1,149	1,149	102	102	
1047	0	0	0	0	47	47	10	10	0	0	39	39	72	72	
1048	0	0	0	0	95	95	19	19	0	0	56	56	195	195	
1049	0	0	0	0	26	26	7	7	0	0	758	758	44	44	
1055	1,414	1,414	0	0	166	166	2	2	0	0	1	1	381	381	
1056	0	0	0	0	26	26	17	17	0	0	0	0	66	66	
1057	0	0	0	0	32	32	16	16	0	0	0	0	104	104	
1058	0	0	0	0	4	4	0	0	0	0	2	2	3	3	
1059	0	0	0	0	39	39	5	5	0	0	6	6	82	82	
1060	0	0	0	0	3	3	0	0	0	0	27	27	4	4	
1061	0	0	0	0	7	7	0	0	0	0	53	53	16	16	
1062	317	19	0	0	412	412	3	3	0	0	276	276	2,142	2,142	x
1063	629	629	0	0	292	292	0	0	4	4	20	20	515	515	
1064	1,013	1,013	0	0	91	91	0	0	0	0	4	4	173	173	
1065	0	0	0	0	148	148	13	13	0	0	854	854	202	202	
1066	29	29	0	0	81	81	2	2	0	0	93	93	180	180	
1067	0	0	0	0	62	62	5	5	0	0	24	24	100	100	
1068	7,905	7,905	1,787	1,787	341	341	1	1	0	0	10	10	1,410	1,410	
1400	37	11	0	0	33	33	1	1	0	0	0	0	223	223	x
1600	0	0	0	0	16	16	1	1	0	0	0	0	39	39	
1700	0	0	0	0	9	9	3	3	0	0	8	8	31	31	
1701	0	0	0	0	18	18	2	2	0	0	0	0	45	45	
1702	2,708	406	0	0	35	35	0	0	0	0	0	0	291	291	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)	
1000	0	0	0	0	92	92	1	1	0	0	0	0	414	414	
1001	0	0	0	0	28	28	1	1	0	0	0	0	258	258	
1002	0	0	0	0	54	54	1	1	2	2	0	0	365	365	
1003	0	0	0	0	30	30	0	0	0	0	0	0	157	157	
1004	0	0	0	0	22	22	7	7	0	0	32	32	518	518	
1005	0	0	0	0	1	1	0	0	0	0	2	2	13	13	
1006	0	0	0	0	5	5	1	1	0	0	10	10	106	106	
1007	0	0	0	0	10	10	0	0	0	0	32	32	187	187	
1008	0	0	0	0	12	12	1	1	0	0	29	29	207	207	
1009	0	0	0	0	18	18	1	1	0	0	1	1	172	172	
1010	0	0	0	0	18	18	1	1	0	0	39	39	403	403	
1011	0	0	0	0	10	10	1	1	0	0	8	8	155	155	
1012	0	0	0	0	14	14	2	2	0	0	49	49	370	370	
1013	0	0	0	0	3	3	0	0	0	0	3	3	37	37	
1014	0	0	0	0	15	15	3	3	0	0	14	14	431	431	
1015	0	0	0	0	26	26	5	5	0	0	46	46	655	655	
1016	0	0	0	0	8	8	0	0	0	0	24	24	238	238	
1017	0	0	0	0	57	57	11	11	25	25	9	9	1,169	1,169	
1018	0	0	0	0	52	52	18	18	0	0	12	12	1,183	1,183	
1019	0	0	0	0	13	13	0	0	0	0	0	0	276	276	
1020	0	0	0	0	18	18	5	5	0	0	54	54	262	262	
1021	0	0	0	0	14	14	4	4	0	0	0	0	391	391	
1022	0	0	0	0	3	3	1	1	0	0	3	3	96	96	
1023	0	0	0	0	19	19	3	3	0	0	14	14	454	454	
1024	0	0	0	0	3	3	0	0	0	0	3	3	50	50	
1025	0	0	0	0	20	20	5	5	0	0	11	11	412	412	
1026	0	0	0	0	17	17	3	3	0	0	10	10	293	293	
1027	5,613	5,613	0	0	108	108	17	17	35	35	11	11	2,434	2,434	
1028	6,261	6,261	0	0	21	21	3	3	0	0	0	0	244	244	
1029	0	0	0	0	28	28	7	7	12	12	2	2	535	535	
1030	314	314	0	0	1	1	1	1	0	0	27	27	99	99	
1031	0	0	0	0	50	50	19	19	164	164	1,784	1,784	884	884	
1032	0	0	0	0	9	9	2	2	0	0	112	112	167	167	
1033	0	0	0	0	50	50	6	6	0	0	186	186	1,295	1,295	
1034	0	0	0	0	4	4	1	1	0	0	5	5	66	66	
1035	0	0	0	0	11	11	3	3	0	0	348	348	237	237	
1036	0	0	0	0	23	23	6	6	0	0	0	0	451	451	
1037	0	0	0	0	11	11	4	4	0	0	25	25	239	239	

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)	
1038	0	0	0	0	13	13	3	3	9	9	146	146	371	371	
1039	0	0	0	0	4	4	3	3	0	0	2	2	217	217	
1040	0	0	0	0	8	8	4	4	0	0	5	5	323	323	
1041	709	709	0	0	9	9	2	2	0	0	112	112	386	386	
1042	0	0	0	0	8	8	2	2	0	0	0	0	100	100	
1043	0	0	0	0	10	10	3	3	0	0	339	339	217	217	
1044	0	0	0	0	35	35	20	20	96	96	532	532	629	629	
1045	0	0	0	0	23	23	5	5	0	0	291	291	296	296	
1046	73	73	0	0	15	15	5	5	0	0	433	433	339	339	
1047	0	0	0	0	15	15	4	4	0	0	14	14	238	238	
1048	0	0	0	0	34	34	7	7	0	0	21	21	639	639	
1049	0	0	0	0	9	9	3	3	0	0	286	286	145	145	
1055	1,762	1,762	0	0	18	18	7	7	0	0	2	2	252	252	
1056	0	0	0	0	9	9	7	7	0	0	0	0	217	217	
1057	0	0	0	0	10	10	6	6	0	0	0	0	343	343	
1058	0	0	0	0	2	2	0	0	0	0	1	1	9	9	
1059	0	0	0	0	13	13	2	2	0	0	2	2	263	263	
1060	0	0	0	0	1	1	0	0	0	0	10	10	12	12	
1061	0	0	0	0	2	2	0	0	0	0	20	20	52	52	
1062	438	438	0	0	63	63	9	9	0	0	747	747	1,425	1,425	
1063	861	861	0	0	30	30	1	1	8	8	55	55	271	271	
1064	1,830	1,830	0	0	9	9	0	0	0	0	11	11	97	97	
1065	0	0	0	0	51	51	5	5	0	0	322	322	659	659	
1066	243	243	0	0	29	29	1	1	0	0	35	35	599	599	
1067	0	0	0	0	21	21	2	2	0	0	9	9	320	320	
1068	10,094	10,094	1,810	1,810	54	54	2	2	0	0	28	28	883	883	
1400	305	6	0	0	945	709	260	195	0	0	0	0	148	148	x
1600	0	0	0	0	1,055	792	65	49	0	0	0	0	128	128	x
1700	0	0	0	0	9	9	3	3	0	0	9	9	100	100	
1701	0	0	0	0	18	18	2	2	0	0	0	0	149	149	
1702	12,467	3,117	0	0	19	19	1	1	0	0	0	0	194	194	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)	
1000	0	0	0	0	201	201	3	3	0	0	0	0	326	326	
1001	0	0	0	0	62	62	1	1	0	0	0	0	159	159	
1002	0	0	0	0	118	118	3	3	1	1	0	0	244	244	
1003	0	0	0	0	65	65	1	1	0	0	0	0	117	117	
1004	0	0	0	0	48	48	15	15	0	0	70	70	269	269	
1005	0	0	0	0	2	2	0	0	0	0	4	4	9	9	
1006	0	0	0	0	10	10	3	3	0	0	21	21	54	54	
1007	0	0	0	0	23	23	1	1	0	0	70	70	118	118	
1008	0	0	0	0	26	26	3	3	0	0	64	64	114	114	
1009	0	0	0	0	39	39	2	2	0	0	3	3	105	105	
1010	0	0	0	0	35	35	2	2	0	0	76	76	203	203	
1011	0	0	0	0	22	22	1	1	0	0	17	17	86	86	
1012	0	0	0	0	30	30	4	4	0	0	106	106	189	189	
1013	0	0	0	0	7	7	0	0	0	0	6	6	20	20	
1014	0	0	0	0	34	34	6	6	0	0	31	31	216	216	
1015	0	0	0	0	52	52	10	10	0	0	90	90	339	339	
1016	0	0	0	0	15	15	1	1	0	0	48	48	115	115	
1017	0	0	0	0	112	112	21	21	20	20	17	17	596	596	
1018	0	0	0	0	101	101	34	34	0	0	24	24	600	600	
1019	0	0	0	0	25	25	1	1	0	0	0	0	139	139	
1020	0	0	0	0	35	35	9	9	0	0	104	104	137	137	
1021	0	0	0	0	28	28	8	8	0	0	0	0	188	188	
1022	0	0	0	0	6	6	2	2	0	0	5	5	50	50	
1023	0	0	0	0	38	38	5	5	0	0	26	26	205	205	
1024	0	0	0	0	5	5	1	1	0	0	6	6	26	26	
1025	0	0	0	0	39	39	11	11	0	0	22	22	184	184	
1026	0	0	0	0	33	33	5	5	0	0	20	20	146	146	
1027	21,843	21,843	0	0	481	481	8	8	20	20	5	5	4,701	4,701	
1028	24,861	24,861	0	0	153	153	1	1	0	0	0	0	525	525	
1029	0	0	0	0	54	54	15	15	10	10	5	5	231	231	
1030	433	433	0	0	34	34	0	0	0	0	12	12	200	200	
1031	0	0	0	0	97	97	37	37	132	132	3,478	3,478	386	386	
1032	0	0	0	0	17	17	5	5	0	0	218	218	72	72	
1033	0	0	0	0	98	98	12	12	0	0	362	362	570	570	
1034	0	0	0	0	8	8	2	2	0	0	9	9	29	29	
1035	0	0	0	0	22	22	6	6	0	0	679	679	101	101	
1036	0	0	0	0	45	45	12	12	0	0	0	0	195	195	
1037	0	0	0	0	21	21	8	8	0	0	49	49	105	105	

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)	
1038	0	0	0	0	25	25	6	6	7	7	284	284	161	161	
1039	0	0	0	0	8	8	6	6	0	0	3	3	94	94	
1040	0	0	0	0	15	15	7	7	0	0	9	9	140	140	
1041	1,226	1,226	0	0	95	95	1	1	0	0	50	50	749	749	
1042	0	0	0	0	15	15	5	5	0	0	0	0	44	44	
1043	0	0	0	0	20	20	5	5	0	0	661	661	94	94	
1044	0	0	0	0	69	69	39	39	77	77	1,036	1,036	269	269	
1045	0	0	0	0	45	45	9	9	0	0	566	566	127	127	
1046	122	122	0	0	28	28	9	9	0	0	792	792	150	150	
1047	0	0	0	0	30	30	7	7	0	0	26	26	103	103	
1048	0	0	0	0	63	63	13	13	0	0	39	39	289	289	
1049	0	0	0	0	16	16	5	5	0	0	523	523	66	66	
1055	7,271	7,271	0	0	167	167	3	3	0	0	1	1	426	426	
1056	0	0	0	0	17	17	12	12	0	0	0	0	98	98	
1057	0	0	0	0	20	20	11	11	0	0	0	0	154	154	
1058	0	0	0	0	3	3	0	0	0	0	2	2	4	4	
1059	0	0	0	0	25	25	4	4	0	0	4	4	121	121	
1060	0	0	0	0	2	2	0	0	0	0	19	19	6	6	
1061	0	0	0	0	5	5	0	0	0	0	37	37	23	23	
1062	1,114	1,114	0	0	417	417	4	4	0	0	331	331	2,392	2,392	
1063	2,318	2,318	0	0	294	294	0	0	4	4	24	24	568	568	
1064	5,791	5,791	0	0	92	92	0	0	0	0	5	5	191	191	
1065	0	0	0	0	95	95	9	9	0	0	589	589	299	299	
1066	350	350	0	0	54	54	1	1	0	0	64	64	267	267	
1067	0	0	0	0	40	40	3	3	0	0	17	17	147	147	
1068	37,744	37,744	369	369	345	345	1	1	0	0	12	12	1,568	1,568	
1400	18	18	0	0	33	33	1	1	0	0	0	0	249	249	
1600	0	0	0	0	11	11	1	1	0	0	0	0	58	58	
1700	0	0	0	0	6	6	2	2	0	0	6	6	46	46	
1701	0	0	0	0	12	12	1	1	0	0	0	0	66	66	
1702	17,542	3,508	0	0	36	36	0	0	0	0	0	0	324	324	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)
1000	*Guyandotte River*	*9.83E+14*	*4.59E+14*	*3.94E+14*	*3.94E+14*	*1.05E+16*	*0.00E+00*	*9.51E+14*	*4.53E+14*
1001	Russell Creek	4.38E+12	3.07E+12	2.84E+11	2.84E+11	1.98E+12	0.00E+00	2.25E+13	6.76E+12
1004	Davis Creek	9.37E+12	6.56E+12	8.11E+11	8.11E+11	6.74E+13	0.00E+00	1.23E+13	8.62E+12
1006	Booten Creek	3.46E+12	2.42E+12	1.53E+11	1.53E+11	1.52E+13	0.00E+00	6.68E+11	4.68E+11
1008	Mill Creek	7.13E+12	4.99E+12	2.57E+11	2.57E+11	2.70E+13	0.00E+00	4.51E+12	3.16E+12
1010	Lower Tom Creek	7.94E+12	5.56E+12	6.76E+11	6.76E+11	3.31E+13	0.00E+00	4.43E+12	3.10E+12
1012	Heath Creek	7.91E+12	5.54E+12	5.86E+11	5.86E+11	4.39E+13	0.00E+00	5.28E+12	3.69E+12
1014	Merritt Creek	7.86E+12	5.50E+12	7.17E+11	7.17E+11	3.82E+13	0.00E+00	6.06E+12	4.24E+12
1016	Cavill Creek	4.91E+12	3.44E+12	4.24E+11	4.24E+11	1.75E+13	0.00E+00	6.66E+11	4.66E+11
1019	Twomile Creek	3.97E+12	2.78E+12	4.79E+11	4.79E+11	8.61E+11	0.00E+00	6.30E+12	4.41E+12
1021	Falls Creek	7.86E+12	5.50E+12	7.03E+11	7.03E+11	1.83E+13	0.00E+00	9.33E+11	6.53E+11
1023	Onemile Creek	4.33E+12	3.03E+12	9.42E+11	9.42E+11	1.51E+13	0.00E+00	1.33E+12	9.28E+11
1025	Twomile Creek	3.00E+12	2.10E+12	8.79E+11	8.79E+11	1.03E+13	0.00E+00	1.11E+12	7.77E+11
1027	Fourmile Creek	2.18E+13	1.53E+13	5.22E+12	5.22E+12	1.18E+14	0.00E+00	2.17E+12	1.52E+12
1029	Sixmile Creek	1.42E+12	9.95E+11	1.24E+12	1.24E+12	1.30E+13	0.00E+00	1.47E+11	1.03E+11
1031	Ninemile Creek	4.03E+12	2.82E+12	2.37E+12	2.37E+12	2.56E+13	0.00E+00	0.00E+00	0.00E+00
1033	Tenmile Creek	7.67E+12	5.37E+12	2.88E+12	2.88E+12	6.22E+13	0.00E+00	5.78E+11	4.05E+11
1035	Furnett Creek	5.02E+10	3.52E+10	6.14E+11	6.14E+11	6.58E+12	0.00E+00	0.00E+00	0.00E+00
1037	Fourteenmile Creek	9.33E+12	6.53E+12	3.44E+12	3.44E+12	7.72E+13	0.00E+00	7.04E+11	4.93E+11
1043	Aarons Creek	6.38E+11	4.47E+11	5.51E+11	5.51E+11	5.96E+12	0.00E+00	0.00E+00	0.00E+00
1046	Sand Creek	3.60E+11	2.52E+11	7.61E+11	7.61E+11	2.16E+13	0.00E+00	0.00E+00	0.00E+00
1048	Little Harts Creek	2.20E+12	1.54E+12	1.26E+12	1.26E+12	3.69E+13	0.00E+00	2.42E+11	1.69E+11
1056	Green Shoals Branch	6.12E+11	4.29E+11	4.33E+11	4.33E+11	1.26E+13	0.00E+00	1.58E+11	1.11E+11
1060	Crawley Creek	3.36E+12	2.35E+12	3.05E+12	3.05E+12	1.12E+14	0.00E+00	6.50E+11	4.55E+11
1066	Mill Creek	4.47E+11	3.13E+11	1.23E+12	1.23E+12	4.07E+13	0.00E+00	6.08E+11	4.25E+11
1400	Limestone Branch	5.15E+11	3.61E+11	2.93E+11	2.93E+11	8.84E+12	0.00E+00	0.00E+00	0.00E+00
1600	Godby Branch	3.81E+11	2.67E+11	2.55E+11	2.55E+11	8.95E+12	0.00E+00	7.90E+10	5.53E+10
1700	Buffalo Creek	9.73E+10	6.81E+10	9.52E+11	9.52E+11	3.37E+13	0.00E+00	3.46E+11	2.42E+11