11.02 Appendix B – Other Data Sources

(a) IDNR – Division of Reclamation

AML Water Quality Databas

AML Site: 405

Site Samples Data Sheet - Ad Hoc Report

Minnehaha

Point I	Sample Date	Sampling Organization	Flow Qual.	Flow GPM	SO4	Al	Mn	Pb	Fe	TDS	TSS	Acidity	Alkalinit
405A	7/27/2006	DOR	Low		1800	<0.100	6.61		0.323	1660	<5.00	12.0	160
	10/6/2006	DOR	High			<0.100	1.53		0.690	1420	<6.00		
	1/23/2007	DOR	Normal		644	1.43	2.11		11.0	1040	38	11.0	110
	7/24/2007	DOR	Low		1110	<0.100	1.04		0.170	1630	<5.00	27.4	
	1/15/2008	DOR	Normal		788	1.130	2.3600		7.92	1376	32	BDL	79
	4/23/2008	DOR	Normal		1048	0.06	7.56		89.68	1683	19	50	104
	7/15/2008	DOR	Normal		242	0.80	1.91		4.08	1479	5	45	113
	10/7/2008	DOR	Normal		1124	.14	1.24		.25	2068	7	BDL	209
405B	7/27/2006	DOR	Low		850	<0.100	0.217		0.299	926	<5.00	12.0	130
	10/6/2006	DOR	High			<0.100	0.0806		0.236	412	<6.00		
	1/23/2007	DOR	Normal		104	0.560	0.197		0.831	326	18	<10.0	104
	7/24/2007	DOR	Low		620	0.157	0.457		0.504	986	18.0	24.5	
	1/15/2008	DOR	Normal		147	1.290	0.2600		1.16	436	19	BDL	94
	4/23/2008	DOR	Normal		1168	0.65	9.21		40.24	792	12	BDL	130
	7/15/2008	DOR	Normal		44	0.87	0.18		1.16	519	19	BDL	106
	10/7/2008	DOR	Normal		593	BDL	.18		.17	1187	1	BDL	235
405C	7/27/2006	DOR	Low		1410	0.213	1.62		5.50	1370	17.0	14.0	90.0
	1/23/2007	DOR	Normal		240	0.868	0.746		3.59	504	25	<10.0	110
	7/24/2007	DOR	Low		855	<0.100	0.801		1.44	1550	12.0	20.5	
	1/15/2008	DOR	Normal		367	0.990	0.7100		2.12	736	16	BDL	100
	4/23/2008	DOR	Normal		1095	87.01	13.87		78.13	1201	9	BDL	133
	7/15/2008	DOR	Normal		77	0.92	0.41		1.25	640	8	BDL	95
	10/7/2008	DOR	Normal		863	.24	.82		1.44	1632	20	BDL	207

Indiana Division of Reclamation
Abandoned Mine Lands Program

Site Samples Data Sheet Page 1 of 2
Tuesday, January 06, 2009

AML Water Quality Databas

AML Site: 405

Site Samples Data Sheet - Ad Hoc Report

Minnehaha

Point I	Sample Date	Sampling Organization	Flow Qual.	Flow GPM	SO4	Al	Mn	Pb	Fe	TDS	TSS	Acidity	Alkalinit

The Site Samples Data Sheet displays common water quality parameters sampled by DOR at water sampling points. Contact AML personnel for information regarding other types of sample parameters. A blank field indicates that the parameter was not sampled on a given date. Note that if the flow is recorded as "None" for a given date, all other sample parameters will be blank.

AML Water Quality Databas

Site Samples Data Sheet - Ad Hoc Report

AML Site: 931
Big Bertha

Point I	Sample Date	Sampling Organization	Flow Qual.	Flow GPM	SO4	Al	Mn	Pb	Fe	TDS	TSS	Acidity	Alkalinit
931A	4/13/2004	DOR	Normal		672	0.164	1.20		1.64	1120	7	<10	110
	7/7/2004	DOR	Low		548	<0.10	1.12		0.895	1540	5	<10	140
	10/5/2004	DOR	Low		1270	<0.10	1.99		2.52	2150	5	20	190
	1/31/2005	DOR	Normal		850	1.03	1.48		1.40	1260	7	25	115
	4/25/2005	DOR	Normal		245	<0.10	1.25		0.92	1210	7	<10	110
	7/18/2005	DOR	Low		788	<0.10	1.61		1.05	1760	<5	23	118
	10/20/2005	DOR	Low		874		1.69		2.18	1690	14	25	140
	1/18/2006	DOR	High		701	0.29	0.454		0.87	623	12	<10	80
	4/25/2006	DOR	Normal		950	0.13	0.825		0.61	1260	5	<10	130
	7/27/2006	DOR	Low		1360	<0.100	1.34		1.58	1330	6.00	22.0	135
	10/6/2006	DOR	Normal		555	0.187	0.946		4.25	706	13.9		85.0
	7/24/2007	DOR	Low		1330	<0.100	2.72		1.60	2030	6.50	24.5	
	4/23/2008	DOR	Normal		696	0.17	0.96		1.06	1417	4	BDL	124
	10/7/2008	DOR	Normal		985	BDL	2.19		1.42	1899	11	BDL	222
931B	4/13/2004	DOR	Normal		1090	4.34	3.74		48.4	1670	60	73	26
	7/7/2004	DOR	Low		1660	1.59	3.03		26.3	1820	37	43	30
	10/5/2004	DOR	Low		1810	36.8	8.61		69.8	2900	20	385	<10
	1/31/2005	DOR	Normal		1070	4.08	2.78		33.6	1520	61	99	99
	4/25/2005	DOR	Normal		473	1.66	2.87		31.0	1510	44	<10	70
	7/18/2005	DOR	Low		584	<0.10	1.94		2.80	1910	<5	17	130
	10/20/2005	DOR	Low		658		3.90		11.8	2080	25	26	120
	1/18/2006	DOR	High		839	1.64	1.04		10.0	720	39	22	53
	4/25/2006	DOR	Normal		1080	2.23	2.14		25.6	1550	60	25	75

AML Water Quality Databas

AML Site: 931

Site Samples Data Sheet - Ad Hoc Report

Big Bertha

Point I	Sample Date	Sampling Organization	Flow Qual.	Flow GPM	SO4	Al	Mn	Pb	Fe	TDS	TSS	Acidity	Alkalinit
931B	7/27/2006	DOR	Low		1430	0.248	2.48		8.16	1770	21.0	20.0	180
	10/6/2006	DOR	Normal		1050	0.327	2.57		9.32	1320	20.9		145
	7/24/2007	DOR	Low		1240	<0.100	2.85		5.97	1920	21.0	19.6	
	4/23/2008	DOR	Normal		843	2.02	2.35		17.30	1769	32	220	72
	10/7/2008	DOR	Normal		1175	.15	3.01			2240	10	340	245
931C	10/5/2004	DOR	Normal		28800	278	21.5		483	46000	116	25000	<10
	7/18/2005	DOR	Normal		533	0.217	0.422		0.485	1780	7	17	120
	7/27/2006	DOR	Low		1370	1.28	9.80		9.62	45.0	54.0	40.0	210
	10/6/2006	DOR	Normal			<0.100	9.33		2.68	1560	8.64		
	7/24/2007	DOR	Low		1070	<0.100	13.0		7.05	1890	18.0	22.5	
	4/23/2008	DOR	Normal		784	0.07	7.63		3.82	1728	16	BDL	233
	10/7/2008	DOR	Normal		1126	1.58	21.59		62.46	1580	280	240	271
931D	7/27/2006	DOR	Low		1650	0.262	1.59		0.854	11700	12.0	17.0	150
	10/6/2006	DOR	Normal		1160	<0.100	2.03		0.153	1510	<6.00		135
	7/24/2007	DOR	Low		1200	<0.100	2.00		0.271	1900	<5.00	24.5	
	4/23/2008	DOR	Normal		847	0.23	4.78		0.52	1823	7	BDL	143
	10/7/2008	DOR	Normal		1082	.15	1.48		.33	1999	1	BDL	203
931E	7/27/2006	DOR	Low		1340	0.263	1.79		3.00	1760	14.0	17.0	170
	10/6/2006	DOR	Normal			<0.100	1.92		3.52	1490	9.66		
	4/23/2008	DOR	Normal		915	1.70	2.90		13.79	1781	40	165	91
	10/7/2008	DOR	Normal		1160	BDL	1.99		2.25	2063	1	BDL	218
931F	4/23/2008	DOR	Normal		1059	0.07	1.20		38.43	2250	56	BDL	203
	10/7/2008	DOR	Normal		1346	BDL	1.30		38.64	2236	48	310	295

Indiana Division of Reclamation
Abandoned Mine Lands Program

Site Samples Data Sheet Page 2 of 3
Tuesday, January 06, 2009

AML Water Quality Databas

AML Site: 931

Site Samples Data Sheet - Ad Hoc Report

Big Bertha

Point I	Sample Date	Sampling Organization	Flow Qual.	Flow GPM	SO4	Al	Mn	Pb	Fe	TDS	TSS	Acidity	Alkalinit

The Site Samples Data Sheet displays common water quality parameters sampled by DOR at water sampling points. Contact AML personnel for information regarding other types of sample parameters. A blank field indicates that the parameter was not sampled on a given date. Note that if the flow is recorded as "None" for a given date, all other sample parameters will be blank.

(b) NPDES Discharge

Violation Report

ALLOMATIC PRODUCTS CO. | **INP000149** | **Sullivan**

001 | **A** | **SULLIVAN STP (BUSSERON CR)**

Busseron Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
6/30/2006	1	Cyanide, total (as CN)	0.24	1.		8/4/2006	E90	0	11/1/2001	8/31/2006	GRAB	Semiannual	mg/L	MO AVG
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
7/31/2004	1	pH	9.	12.8		8/5/2004	E90	0	11/1/2001	8/31/2006	GRAB	Daily	SU	DAILY MX
5/31/2006	1	pH	6.	5.4		6/19/2006	E90	0	11/1/2001	8/31/2006	GRAB	Daily	SU	DAILY MN

KINDILL MINING - FARMERSBURG | **ING040062** | **Vigo**

027 | **A** | **BUSSERON CR, SPUNGE CR, & TURMAN CR**

West Fork Busseron Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
3/31/2004	1	Solids, settleable	0.5	4.		5/17/2004	E90	0	12/1/2002	11/30/2004	GRAB	Quarterly	mL/L	DAILY MX

CARLISLE MUNICIPAL WWTP | **IN0039837** | **Sullivan**

001 | **A** | **WABASH R/BUSSERON CR/UNNAMED DCH**

Busseron Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
10/31/2004	1	BOD, carbonaceous, 05 d	134.	636.		11/23/2004	E90	1	9/1/2003	8/31/2008	COMP24	Three Per Week	lb/d	MO AVG

COAL FIELD DEVELOPMENT HYMERA | **ING040198** | **Sullivan**

001 | **A** | **SULPHUR CREEK & BUSSERON CREEK**

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
4/30/2006	1	Solids, settleable	0.5	3.5		10/28/2007	E90	0	1/1/2004	12/31/2008	GRAB	Weekly	mL/L	DAILY MX

DUGGER WWTP, TOWN OF	IN0039322	Sullivan

001	A	OR/WABASH/BUSSERON/BUTTERMILK CREEK

Buttermilk Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
11/30/2004	1	BOD, carbonaceous, 05 d	16.6	27.9		12/21/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2005	1	BOD, carbonaceous, 05 d	14.3	29.		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2005	1	BOD, carbonaceous, 05 d	20.5	41.		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
1/31/2005	1	BOD, carbonaceous, 05 d	21.4	130.		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
4/30/2006	1	E. coli, colony forming unit	235.	249.5		5/25/2006	E90	1	7/1/2005	6/30/2010	GRAB	Twice Every Week	CFU/100mL	DAILY MX
5/31/2006	1	E. coli, colony forming unit	235.	2419.		6/29/2006	E90	1	7/1/2005	6/30/2010	GRAB	Twice Every Week	CFU/100mL	DAILY MX
7/31/2006	1	E. coli, colony forming unit	235.	248.1		8/28/2006	E90	1	7/1/2005	6/30/2010	GRAB	Twice Every Week	CFU/100mL	DAILY MX
10/31/2007	1	E. coli, colony forming unit	235.	1986.3		11/20/2007	E90	1	7/1/2005	6/30/2010	GRAB	Twice Every Week	CFU/100mL	DAILY MX
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
2/28/2003	1	Nitrogen, ammonia total (a	2.7	3.8		4/1/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
2/28/2003	1	Nitrogen, ammonia total (a	2.8	3.1		4/1/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2003	1	Nitrogen, ammonia total (a	1.8	5.512		5/2/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
3/31/2003	1	Nitrogen, ammonia total (a	1.9	4.49		5/2/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2003	1	Nitrogen, ammonia total (a	2.7	8.99		5/2/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2003	1	Nitrogen, ammonia total (a	2.8	9.18		5/2/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2003	1	Nitrogen, ammonia total (a	1.8	10.9		5/30/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2003	1	Nitrogen, ammonia total (a	1.9	5.7		5/30/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2003	1	Nitrogen, ammonia total (a	2.7	18.		5/30/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
4/30/2003	1	Nitrogen, ammonia total (a	2.8	9.		5/30/2003	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2003	1	Nitrogen, ammonia total (a	1.3	4.		7/8/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2003	1	Nitrogen, ammonia total (a	1.4	1.83		7/8/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2003	1	Nitrogen, ammonia total (a	1.9	14.8		7/8/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2003	1	Nitrogen, ammonia total (a	2.	6.38		7/8/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2003	1	Nitrogen, ammonia total (a	1.3	30.1		7/29/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2003	1	Nitrogen, ammonia total (a	1.4	19.7		7/29/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
6/30/2003	1	Nitrogen, ammonia total (a	1.9	66.5		7/29/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2003	1	Nitrogen, ammonia total (a	2.	32.3		7/29/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
7/31/2003	1	Nitrogen, ammonia total (a	1.3	3.08		8/11/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2003	1	Nitrogen, ammonia total (a	1.4	2.81		8/11/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
7/31/2003	1	Nitrogen, ammonia total (a	1.9	10.78		8/11/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2003	1	Nitrogen, ammonia total (a	2.	6.66		8/11/2003	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2004	1	Nitrogen, ammonia total (a	1.8	3.86		4/5/2004	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
3/31/2004	1	Nitrogen, ammonia total (a	1.9	3.25		4/5/2004	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2004	1	Nitrogen, ammonia total (a	2.7	7.05		4/5/2004	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2004	1	Nitrogen, ammonia total (a	2.8	5.78		4/5/2004	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2004	1	Nitrogen, ammonia total (a	1.8	3.12		5/11/2004	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2004	1	Nitrogen, ammonia total (a	2.7	3.95		5/11/2004	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2004	1	Nitrogen, ammonia total (a	1.3	3.8		6/16/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2004	1	Nitrogen, ammonia total (a	1.4	1.99		6/16/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2004	1	Nitrogen, ammonia total (a	1.9	4.3		6/16/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2004	1	Nitrogen, ammonia total (a	2.	2.37		6/16/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2004	1	Nitrogen, ammonia total (a	1.3	4.3		7/20/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2004	1	Nitrogen, ammonia total (a	1.4	3.03		7/20/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
6/30/2004	1	Nitrogen, ammonia total (a	1.9	5.		7/20/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2004	1	Nitrogen, ammonia total (a	2.	6.86		7/20/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
7/31/2004	1	Nitrogen, ammonia total (a	1.3	2.37		8/12/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2004	1	Nitrogen, ammonia total (a	1.4	1.96		8/12/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
7/31/2004	1	Nitrogen, ammonia total (a	1.9	2.61		8/12/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2004	1	Nitrogen, ammonia total (a	2.	4.41		8/12/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
8/31/2004	1	Nitrogen, ammonia total (a	1.3	2.1		9/2/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
8/31/2004	1	Nitrogen, ammonia total (a	1.9	2.3		9/2/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
9/30/2004	1	Nitrogen, ammonia total (a	1.3	1.47		10/1/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
9/30/2004	1	Nitrogen, ammonia total (a	1.9	1.95		10/1/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2004	1	Nitrogen, ammonia total (a	1.3	1.36		11/23/2004	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG

1/31/2005	1	Nitrogen, ammonia total (a	1.8	5.		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
1/31/2005	1	Nitrogen, ammonia total (a	1.9	14.7		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2005	1	Nitrogen, ammonia total (a	2.7	6.3		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
1/31/2005	1	Nitrogen, ammonia total (a	2.8	53.		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2005	1	Nitrogen, ammonia total (a	2.7	2.879		3/28/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2005	1	Nitrogen, ammonia total (a	2.7	2.9		4/22/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2005	1	Nitrogen, ammonia total (a	1.3	5.22		6/27/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2005	1	Nitrogen, ammonia total (a	1.4	2.42		6/27/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2005	1	Nitrogen, ammonia total (a	1.9	8.		6/27/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2005	1	Nitrogen, ammonia total (a	2.	3.22		6/27/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2005	1	Nitrogen, ammonia total (a	1.3	9.		7/26/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2005	1	Nitrogen, ammonia total (a	1.4	4.8		7/26/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
6/30/2005	1	Nitrogen, ammonia total (a	1.9	11.7		7/26/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2005	1	Nitrogen, ammonia total (a	2.	6.		7/26/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
7/31/2005	1	Nitrogen, ammonia total (a	1.3	7.03		8/24/2005	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2005	1	Nitrogen, ammonia total (a	1.36	3.66		8/24/2005	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MO AVG
7/31/2005	1	Nitrogen, ammonia total (a	1.9	8.85		8/24/2005	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2005	1	Nitrogen, ammonia total (a	1.98	4.64		8/24/2005	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	Nitrogen, ammonia total (a	1.8	2.		5/25/2006	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2006	1	Nitrogen, ammonia total (a	2.7	3.45		5/25/2006	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2006	1	Nitrogen, ammonia total (a	1.3	2.2		6/29/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2006	1	Nitrogen, ammonia total (a	1.36	1.54		6/29/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2006	1	Nitrogen, ammonia total (a	1.9	3.3		6/29/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2006	1	Nitrogen, ammonia total (a	1.98	2.76		6/29/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2006	1	Nitrogen, ammonia total (a	1.3	2.2		7/31/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2006	1	Nitrogen, ammonia total (a	1.9	2.45		7/31/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2006	1	Nitrogen, ammonia total (a	1.3	1.8		8/28/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2006	1	Nitrogen, ammonia total (a	1.9	2.		8/28/2006	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
4/30/2007	1	Nitrogen, ammonia total (a	1.8	2.34		5/30/2007	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2007	1	Nitrogen, ammonia total (a	1.88	1.97		5/30/2007	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2007	1	Nitrogen, ammonia total (a	2.7	3.4		5/30/2007	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
4/30/2007	1	Nitrogen, ammonia total (a	2.82	3.28		5/30/2007	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2007	1	Nitrogen, ammonia total (a	1.3	4.88		7/3/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2007	1	Nitrogen, ammonia total (a	1.36	2.66		7/3/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2007	1	Nitrogen, ammonia total (a	1.9	9.05		7/3/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2007	1	Nitrogen, ammonia total (a	1.98	3.54		7/3/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2007	1	Nitrogen, ammonia total (a	1.3	6.03		8/1/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2007	1	Nitrogen, ammonia total (a	1.36	1.79		8/1/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MO AVG
6/30/2007	1	Nitrogen, ammonia total (a	1.9	11.28		8/1/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2007	1	Nitrogen, ammonia total (a	1.98	3.75		8/1/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
6/30/2003	1	Oxygen, dissolved (DO)	6.	3.4		7/29/2003	E90	1	6/1/1998	4/30/2003	GRAB-2	Weekdays	mg/L	DAILY MN
1/31/2005	1	Oxygen, dissolved (DO)	5.	3.4		2/25/2005	E90	2	6/1/1998	4/30/2003	GRAB-2	Weekdays	mg/L	DAILY MN
5/31/2005	1	Oxygen, dissolved (DO)	6.	5.1		6/27/2005	E90	1	6/1/1998	4/30/2003	GRAB-2	Weekdays	mg/L	DAILY MN
6/30/2005	1	Oxygen, dissolved (DO)	6.	5.		7/26/2005	E90	1	6/1/1998	4/30/2003	GRAB-2	Weekdays	mg/L	DAILY MN
7/31/2005	1	Oxygen, dissolved (DO)	6.	5.		8/24/2005	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
8/31/2005	1	Oxygen, dissolved (DO)	6.	5.2		9/19/2005	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
4/30/2006	1	Oxygen, dissolved (DO)	5.	4.8		5/25/2006	E90	2	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
5/31/2006	1	Oxygen, dissolved (DO)	6.	4.6		6/29/2006	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
6/30/2006	1	Oxygen, dissolved (DO)	6.	5.5		7/31/2006	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
7/31/2006	1	Oxygen, dissolved (DO)	6.	5.9		8/28/2006	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
9/30/2006	1	Oxygen, dissolved (DO)	6.	5.8		11/1/2006	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
5/31/2007	1	Oxygen, dissolved (DO)	6.	4.8		7/3/2007	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
6/30/2007	1	Oxygen, dissolved (DO)	6.	4.4		8/1/2007	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
7/31/2007	1	Oxygen, dissolved (DO)	6.	0.4		8/30/2007	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
8/31/2007	1	Oxygen, dissolved (DO)	6.	5.		10/4/2007	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
9/30/2007	1	Oxygen, dissolved (DO)	6.	3.5		11/1/2007	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
10/31/2007	1	Oxygen, dissolved (DO)	6.	4.3		11/20/2007	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN
11/30/2007	1	Oxygen, dissolved (DO)	6.	5.		1/7/2008	E90	1	7/1/2005	6/30/2010	GRAB-2	Five Per Week	mg/L	DAILY MN

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
1/31/2005	1	Solids, total suspended	16.7	61.4		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2005	1	Solids, total suspended	25.	26.		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
1/31/2005	1	Solids, total suspended	26.1	219.		2/25/2005	E90	2	6/1/1998	4/30/2003	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2005	1	Solids, total suspended	19.	25.		7/26/2005	E90	1	6/1/1998	4/30/2003	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2005	1	Solids, total suspended	13.	16.7		8/24/2005	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2005	1	Solids, total suspended	19.	22.		8/24/2005	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2005	1	Solids, total suspended	19.8	23.7		8/24/2005	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2006	1	Solids, total suspended	25.	26.3		5/1/2006	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2006	1	Solids, total suspended	26.1	47.		5/1/2006	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	Solids, total suspended	26.1	32.5		5/25/2006	E90	2	7/1/2005	6/30/2010	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2007	1	Solids, total suspended	19.	28.		8/1/2007	E90	1	7/1/2005	6/30/2010	COMP24	Twice Every Week	mg/L	MX WK AV

BLACK BEAUTY COAL COMPANY - FARMERSBURG MINE BEAR RUN EAST | **ING040127** | **Sullivan**

011 **A** **KETTLE,MUD,BUTTERMILK,BUSSERON CRKS**

Mud Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
8/31/2005	1	Solids, total suspended	35.	36.		10/3/2005	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV

KINDALL MINING - FARMERSBURG MINE BEAR RUN EAST | **ING040127** | **Sullivan**

011 **A** **KETTLE,MUD,BUTTERMILK,BUSSERON CRKS**

Mud Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
2/28/2003	1	pH	9.	9.3		3/31/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
4/30/2003	1	pH	9.	9.1		5/30/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
7/31/2003	1	pH	9.	9.05		8/13/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
9/30/2003	1	pH	9.	9.5		10/29/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
10/31/2003	1	pH	9.	9.2		12/29/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
5/31/2004	1	pH	9.	9.08		7/1/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
6/30/2004	1	pH	9.	9.36		8/2/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
7/31/2004	1	pH	9.	9.66		8/28/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
8/31/2004	1	pH	9.	9.86		9/28/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
11/30/2004	1	pH	9.	9.23		1/21/2005	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
3/31/2005	1	pH	9.	9.5		4/28/2005	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
6/30/2004	1	Solids, total suspended	35.	38.		8/2/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV

013 **A** **KETTLE,MUD,BUTTERMILK,BUSSERON CRKS**

Buttermilk Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
3/31/2005	1	pH	9.	9.4		4/28/2005	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX

022 A KETTLE,MUD,BUTTERMILK,BUSSERON CRKS

Buttermilk Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
2/28/2003	1	pH	6.	0.03		3/31/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MN

029 A KETTLE,MUD,BUTTERMILK,BUSSERON CRKS

Busseron Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
3/31/2005	1	pH	9.	9.32		4/28/2005	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	SU	DAILY MX

030 A KETTLE,MUD,BUTTERMILK,BUSSERON CRKS

Buttermilk Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
1/31/2004	1	Solids, total suspended	35.	58.		3/8/2004	E90	0	9/1/2003	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV

BLACK BEAUTY COAL COMPANY - FARMERSBURG MINE BEAR RUN EAST PIT | ING040127 | Sullivan

004 A KETTLE,MUD,BUTTERMILK,BUSSERON CRKS

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
1/31/2007	1	Iron, total (as Fe)	3.	6.69		2/26/2007	E90	0	12/1/2006	1/31/2011	GRAB	Weekly	mg/L	DAILY AV
1/31/2007	1	Iron, total (as Fe)	6.	15.65		2/26/2007	E90	0	12/1/2006	1/31/2011	GRAB	Weekly	mg/L	DAILY MX
2/28/2007	1	Iron, total (as Fe)	3.	3.97		3/26/2007	E90	0	12/1/2006	1/31/2011	GRAB	Weekly	mg/L	DAILY AV
2/28/2007	1	Iron, total (as Fe)	6.	7.63		3/26/2007	E90	0	12/1/2006	1/31/2011	GRAB	Weekly	mg/L	DAILY MX
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
12/31/2007	1	Manganese, total (as Mn)	2.	2.06		2/1/2008	E90	0	12/1/2006	1/31/2011	GRAB	Weekly	mg/L	DAILY AV

030 A KETTLE,MUD,BUTTERMILK,BUSSERON CRKS

Buttermilk Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
11/30/2006	1	Iron, total (as Fe)	3.	10.2		12/28/2006	E90	0	2/1/2006	1/31/2011	GRAB	Twice Per Month	mg/L	DAILY AV
11/30/2006	1	Iron, total (as Fe)	6.	10.2		12/28/2006	E90	0	2/1/2006	1/31/2011	GRAB	Twice Per Month	mg/L	DAILY MX

KINDALL MINING - FARMERSBURG MINE BEAR RUN E PI | ING040128 | Sullivan

016 | A | BUTTERMILK CR, MIDDLE FORK CR, UNT

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
1/31/2003	1	Iron, total (as Fe)	3.	12.72		3/3/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
1/31/2003	1	Iron, total (as Fe)	6.	25.1		3/3/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX

018 | A | BUTTERMILK CR, MIDDLE FORK CR, UNT

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
5/31/2003	1	Solids, total suspended	35.	40.		7/8/2003	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
2/29/2004	1	Solids, total suspended	35.	105.		4/2/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
2/29/2004	1	Solids, total suspended	70.	105.		4/2/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
3/31/2004	1	Solids, total suspended	35.	99.		4/28/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
3/31/2004	1	Solids, total suspended	70.	111.		4/28/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
4/30/2004	1	Solids, total suspended	35.	69.		5/28/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
4/30/2004	1	Solids, total suspended	70.	95.		5/28/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
5/31/2004	1	Solids, total suspended	35.	56.5		7/1/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
5/31/2004	1	Solids, total suspended	70.	77.		7/1/2004	E90	0	1/1/2001	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX

022 | A | BUTTERMILK CR, MIDDLE FORK CR, UNT

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
1/31/2003	1	Iron, total (as Fe)	3.	3.33		3/3/2003	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
3/31/2003	1	Iron, total (as Fe)	3.	5.		5/13/2003	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
5/31/2003	1	Iron, total (as Fe)	3.	4.18		7/8/2003	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
12/31/2003	1	Iron, total (as Fe)	3.	7.1		2/3/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
12/31/2003	1	Iron, total (as Fe)	6.	7.1		2/3/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
1/31/2004	1	Iron, total (as Fe)	3.	23.05		3/8/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
1/31/2004	1	Iron, total (as Fe)	6.	26.51		3/8/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
6/30/2004	1	Iron, total (as Fe)	3.	6.02		8/2/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
6/30/2004	1	Iron, total (as Fe)	6.	10.7		8/2/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
1/31/2003	1	Solids, total suspended	35.	47.5		3/3/2003	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
1/31/2003	1	Solids, total suspended	70.	74.		3/3/2003	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
3/31/2003	1	Solids, total suspended	35.	64.		5/13/2003	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
5/31/2003	1	Solids, total suspended	35.	38.		7/8/2003	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
12/31/2003	1	Solids, total suspended	35.	77.5		2/3/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
12/31/2003	1	Solids, total suspended	70.	77.5		2/3/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
1/31/2004	1	Solids, total suspended	35.	231.2		3/8/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
1/31/2004	1	Solids, total suspended	70.	276.4		3/8/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX
2/29/2004	1	Solids, total suspended	35.	43.		4/4/2002	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
3/31/2004	1	Solids, total suspended	35.	46.5		4/28/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
6/30/2004	1	Solids, total suspended	35.	45.5		8/2/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY AV
6/30/2004	1	Solids, total suspended	70.	71.		8/2/2004	E90	0	3/1/2002	12/31/2005	GRAB	Twice Per Month	mg/L	DAILY MX

FARMERSBURG MUNICIPAL STP	IN0021148	Sullivan

001	A	BUSSERON CR (W FK) TO WABASH RIVER

West Fork Busseron Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
2/28/2003	1	BOD, carbonaceous, 05 da	18.8	22.774		3/31/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2003	1	BOD, carbonaceous, 05 da	18.8	20.437		4/28/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2003	1	BOD, carbonaceous, 05 da	10.	10.5		7/1/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2003	1	BOD, carbonaceous, 05 da	12.5	32.3		7/1/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2003	1	BOD, carbonaceous, 05 da	18.8	51.7		7/1/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
9/30/2003	1	BOD, carbonaceous, 05 da	12.5	15.7		10/21/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
9/30/2003	1	BOD, carbonaceous, 05 da	18.8	37.		10/21/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2003	1	BOD, carbonaceous, 05 da	12.5	24.9		12/5/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
11/30/2003	1	BOD, carbonaceous, 05 da	18.8	55.		12/5/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
12/31/2003	1	BOD, carbonaceous, 05 da	12.5	18.		1/23/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
12/31/2003	1	BOD, carbonaceous, 05 da	18.8	29.4		1/23/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2004	1	BOD, carbonaceous, 05 da	18.8	32.61		2/19/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2004	1	BOD, carbonaceous, 05 da	12.5	20.006		4/14/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2004	1	BOD, carbonaceous, 05 da	18.8	33.692		4/14/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2004	1	BOD, carbonaceous, 05 da	15.	20.3		7/8/2004	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2004	1	BOD, carbonaceous, 05 da	18.8	27.44		7/8/2004	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
7/31/2004	1	BOD, carbonaceous, 05 da	18.8	26.52		8/4/2004	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2004	1	BOD, carbonaceous, 05 da	18.8	20.5		12/6/2004	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2005	1	BOD, carbonaceous, 05 da	12.5	28.19		2/7/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2005	1	BOD, carbonaceous, 05 da	18.8	40.89		2/7/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2005	1	BOD, carbonaceous, 05 da	12.5	16.22		3/10/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2005	1	BOD, carbonaceous, 05 da	18.8	22.84		3/10/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2006	1	BOD, carbonaceous, 05 da	12.5	13.2		5/1/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2006	1	BOD, carbonaceous, 05 da	18.8	23.2		5/1/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	BOD, carbonaceous, 05 da	12.5	13.1		5/25/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2006	1	BOD, carbonaceous, 05 da	18.8	26.97		5/25/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2007	1	BOD, carbonaceous, 05 da	12.5	14.84		3/2/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2007	1	BOD, carbonaceous, 05 da	18.8	27.89		3/2/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2007	1	BOD, carbonaceous, 05 da	18.8	21.9		3/29/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2007	1	BOD, carbonaceous, 05 da	12.5	17.14		5/30/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2007	1	BOD, carbonaceous, 05 da	18.8	25.89		5/30/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2007	1	BOD, carbonaceous, 05 da	12.5	15.23		7/3/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2007	1	BOD, carbonaceous, 05 da	18.8	33.42		7/3/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2007	1	BOD, carbonaceous, 05 da	18.8	22.74		8/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
10/31/2007	1	BOD, carbonaceous, 05 da	12.5	19.4		11/20/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2007	1	BOD, carbonaceous, 05 da	18.8	45.8		11/20/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
5/31/2003	X	Chlorine, total residual	0.5	0.4		7/1/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MN
6/30/2003	1	Chlorine, total residual	0.06	0.07		7/23/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	MO AVG
6/30/2003	1	Chlorine, total residual	0.06	0.48		7/23/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MX
6/30/2003	X	Chlorine, total residual	0.5	0.31		7/23/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MN
7/31/2003	X	Chlorine, total residual	0.5	0.31		8/18/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MN
8/31/2003	1	Chlorine, total residual	0.06	0.63		9/30/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MX
8/31/2003	X	Chlorine, total residual	0.5	0.01		9/30/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MN
8/31/2003	X	Chlorine, total residual	1.	2.2		9/30/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MX
9/30/2003	1	Chlorine, total residual	0.06	0.23		10/21/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MX
9/30/2003	X	Chlorine, total residual	0.5	0.01		10/21/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MN
9/30/2003	X	Chlorine, total residual	1.	1.1		10/21/2003	E90	1	4/1/1999	2/28/2004	GRAB	Weekdays	mg/L	DAILY MX
7/31/2004	1	Chlorine, total residual	0.06	0.36		8/4/2004	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	MO AVG
7/31/2004	1	Chlorine, total residual	0.06	0.8		8/4/2004	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
7/31/2004	X	Chlorine, total residual	0.5	0.03		8/4/2004	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
8/31/2005	1	Chlorine, total residual	0.06	0.11		9/21/2005	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
8/31/2005	X	Chlorine, total residual	0.5	0.		9/21/2005	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN

9/30/2005	X	Chlorine, total residual	0.5	0.		10/21/2005	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
10/31/2005	1	Chlorine, total residual	0.06	0.11		11/23/2005	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
10/31/2005	X	Chlorine, total residual	0.5	0.		11/23/2005	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
4/30/2006	1	Chlorine, total residual	0.06	0.15		5/25/2006	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
4/30/2006	X	Chlorine, total residual	0.5	0.2		5/25/2006	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
5/31/2006	1	Chlorine, total residual	0.06	0.12		6/29/2006	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
6/30/2006	X	Chlorine, total residual	0.5	0.41		7/31/2006	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
9/30/2006	1	Chlorine, total residual	0.06	0.16		11/1/2006	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
4/30/2007	1	Chlorine, total residual	0.06	0.11		5/30/2007	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
4/30/2007	X	Chlorine, total residual	0.5	0.42		5/30/2007	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
6/30/2007	X	Chlorine, total residual	0.5	0.		8/1/2007	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
7/31/2007	1	Chlorine, total residual	0.06	1.01		8/30/2007	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MX
9/30/2007	X	Chlorine, total residual	0.5	0.		11/1/2007	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
10/31/2007	X	Chlorine, total residual	0.5	0.		11/20/2007	E90	1	6/1/2004	5/31/2009	GRAB	Weekdays	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
9/30/2004	1	E. coli, colony forming unit	235.	2419.		10/9/2004	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
10/31/2004	1	E. coli, colony forming unit	235.	2419.2		11/8/2004	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
7/31/2005	1	E. coli, colony forming unit	235.	913.9		8/28/2005	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
9/30/2005	1	E. coli, colony forming unit	125.	172.		10/21/2005	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
4/30/2006	1	E. coli, colony forming unit	235.	435.2		5/25/2006	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
5/31/2006	1	E. coli, colony forming unit	125.	132.		6/29/2006	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
5/31/2006	1	E. coli, colony forming unit	235.	1299.		6/29/2006	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
9/30/2006	1	E. coli, colony forming unit	235.	2419.6		11/1/2006	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
4/30/2007	1	E. coli, colony forming unit	125.	140.		5/30/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
4/30/2007	1	E. coli, colony forming unit	235.	2419.6		5/30/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
5/31/2007	1	E. coli, colony forming unit	125.	161.		7/3/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
5/31/2007	1	E. coli, colony forming unit	235.	1011.2		7/3/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
6/30/2007	1	E. coli, colony forming unit	125.	128.		8/1/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
6/30/2007	1	E. coli, colony forming unit	235.	1101.2		8/1/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
7/31/2007	1	E. coli, colony forming unit	235.	2419.6		8/30/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
9/30/2007	1	E. coli, colony forming unit	235.	1986.		11/1/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
10/31/2007	1	E. coli, colony forming unit	235.	2419.6		11/20/2007	E90	0	6/1/2004	5/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
3/31/2003	1	Nitrogen, ammonia total (a	2.9	3.6966		4/24/2003	E90	2	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2003	1	Nitrogen, ammonia total (a	1.5	2.37		5/20/2003	E90	2	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2003	1	Nitrogen, ammonia total (a	1.9	2.925		5/20/2003	E90	2	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2003	1	Nitrogen, ammonia total (a	2.3	4.845		5/20/2003	E90	2	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
4/30/2003	1	Nitrogen, ammonia total (a	2.9	5.195		5/20/2003	E90	2	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2003	1	Nitrogen, ammonia total (a	1.3	1.98		12/5/2003	E90	1	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2004	1	Nitrogen, ammonia total (a	1.9	2.43		4/14/2004	E90	2	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2004	1	Nitrogen, ammonia total (a	2.9	4.3		4/14/2004	E90	2	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
10/31/2004	1	Nitrogen, ammonia total (a	1.3	1.4		11/8/2004	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2004	1	Nitrogen, ammonia total (a	2.	3.6		11/8/2004	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2005	1	Nitrogen, ammonia total (a	1.9	2.77		2/7/2005	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2005	1	Nitrogen, ammonia total (a	2.9	6.18		2/7/2005	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2005	1	Nitrogen, ammonia total (a	2.	2.3		12/30/2005	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2006	1	Nitrogen, ammonia total (a	1.9	5.5		5/1/2006	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2006	1	Nitrogen, ammonia total (a	2.3	3.2		5/1/2006	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2006	1	Nitrogen, ammonia total (a	2.9	9.7		5/1/2006	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	Nitrogen, ammonia total (a	1.9	2.5		5/25/2006	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2006	1	Nitrogen, ammonia total (a	2.9	5.3		5/25/2006	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2007	1	Nitrogen, ammonia total (a	1.9	4.98		3/2/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2007	1	Nitrogen, ammonia total (a	2.3	2.74		3/2/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
1/31/2007	1	Nitrogen, ammonia total (a	2.9	11.01		3/2/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2007	1	Nitrogen, ammonia total (a	1.9	4.04		3/29/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2007	1	Nitrogen, ammonia total (a	2.3	2.55		3/29/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
2/28/2007	1	Nitrogen, ammonia total (a	2.9	6.81		3/29/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2007	1	Nitrogen, ammonia total (a	1.9	3.02		5/2/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2007	1	Nitrogen, ammonia total (a	2.9	3.86		5/2/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2007	1	Nitrogen, ammonia total (a	1.9	2.4		5/30/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2007	1	Nitrogen, ammonia total (a	2.9	6.16		5/30/2007	E90	2	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2007	1	Nitrogen, ammonia total (a	1.3	1.86		7/3/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2007	1	Nitrogen, ammonia total (a	1.6	3.15		7/3/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2007	1	Nitrogen, ammonia total (a	2.	2.46		7/3/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV

6/30/2007	1	Nitrogen, ammonia total (a	1.6	1.76		8/1/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
8/31/2007	1	Nitrogen, ammonia total (a	1.1	2.19		10/4/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
8/31/2007	1	Nitrogen, ammonia total (a	1.6	4.68		10/4/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
8/31/2007	1	Nitrogen, ammonia total (a	2.	3.16		10/4/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
9/30/2007	1	Nitrogen, ammonia total (a	1.6	1.66		11/1/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2007	1	Nitrogen, ammonia total (a	1.1	1.21		11/20/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
10/31/2007	1	Nitrogen, ammonia total (a	1.3	6.83		11/20/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2007	1	Nitrogen, ammonia total (a	1.6	2.59		11/20/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2007	1	Nitrogen, ammonia total (a	2.	18.79		11/20/2007	E90	1	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
6/30/2003	1	Oxygen, dissolved (DO)	6.	4.3		7/23/2003	E90	1	4/1/1999	2/28/2004	GRAB-2	Weekdays	mg/L	DAILY MN
7/31/2003	1	Oxygen, dissolved (DO)	6.	3.4		8/18/2003	E90	1	4/1/1999	2/28/2004	GRAB-2	Weekdays	mg/L	DAILY MN
8/31/2003	1	Oxygen, dissolved (DO)	6.	3.2		9/30/2003	E90	1	4/1/1999	2/28/2004	GRAB-2	Weekdays	mg/L	DAILY MN
9/30/2003	1	Oxygen, dissolved (DO)	6.	4.6		10/21/2003	E90	1	4/1/1999	2/28/2004	GRAB-2	Weekdays	mg/L	DAILY MN
6/30/2006	1	Oxygen, dissolved (DO)	6.	0.4		7/31/2006	E90	1	6/1/2004	5/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
10/31/2006	1	Oxygen, dissolved (DO)	6.	4.4		11/30/2006	E90	1	6/1/2004	5/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
6/30/2007	1	Oxygen, dissolved (DO)	6.	2.9		8/1/2007	E90	1	6/1/2004	5/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
7/31/2007	1	Oxygen, dissolved (DO)	6.	1.6		8/30/2007	E90	1	6/1/2004	5/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
8/31/2007	1	Oxygen, dissolved (DO)	6.	2.6		10/4/2007	E90	1	6/1/2004	5/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
10/31/2007	1	Oxygen, dissolved (DO)	6.	0.		11/20/2007	E90	1	6/1/2004	5/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
2/29/2004	1	pH	9.	9.6		3/4/2004	E90	0	4/1/1999	2/28/2004	GRAB	Weekdays	SU	MAXIMUM
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
4/30/2003	1	Solids, total suspended	10.	13.22		5/20/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2003	1	Solids, total suspended	12.5	17.69		5/20/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2003	1	Solids, total suspended	15.	24.8		5/20/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
4/30/2003	1	Solids, total suspended	18.8	44.09		5/20/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2003	1	Solids, total suspended	10.	12.41		7/1/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2003	1	Solids, total suspended	12.5	47.66		7/1/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2003	1	Solids, total suspended	15.	44.2		7/1/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2003	1	Solids, total suspended	18.8	197.3		7/1/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
8/31/2003	1	Solids, total suspended	15.	23.		9/30/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
8/31/2003	1	Solids, total suspended	18.8	33.2		9/30/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
9/30/2003	1	Solids, total suspended	10.	16.7		10/21/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
9/30/2003	1	Solids, total suspended	12.5	36.2		10/21/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
9/30/2003	1	Solids, total suspended	15.	47.		10/21/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
9/30/2003	1	Solids, total suspended	18.8	120.02		10/21/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
10/31/2003	1	Solids, total suspended	10.	14.8		11/14/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
10/31/2003	1	Solids, total suspended	12.5	17.3		11/14/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2003	1	Solids, total suspended	15.	28.		11/14/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2003	1	Solids, total suspended	18.8	38.8		11/14/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2003	1	Solids, total suspended	10.	19.		12/5/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
11/30/2003	1	Solids, total suspended	12.5	59.4		12/5/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
11/30/2003	1	Solids, total suspended	15.	80.7		12/5/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
11/30/2003	1	Solids, total suspended	18.8	239.1		12/5/2003	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
12/31/2003	1	Solids, total suspended	10.	24.5		1/23/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
12/31/2003	1	Solids, total suspended	12.5	76.2		1/23/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
12/31/2003	1	Solids, total suspended	15.	51.1		1/23/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
12/31/2003	1	Solids, total suspended	18.8	154.3		1/23/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2004	1	Solids, total suspended	10.	15.5		2/19/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
1/31/2004	1	Solids, total suspended	12.5	22.75		2/19/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2004	1	Solids, total suspended	15.	39.		2/19/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
1/31/2004	1	Solids, total suspended	18.8	154.26		2/19/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
2/29/2004	1	Solids, total suspended	12.5	17.		3/4/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
2/29/2004	1	Solids, total suspended	15.	17.9		3/4/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
2/29/2004	1	Solids, total suspended	18.8	23.		3/4/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2004	1	Solids, total suspended	10.	22.7		4/14/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MO AVG
3/31/2004	1	Solids, total suspended	12.5	64.824		4/14/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2004	1	Solids, total suspended	15.	41.3		4/14/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2004	1	Solids, total suspended	18.8	128.81		4/14/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2004	1	Solids, total suspended	18.8	18.9		5/5/2004	E90	0	4/1/1999	2/28/2004	COMP24	Twice Every Week	lb/d	MX WK AV
10/31/2004	1	Solids, total suspended	18.8	21.2		11/8/2004	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
12/31/2004	1	Solids, total suspended	12.5	14.1		1/3/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
12/31/2004	1	Solids, total suspended	18.8	24.6		1/3/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV

1/31/2005	1	Solids, total suspended	10.	11.		2/7/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
1/31/2005	1	Solids, total suspended	12.5	51.25		2/7/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2005	1	Solids, total suspended	15.	19.95		2/7/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
1/31/2005	1	Solids, total suspended	18.8	110.5		2/7/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2005	1	Solids, total suspended	18.8	19.5		5/3/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2005	1	Solids, total suspended	18.8	33.3		7/5/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
9/30/2005	1	Solids, total suspended	10.	10.9		10/21/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
10/31/2005	1	Solids, total suspended	10.	16.9		11/23/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
10/31/2005	1	Solids, total suspended	12.5	15.35		11/23/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2005	1	Solids, total suspended	15.	20.		11/23/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2005	1	Solids, total suspended	18.8	20.41		11/23/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2005	1	Solids, total suspended	10.	11.2		12/30/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
11/30/2005	1	Solids, total suspended	12.5	16.1		12/30/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
11/30/2005	1	Solids, total suspended	15.	17.75		12/30/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
11/30/2005	1	Solids, total suspended	18.8	37.1		12/30/2005	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2006	1	Solids, total suspended	12.5	14.7		2/9/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2006	1	Solids, total suspended	12.5	18.2		3/29/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2006	1	Solids, total suspended	18.8	42.2		3/29/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2006	1	Solids, total suspended	10.	13.3		5/1/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
3/31/2006	1	Solids, total suspended	12.5	27.4		5/1/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2006	1	Solids, total suspended	15.	33.5		5/1/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2006	1	Solids, total suspended	18.8	66.9		5/1/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	Solids, total suspended	12.5	19.		5/25/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2006	1	Solids, total suspended	18.8	35.2		5/25/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2006	1	Solids, total suspended	18.8	23.18		7/31/2006	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2007	1	Solids, total suspended	18.8	25.5		3/2/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2007	1	Solids, total suspended	18.8	26.6		3/29/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2007	1	Solids, total suspended	12.5	16.52		5/2/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2007	1	Solids, total suspended	18.8	35.66		5/2/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2007	1	Solids, total suspended	12.5	18.95		5/30/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2007	1	Solids, total suspended	18.8	26.63		5/30/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2007	1	Solids, total suspended	12.5	13.4		7/3/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2007	1	Solids, total suspended	18.8	24.4		7/3/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2007	1	Solids, total suspended	10.	13.2		8/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2007	1	Solids, total suspended	12.5	16.5		8/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
6/30/2007	1	Solids, total suspended	15.	20.25		8/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2007	1	Solids, total suspended	18.8	40.79		8/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
7/31/2007	1	Solids, total suspended	15.	16.75		8/30/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
9/30/2007	1	Solids, total suspended	10.	12.4		11/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
9/30/2007	1	Solids, total suspended	15.	28.		11/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
9/30/2007	1	Solids, total suspended	18.8	23.77		11/1/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
10/31/2007	1	Solids, total suspended	10.	11.8		11/20/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
10/31/2007	1	Solids, total suspended	12.5	31.43		11/20/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2007	1	Solids, total suspended	15.	18.5		11/20/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2007	1	Solids, total suspended	18.8	68.29		11/20/2007	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2007	1	Solids, total suspended	10.	17.		1/7/2008	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
11/30/2007	1	Solids, total suspended	12.5	18.7		1/7/2008	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
11/30/2007	1	Solids, total suspended	15.	29.5		1/7/2008	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
11/30/2007	1	Solids, total suspended	18.8	34.5		1/7/2008	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
12/31/2007	1	Solids, total suspended	12.5	13.2		1/30/2008	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
12/31/2007	1	Solids, total suspended	18.8	24.1		1/30/2008	E90	0	6/1/2004	5/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV

GLENDORA TEST FACILITY | IN0059633 | Sullivan

001 | A | BUSSERON CR VIA UNNAMED DITCH

Morrison Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
12/31/2003	1	Aluminum, total recoverab	0.399	0.679		1/26/2004	E90	0	5/1/1998	1/31/2003	GRAB	Semiannual	mg/L	DAILY MX
6/30/2005	1	Aluminum, total recoverab	0.399	0.41		7/28/2005	E90	0	5/1/1998	1/31/2003	GRAB	Semiannual	mg/L	DAILY MX

HIAWATHA INDIANA DIESEL HOUSE | IN0002119 | Greene

001 | A | BUSSERON CR VIA BIG BR VIA QUEEN LK

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
3/31/2004	1	Oil & grease	15.	34.		4/16/2004	E90	0	1/1/2004	12/31/2008	GRAB-4	Monthly	mg/L	DAILY MX
12/31/2004	1	Oil & grease	15.	98.		1/11/2005	E90	0	1/1/2004	12/31/2008	GRAB-4	Monthly	mg/L	DAILY MX
4/30/2006	1	Oil & grease	15.	19.		5/12/2006	E90	0	1/1/2004	12/31/2008	GRAB-4	Monthly	mg/L	DAILY MX

HYMERA MUNICIPAL STP | IN0040134 | Sullivan

001 | A | BUSSERON CR VIA SULPHUR CREEK

Sulphur Creek

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
4/30/2003	1	BOD, carbonaceous, 05 da	10.	19.32		5/29/2003	E90	0	3/1/1999	12/31/2003	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2003	1	BOD, carbonaceous, 05 da	15.	45.95		5/29/2003	E90	0	3/1/1999	12/31/2003	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2005	1	BOD, carbonaceous, 05 da	15.	15.11		7/28/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
1/31/2006	1	BOD, carbonaceous, 05 da	20.9	44.		3/2/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2006	1	BOD, carbonaceous, 05 da	31.3	71.3		3/2/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2006	1	BOD, carbonaceous, 05 da	20.9	28.4		3/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2006	1	BOD, carbonaceous, 05 da	31.3	44.2		3/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2006	1	BOD, carbonaceous, 05 da	20.9	39.1		5/1/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2006	1	BOD, carbonaceous, 05 da	31.3	119.8		5/1/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	BOD, carbonaceous, 05 da	20.9	32.9		5/25/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2006	1	BOD, carbonaceous, 05 da	31.3	43.8		5/25/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
5/31/2006	1	BOD, carbonaceous, 05 da	20.9	25.2		6/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2006	1	BOD, carbonaceous, 05 da	31.3	32.9		6/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2006	1	BOD, carbonaceous, 05 da	31.3	32.15		7/31/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
12/31/2007	1	BOD, carbonaceous, 05 da	10.	24.4		1/30/2008	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
12/31/2007	1	BOD, carbonaceous, 05 da	15.	49.4		1/30/2008	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
5/31/2004	1	Chlorine, total residual	0.06	0.08		6/28/2004	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
6/30/2004	1	Chlorine, total residual	0.06	0.07		7/26/2004	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
8/31/2004	1	Chlorine, total residual	0.06	0.08		9/28/2004	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
9/30/2004	1	Chlorine, total residual	0.06	0.08		10/28/2004	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
10/31/2004	1	Chlorine, total residual	0.06	0.09		11/29/2004	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
4/30/2005	1	Chlorine, total residual	0.06	0.08		5/27/2005	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
5/31/2005	1	Chlorine, total residual	0.06	0.08		6/27/2005	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
7/31/2005	1	Chlorine, total residual	0.06	0.07		8/29/2005	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
10/31/2005	1	Chlorine, total residual	0.06	0.16		11/23/2005	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
10/31/2005	X	Chlorine, total residual	0.5	0.		11/23/2005	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN

4/30/2006	1	Chlorine, total residual	0.06	0.11		5/25/2006	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
4/30/2006	X	Chlorine, total residual	0.5	0.3		5/25/2006	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
5/31/2006	X	Chlorine, total residual	0.5	0.01		6/29/2006	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
7/31/2006	X	Chlorine, total residual	0.5	0.13		8/28/2006	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
4/30/2007	1	Chlorine, total residual	0.06	0.08		5/30/2007	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	MO AVG
4/30/2007	1	Chlorine, total residual	0.06	1.45		5/30/2007	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MX
4/30/2007	X	Chlorine, total residual	0.5	0.		5/30/2007	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
5/31/2007	X	Chlorine, total residual	0.5	0.44		7/3/2007	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
6/30/2007	X	Chlorine, total residual	0.5	0.		8/1/2007	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
9/30/2007	X	Chlorine, total residual	0.5	0.		11/1/2007	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
10/31/2007	X	Chlorine, total residual	0.5	0.		11/20/2007	E90	1	4/1/2004	3/31/2009	GRAB	Weekdays	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
4/30/2004	1	E. coli, colony forming unit	125.	269.		5/28/2004	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
4/30/2004	1	E. coli, colony forming unit	235.	1125.		5/28/2004	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
5/31/2004	1	E. coli, colony forming unit	125.	166.8		6/28/2004	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
5/31/2004	1	E. coli, colony forming unit	235.	763.		6/28/2004	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
6/30/2004	1	E. coli, colony forming unit	125.	199.7		7/26/2004	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
6/30/2004	1	E. coli, colony forming unit	235.	1100.		7/26/2004	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
7/31/2005	1	E. coli, colony forming unit	125.	253.		8/29/2005	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
7/31/2005	1	E. coli, colony forming unit	235.	63200.		8/29/2005	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
8/31/2005	1	E. coli, colony forming unit	235.	2710.		9/28/2005	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
4/30/2006	1	E. coli, colony forming unit	125.	161.		5/25/2006	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
4/30/2006	1	E. coli, colony forming unit	235.	866.4		5/25/2006	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
5/31/2006	1	E. coli, colony forming unit	125.	167.		6/29/2006	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
5/31/2006	1	E. coli, colony forming unit	235.	488.4		6/29/2006	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
7/31/2006	1	E. coli, colony forming unit	235.	387.3		8/28/2006	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
5/31/2007	1	E. coli, colony forming unit	235.	501.2		7/3/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
6/30/2007	1	E. coli, colony forming unit	235.	435.2		8/1/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
8/31/2007	1	E. coli, colony forming unit	235.	313.		10/4/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
9/30/2007	1	E. coli, colony forming unit	125.	433.		11/1/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
9/30/2007	1	E. coli, colony forming unit	235.	1011.2		11/1/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
10/31/2007	1	E. coli, colony forming unit	125.	2419.6		11/20/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	MO GEO
10/31/2007	1	E. coli, colony forming unit	235.	2419.6		11/20/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Every Week	CFU/100mL	DAILY MX
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
1/31/2003	1	Nitrogen, ammonia total (a	2.8	3.5		3/7/2003	E90	2	3/1/1999	12/31/2003	COMP24	Twice Every Week	mg/L	MX WK AV
12/31/2004	1	Nitrogen, ammonia total (a	2.8	4.52		1/28/2005	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2005	1	Nitrogen, ammonia total (a	1.2	2.99		6/27/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2005	1	Nitrogen, ammonia total (a	1.9	4.37		6/27/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
6/30/2005	1	Nitrogen, ammonia total (a	1.2	3.23		7/28/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2005	1	Nitrogen, ammonia total (a	1.9	8.54		7/28/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2005	1	Nitrogen, ammonia total (a	1.2	2.77		8/29/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2005	1	Nitrogen, ammonia total (a	1.9	4.07		8/29/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
8/31/2005	1	Nitrogen, ammonia total (a	1.2	4.14		9/28/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
8/31/2005	1	Nitrogen, ammonia total (a	1.9	5.28		9/28/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
9/30/2005	1	Nitrogen, ammonia total (a	1.2	1.61		11/3/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
9/30/2005	1	Nitrogen, ammonia total (a	1.9	2.16		11/3/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2005	1	Nitrogen, ammonia total (a	1.2	1.28		11/23/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
10/31/2005	1	Nitrogen, ammonia total (a	1.9	1.93		11/23/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2005	1	Nitrogen, ammonia total (a	2.5	2.73		11/23/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2005	1	Nitrogen, ammonia total (a	4.	4.23		11/23/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2005	1	Nitrogen, ammonia total (a	1.2	1.8		12/30/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
11/30/2005	1	Nitrogen, ammonia total (a	1.9	4.1		12/30/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
11/30/2005	1	Nitrogen, ammonia total (a	2.5	4.2		12/30/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
11/30/2005	1	Nitrogen, ammonia total (a	4.	7.8		12/30/2005	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
12/31/2005	1	Nitrogen, ammonia total (a	5.8	22.9		1/31/2006	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2006	1	Nitrogen, ammonia total (a	4.	14.8		3/29/2006	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2006	1	Nitrogen, ammonia total (a	5.8	44.3		3/29/2006	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	Nitrogen, ammonia total (a	4.	4.78		5/25/2006	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2007	1	Nitrogen, ammonia total (a	1.9	3.89		3/29/2007	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
2/28/2007	1	Nitrogen, ammonia total (a	2.8	7.02		3/29/2007	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
2/28/2007	1	Nitrogen, ammonia total (a	4.	6.97		3/29/2007	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2007	1	Nitrogen, ammonia total (a	5.8	13.7		3/29/2007	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
9/30/2007	1	Nitrogen, ammonia total (a	1.9	3.5		11/1/2007	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
11/30/2007	1	Nitrogen, ammonia total (a	1.2	3.71		1/7/2008	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG

11/30/2007	1	Nitrogen, ammonia total (a	1.9	7.9		1/7/2008	E90	1	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
12/31/2007	1	Nitrogen, ammonia total (a	1.9	20.4		1/30/2008	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
12/31/2007	1	Nitrogen, ammonia total (a	2.8	25.2		1/30/2008	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
12/31/2007	1	Nitrogen, ammonia total (a	4.	21.1		1/30/2008	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
12/31/2007	1	Nitrogen, ammonia total (a	5.8	24.9		1/30/2008	E90	2	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
11/30/2005	1	Oxygen, dissolved (DO)	6.	5.		12/30/2005	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
3/31/2006	1	Oxygen, dissolved (DO)	5.	1.3		5/1/2006	E90	2	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
6/30/2006	1	Oxygen, dissolved (DO)	6.	5.8		7/31/2006	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
5/31/2007	1	Oxygen, dissolved (DO)	6.	2.8		7/3/2007	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
6/30/2007	1	Oxygen, dissolved (DO)	6.	5.3		8/1/2007	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
7/31/2007	1	Oxygen, dissolved (DO)	6.	4.		8/30/2007	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
8/31/2007	1	Oxygen, dissolved (DO)	6.	3.7		10/4/2007	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
9/30/2007	1	Oxygen, dissolved (DO)	6.	1.7		11/1/2007	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
10/31/2007	1	Oxygen, dissolved (DO)	6.	0.		11/20/2007	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
11/30/2007	1	Oxygen, dissolved (DO)	6.	5.1		1/7/2008	E90	1	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
12/31/2007	1	Oxygen, dissolved (DO)	5.	3.8		1/30/2008	E90	2	4/1/2004	3/31/2009	GRAB-2	Weekdays	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
11/30/2005	1	pH	6.	3.8		12/30/2005	E90	0	4/1/2004	3/31/2009	GRAB	Weekdays	SU	MINIMUM
12/31/2005	1	pH	6.	3.9		1/31/2006	E90	0	4/1/2004	3/31/2009	GRAB	Weekdays	SU	MINIMUM
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
10/31/2003	1	Solids, total suspended	10.	10.84		11/26/2003	E90	0	3/1/1999	12/31/2003	COMP24	Twice Every Week	mg/L	MO AVG
2/29/2004	1	Solids, total suspended	10.	10.55		3/26/2004	E90	0	3/1/1999	12/31/2003	COMP24	Twice Every Week	mg/L	MO AVG
2/29/2004	1	Solids, total suspended	15.	15.6		3/26/2004	E90	0	3/1/1999	12/31/2003	COMP24	Twice Every Week	mg/L	MX WK AV
4/30/2004	1	Solids, total suspended	10.	27.84		5/28/2004	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2004	1	Solids, total suspended	15.	86.1		5/28/2004	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
4/30/2004	1	Solids, total suspended	31.3	55.02		5/28/2004	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
9/30/2004	1	Solids, total suspended	10.	11.69		10/28/2004	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
9/30/2004	1	Solids, total suspended	15.	22.8		10/28/2004	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2004	1	Solids, total suspended	10.	10.65		11/29/2004	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
12/31/2004	1	Solids, total suspended	15.	19.6		1/28/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2005	1	Solids, total suspended	10.	13.		4/28/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
3/31/2005	1	Solids, total suspended	15.	16.6		4/28/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
5/31/2005	1	Solids, total suspended	10.	10.2		6/27/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
5/31/2005	1	Solids, total suspended	15.	18.62		6/27/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2005	1	Solids, total suspended	10.	11.1		8/29/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2005	1	Solids, total suspended	15.	19.2		8/29/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
8/31/2005	1	Solids, total suspended	10.	13.		9/28/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
8/31/2005	1	Solids, total suspended	15.	22.		9/28/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
9/30/2005	1	Solids, total suspended	10.	17.2		11/3/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
9/30/2005	1	Solids, total suspended	15.	27.4		11/3/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2005	1	Solids, total suspended	10.	26.2		11/23/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
10/31/2005	1	Solids, total suspended	15.	32.25		11/23/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
10/31/2005	1	Solids, total suspended	20.9	52.		11/23/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
10/31/2005	1	Solids, total suspended	31.3	70.5		11/23/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
11/30/2005	1	Solids, total suspended	10.	14.3		12/30/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
11/30/2005	1	Solids, total suspended	15.	20.8		12/30/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
11/30/2005	1	Solids, total suspended	20.9	60.9		12/30/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
11/30/2005	1	Solids, total suspended	31.3	103.5		12/30/2005	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
12/31/2005	1	Solids, total suspended	10.	11.2		1/31/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
12/31/2005	1	Solids, total suspended	15.	17.5		1/31/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
12/31/2005	1	Solids, total suspended	20.9	108.6		1/31/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
12/31/2005	1	Solids, total suspended	31.3	133.1		1/31/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
1/31/2006	1	Solids, total suspended	20.9	85.5		3/2/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
1/31/2006	1	Solids, total suspended	31.3	104.5		3/2/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
2/28/2006	1	Solids, total suspended	20.9	66.6		3/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
2/28/2006	1	Solids, total suspended	31.3	120.5		3/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2006	1	Solids, total suspended	10.	14.		5/1/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
3/31/2006	1	Solids, total suspended	15.	23.5		5/1/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
3/31/2006	1	Solids, total suspended	20.9	232.		5/1/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
3/31/2006	1	Solids, total suspended	31.3	613.		5/1/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
4/30/2006	1	Solids, total suspended	10.	11.3		5/25/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
4/30/2006	1	Solids, total suspended	20.9	107.2		5/25/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
4/30/2006	1	Solids, total suspended	31.3	115.5		5/25/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV

5/31/2006	1	Solids, total suspended	20.9	57.81		6/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
5/31/2006	1	Solids, total suspended	31.3	109.5		6/29/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
6/30/2006	1	Solids, total suspended	20.9	43.3		7/31/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
6/30/2006	1	Solids, total suspended	31.3	56.5		7/31/2006	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV
3/31/2007	1	Solids, total suspended	10.	10.4		5/2/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
6/30/2007	1	Solids, total suspended	15.	15.5		8/1/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2007	1	Solids, total suspended	10.	16.6		8/30/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
7/31/2007	1	Solids, total suspended	15.	28.8		8/30/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
8/31/2007	1	Solids, total suspended	10.	12.8		10/4/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
8/31/2007	1	Solids, total suspended	15.	22.		10/4/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
9/30/2007	1	Solids, total suspended	10.	13.9		11/1/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
9/30/2007	1	Solids, total suspended	15.	20.25		11/1/2007	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
12/31/2007	1	Solids, total suspended	10.	28.5		1/30/2008	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MO AVG
12/31/2007	1	Solids, total suspended	15.	39.5		1/30/2008	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	mg/L	MX WK AV
12/31/2007	1	Solids, total suspended	20.9	35.3		1/30/2008	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MO AVG
12/31/2007	1	Solids, total suspended	31.3	76.4		1/30/2008	E90	0	4/1/2004	3/31/2009	COMP24	Twice Every Week	lb/d	MX WK AV

PEABODY COAL, HAWTHORN MINE | **ING040010** | **Sullivan**

002 | **A** | **BLACK CR, MARIA, POLLARD D., MDL FK**

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
6/30/2007	1	Solids, total suspended	35.	38.		7/20/2007	E90	0	4/1/2004	3/31/2009	GRAB	Twice Per Month	mg/L	DAILY AV

KINDALL MINING, HAWTHORN MINE | **ING040010** | **Sullivan**

003 | **A** | **BLACK CR, MARIA, POLLARD D., MDL FK**

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
1/31/2003	1	Iron, total (as Fe)	3.	3.9		2/25/2003	E90	0	5/1/1999	3/31/2004	GRAB	Twice Per Month	mg/L	DAILY AV
1/31/2004	1	Iron, total (as Fe)	3.	3.7		2/12/2004	E90	0	5/1/1999	3/31/2004	GRAB	Twice Per Month	mg/L	DAILY AV

004 | **A** | **BLACK CR, MARIA, POLLARD D., MDL FK**

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
12/31/2004	1	Solids, total suspended	35.	67.		1/17/2005	E90	0	4/1/2004	3/31/2009	GRAB	Twice Per Month	mg/L	DAILY AV

SHAKAMAK STATE PARK	IN0030228	Greene

001	A	BUSSERON CR VIA MILL CR-BIG BRANCH

Big Branch

05120111

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
7/31/2003	1	BOD, carbonaceous, 05 d	15.	16.		9/5/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
7/31/2005	1	BOD, carbonaceous, 05 d	22.5	83.4		8/26/2005	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
4/30/2003	X	Chlorine, total residual	0.5	0.42		6/2/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MN
5/31/2003	X	Chlorine, total residual	0.5	0.4		6/10/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MN
6/30/2003	1	Chlorine, total residual	0.06	0.07		7/31/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MX
6/30/2003	X	Chlorine, total residual	0.5	0.23		7/31/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MN
7/31/2003	1	Chlorine, total residual	0.06	0.07		9/5/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	MO AVG
7/31/2003	1	Chlorine, total residual	0.06	0.14		9/5/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MX
7/31/2003	X	Chlorine, total residual	0.5	0.08		9/5/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MN
8/31/2003	1	Chlorine, total residual	0.06	0.2		9/29/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	MO AVG
8/31/2003	1	Chlorine, total residual	0.06	0.73		9/29/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MX
8/31/2003	X	Chlorine, total residual	0.5	0.42		9/29/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MN
9/30/2003	1	Chlorine, total residual	0.06	0.07		11/5/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	MO AVG
9/30/2003	1	Chlorine, total residual	0.06	0.35		11/5/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MX
9/30/2003	X	Chlorine, total residual	0.5	0.22		11/5/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MN
10/31/2003	1	Chlorine, total residual	0.06	0.1		12/2/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	MO AVG
10/31/2003	1	Chlorine, total residual	0.06	0.4		12/2/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MX
10/31/2003	X	Chlorine, total residual	0.5	0.23		12/2/2003	E90	0	5/1/2002	4/30/2004	GRAB	Twice Every Week	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
5/31/2004	1	E. coli, colony forming unit	125.	197.		6/28/2004	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	MO GEOMN
5/31/2004	1	E. coli, colony forming unit	235.	245.		6/28/2004	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	DAILY MX
6/30/2004	1	E. coli, colony forming unit	125.	295.		7/28/2004	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	MO GEOMN
6/30/2004	1	E. coli, colony forming unit	235.	320.		7/28/2004	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	DAILY MX
7/31/2005	1	E. coli, colony forming unit	235.	326.		8/26/2005	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	DAILY MX
6/30/2006	1	E. coli, colony forming unit	125.	155.		8/1/2006	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	MO GEOMN
6/30/2006	1	E. coli, colony forming unit	235.	550.		8/1/2006	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	DAILY MX
7/31/2006	1	E. coli, colony forming unit	235.	241.		8/31/2006	E90	0	5/1/2002	3/31/2007	GRAB	Weekly	CFU/100mL	DAILY MX
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
6/30/2003	1	Nitrogen, ammonia total (a	1.3	1.4		7/31/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
6/30/2003	1	Nitrogen, ammonia total (a	2.	2.2		7/31/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
7/31/2003	1	Nitrogen, ammonia total (a	1.3	2.7		9/5/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
7/31/2003	1	Nitrogen, ammonia total (a	2.	3.9		9/5/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
8/31/2003	1	Nitrogen, ammonia total (a	1.3	8.3		9/29/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
8/31/2003	1	Nitrogen, ammonia total (a	2.	13.		9/29/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
9/30/2003	1	Nitrogen, ammonia total (a	2.	4.6		11/5/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
10/31/2003	1	Nitrogen, ammonia total (a	1.3	7.8		12/2/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
10/31/2003	1	Nitrogen, ammonia total (a	2.	17.		12/2/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
11/30/2003	1	Nitrogen, ammonia total (a	1.3	9.7		12/31/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
11/30/2003	1	Nitrogen, ammonia total (a	2.	22.		12/31/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
5/31/2004	1	Nitrogen, ammonia total (a	1.3	13.3		6/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
5/31/2004	1	Nitrogen, ammonia total (a	1.4	2.6		6/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MO AVG
5/31/2004	1	Nitrogen, ammonia total (a	2.	18.4		6/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
5/31/2004	1	Nitrogen, ammonia total (a	2.1	5.2		6/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MX WK AV
6/30/2004	1	Nitrogen, ammonia total (a	1.3	2.3		7/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
6/30/2004	1	Nitrogen, ammonia total (a	1.4	2.3		7/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MO AVG
6/30/2004	1	Nitrogen, ammonia total (a	2.	4.8		7/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
6/30/2004	1	Nitrogen, ammonia total (a	2.1	4.8		7/28/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MX WK AV
7/31/2004	1	Nitrogen, ammonia total (a	1.3	3.9		9/1/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
7/31/2004	1	Nitrogen, ammonia total (a	2.	9.1		9/1/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
6/30/2005	1	Nitrogen, ammonia total (a	1.3	14.9		8/2/2005	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
6/30/2005	1	Nitrogen, ammonia total (a	2.	28.		8/2/2005	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
7/31/2005	1	Nitrogen, ammonia total (a	1.3	3.		8/26/2005	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
7/31/2005	1	Nitrogen, ammonia total (a	2.	8.9		8/26/2005	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
4/30/2007	1	Nitrogen, ammonia total (a	1.8	1.9		5/23/2007	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG

5/31/2007	1	Nitrogen, ammonia total (a	1.3	12.		7/2/2007	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
5/31/2007	1	Nitrogen, ammonia total (a	1.4	1.6		7/2/2007	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MO AVG
5/31/2007	1	Nitrogen, ammonia total (a	2.	55.		7/2/2007	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
5/31/2007	1	Nitrogen, ammonia total (a	2.1	7.3		7/2/2007	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
7/31/2003	1	Oxygen, dissolved (DO)	6.	5.1		9/5/2003	E90	1	5/1/2002	3/31/2007	GRAB-2	Twice Every Week	mg/L	DAILY MN
6/30/2004	1	Oxygen, dissolved (DO)	6.	2.		7/28/2004	E90	1	5/1/2002	3/31/2007	GRAB-2	Twice Every Week	mg/L	DAILY MN
8/31/2004	1	Oxygen, dissolved (DO)	6.	5.1		9/29/2004	E90	1	5/1/2002	3/31/2007	GRAB-2	Twice Every Week	mg/L	DAILY MN
6/30/2005	1	Oxygen, dissolved (DO)	6.	5.6		8/2/2005	E90	1	5/1/2002	3/31/2007	GRAB-2	Twice Every Week	mg/L	DAILY MN
6/30/2006	1	Oxygen, dissolved (DO)	6.	5.4		8/1/2006	E90	1	5/1/2002	3/31/2007	GRAB-2	Twice Every Week	mg/L	DAILY MN
9/30/2006	1	Oxygen, dissolved (DO)	6.	5.8		10/26/2006	E90	1	5/1/2002	3/31/2007	GRAB-2	Twice Every Week	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
1/31/2003	1	pH	9.	9.1		3/5/2003	E90	0	5/1/2002	3/31/2007	GRAB	Twice Every Week	SU	DAILY MX
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
7/31/2003	1	Solids, total suspended	18.	57.		9/5/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
7/31/2003	1	Solids, total suspended	27.	117.		9/5/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
8/31/2003	1	Solids, total suspended	18.	28.		9/29/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
8/31/2003	1	Solids, total suspended	27.	46.		9/29/2003	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
12/31/2003	1	Solids, total suspended	24.	26.		1/29/2004	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
12/31/2003	1	Solids, total suspended	36.	65.		1/29/2004	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
10/31/2004	1	Solids, total suspended	18.	18.4		11/16/2004	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
1/31/2005	1	Solids, total suspended	24.	26.		2/10/2005	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MO AVG
1/31/2005	1	Solids, total suspended	36.	46.		2/10/2005	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
1/31/2005	1	Solids, total suspended	37.6	57.		2/10/2005	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MX WK AV
3/31/2006	1	Solids, total suspended	37.6	39.		5/3/2006	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	lb/d	MX WK AV
3/31/2007	1	Solids, total suspended	36.	53.		5/3/2007	E90	2	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV
5/31/2007	1	Solids, total suspended	27.	32.		7/2/2007	E90	1	5/1/2002	3/31/2007	COMP24	Weekly	mg/L	MX WK AV

Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
7/31/2007	1	Nitrogen, ammonia total (a	1.3	13.		8/30/2007	E90	1	6/1/2007	5/31/2012	COMP24	Twice Per Week	mg/L	MO AVG
7/31/2007	1	Nitrogen, ammonia total (a	1.4	2.1		8/30/2007	E90	1	6/1/2007	5/31/2012	COMP24	Twice Per Week	lb/d	MO AVG
7/31/2007	1	Nitrogen, ammonia total (a	2.	48.		8/30/2007	E90	1	6/1/2007	5/31/2012	COMP24	Twice Per Week	mg/L	MX WK AV
7/31/2007	1	Nitrogen, ammonia total (a	2.1	8.4		8/30/2007	E90	1	6/1/2007	5/31/2012	COMP24	Twice Per Week	lb/d	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
6/30/2007	1	Oxygen, dissolved (DO)	6.	5.7		7/31/2007	E90	1	6/1/2007	5/31/2012	GRAB-2	Five Per Week	mg/L	DAILY MN
7/31/2007	1	Oxygen, dissolved (DO)	6.	5.7		8/30/2007	E90	1	6/1/2007	5/31/2012	GRAB-2	Five Per Week	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
6/30/2007	1	Solids, total suspended	27.	32.		7/31/2007	E90	1	6/1/2007	5/31/2012	COMP24	Twice Every Week	mg/L	MX WK AV
7/31/2007	1	Solids, total suspended	27.	43.		8/30/2007	E90	1	6/1/2007	5/31/2012	COMP24	Twice Every Week	mg/L	MX WK AV

SHELBURN MUNICIPAL STP | **IN0020389** | **Sullivan**

001 | **A** | **UNNMD TRIB/KETTLE CRK/SHELBURN LAKE**

Kettle Creek

05120111

Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
11/30/2004	1	BOD, carbonaceous, 05 da	20.9	24.9		12/28/2004	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
11/30/2004	1	BOD, carbonaceous, 05 da	31.3	32.		12/28/2004	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
4/30/2007	1	Chlorine, total residual	0.06	0.07		6/19/2007	E90	1	9/1/2004	8/31/2009	GRAB	Weekdays	mg/L	DAILY MX
4/30/2007	X	Chlorine, total residual	0.5	0.01		6/19/2007	E90	1	9/1/2004	8/31/2009	GRAB	Weekdays	mg/L	DAILY MN
9/30/2007	X	Chlorine, total residual	0.5	0.04		11/1/2007	E90	1	9/1/2004	8/31/2009	GRAB	Weekdays	mg/L	DAILY MN
10/31/2007	X	Chlorine, total residual	0.5	0.		11/20/2007	E90	1	9/1/2004	8/31/2009	GRAB	Weekdays	mg/L	DAILY MN

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
9/30/2004	1	E. coli, colony forming unit	235.	2419.2		10/29/2004	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
4/30/2005	1	E. coli, colony forming unit	235.	920.8		5/27/2005	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
10/31/2005	1	E. coli, colony forming unit	235.	629.4		11/30/2005	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
4/30/2006	1	E. coli, colony forming unit	235.	285.1		6/9/2006	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
10/31/2006	1	E. coli, colony forming unit	235.	2419.2		11/20/2006	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
4/30/2007	1	E. coli, colony forming unit	235.	461.		6/19/2007	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
5/31/2007	1	E. coli, colony forming unit	235.	2419.		7/31/2007	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
9/30/2007	1	E. coli, colony forming unit	235.	2419.6		11/1/2007	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
10/31/2007	1	E. coli, colony forming unit	235.	2419.6		11/20/2007	E90	0	9/1/2004	8/31/2009	GRAB	Three Per Week	CFU/100mL	DAILY MX
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
11/30/2004	1	Nitrogen, ammonia total (a	2.3	2.8		12/28/2004	E90	1	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
2/28/2005	1	Nitrogen, ammonia total (a	2.4	3.2		3/24/2005	E90	2	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MX WK AV
2/28/2005	1	Nitrogen, ammonia total (a	5.	7.3		3/24/2005	E90	2	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
5/31/2006	1	Nitrogen, ammonia total (a	1.6	1.8		7/6/2006	E90	1	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MX WK AV
2/28/2007	1	Nitrogen, ammonia total (a	5.	6.3		4/2/2007	E90	2	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
3/31/2007	1	Nitrogen, ammonia total (a	3.3	3.4		4/28/2007	E90	2	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
9/30/2007	1	Nitrogen, ammonia total (a	1.1	1.29		11/1/2007	E90	1	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
9/30/2007	1	Nitrogen, ammonia total (a	1.6	3.62		11/1/2007	E90	1	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MX WK AV
10/31/2007	1	Nitrogen, ammonia total (a	3.3	3.81		11/20/2007	E90	1	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
11/30/2007	1	Nitrogen, ammonia total (a	1.1	2.03		1/7/2008	E90	1	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
11/30/2007	1	Nitrogen, ammonia total (a	1.6	3.78		1/7/2008	E90	1	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MX WK AV
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
9/30/2007	1	Oxygen, dissolved (DO)	6.	3.6		11/1/2007	E90	1	9/1/2004	8/31/2009	GRAB-3	Weekdays	mg/L	DAILY MN
10/31/2007	1	Oxygen, dissolved (DO)	6.	5.1		11/20/2007	E90	1	9/1/2004	8/31/2009	GRAB-3	Weekdays	mg/L	DAILY MN
11/30/2007	1	Oxygen, dissolved (DO)	6.	4.9		1/7/2008	E90	1	9/1/2004	8/31/2009	GRAB-3	Weekdays	mg/L	DAILY MN
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
12/31/2007	1	pH	9.	9.5		1/30/2008	E90	0	9/1/2004	8/31/2009	GRAB	Weekdays	SU	MAXIMUM
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
5/31/2007	1	Phosphorus, total (as P)	1.	1.2		7/31/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
9/30/2007	1	Phosphorus, total (as P)	1.	2.3		11/1/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
10/31/2007	1	Phosphorus, total (as P)	1.	2.6		11/20/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
11/30/2007	1	Phosphorus, total (as P)	1.	3.3		1/7/2008	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
12/31/2007	1	Phosphorus, total (as P)	1.	1.6		1/30/2008	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
Monitoring Period End Date	**Monitoring Location Code**	**Parameter Desc**	**Limit Value**	**DMR Value**	**NODI Code**	**DMR Value Received Date**	**Violation Code**	**Limit Season ID**	**Limit Start Date**	**Limit End Date**	**Limit Sample Type D**	**Limit Frequency of Analysis D**	**Limit Unit Short Desc**	**Statistical Base Short**
11/30/2004	1	Solids, total suspended	20.9	26.2		12/28/2004	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
11/30/2004	1	Solids, total suspended	31.3	36.5		12/28/2004	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
12/31/2004	1	Solids, total suspended	20.9	32.		1/26/2005	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
12/31/2004	1	Solids, total suspended	31.3	43.4		1/26/2005	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
1/31/2005	1	Solids, total suspended	20.9	26.9		2/28/2005	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
2/28/2005	1	Solids, total suspended	20.9	23.1		3/24/2005	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
5/31/2006	1	Solids, total suspended	31.3	31.7		7/6/2006	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
2/28/2007	1	Solids, total suspended	31.3	47.2		4/2/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
3/31/2007	1	Solids, total suspended	20.9	23.9		4/28/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MO AVG
3/31/2007	1	Solids, total suspended	31.3	46.6		4/28/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
5/31/2007	1	Solids, total suspended	15.	16.95		7/31/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MX WK AV
9/30/2007	1	Solids, total suspended	10.	11.6		11/1/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MO AVG
9/30/2007	1	Solids, total suspended	15.	30.5		11/1/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MX WK AV
10/31/2007	1	Solids, total suspended	31.3	42.		11/20/2007	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV
12/31/2007	1	Solids, total suspended	15.	25.3		1/30/2008	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	mg/L	MX WK AV
12/31/2007	1	Solids, total suspended	31.3	34.5		1/30/2008	E90	0	9/1/2004	8/31/2009	COMP24	Three Per Week	lb/d	MX WK AV

SULLIVAN MUNICIPAL STP | IN0024554 | Sullivan

001 | A | BUSSERON CR VIA BUCK CREEK TRIB

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
1/31/2003	1	BOD, 5-day, 20 deg. C	30.	32.7		3/6/2003	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG
2/28/2003	1	BOD, 5-day, 20 deg. C	30.	34.		4/1/2003	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG
3/31/2003	1	BOD, 5-day, 20 deg. C	30.	34.4		5/2/2003	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG
4/30/2003	1	BOD, 5-day, 20 deg. C	30.	42.2		5/28/2003	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG
4/30/2003	1	BOD, 5-day, 20 deg. C	45.	51.3		5/28/2003	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MX WK AV
9/30/2005	1	BOD, 5-day, 20 deg. C	30.	40.3		10/27/2005	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG
9/30/2005	1	BOD, 5-day, 20 deg. C	45.	57.		10/27/2005	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MX WK AV
10/31/2005	1	BOD, 5-day, 20 deg. C	30.	49.		11/21/2005	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG
10/31/2005	1	BOD, 5-day, 20 deg. C	45.	58.		11/21/2005	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MX WK AV
11/30/2005	1	BOD, 5-day, 20 deg. C	30.	38.		12/27/2005	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
5/31/2003	1	Chlorine, total residual	0.06	0.13		7/5/2003	E90	1	10/1/1999	8/31/2002	GRAB	Three Per Week	mg/L	DAILY MX
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
7/31/2003	1	E. coli, colony forming unit	235.	648.		9/8/2003	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	CFU/100mL	DAILY MX
10/31/2005	1	E. coli, colony forming unit	235.	250.		11/21/2005	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	CFU/100mL	DAILY MX
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
3/31/2003	1	pH	9.	9.21		5/2/2003	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	SU	MAXIMUM
4/30/2003	1	pH	9.	9.1		5/28/2003	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	SU	MAXIMUM
5/31/2003	1	pH	9.	9.15		7/5/2003	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	SU	MAXIMUM
3/31/2004	1	pH	9.	9.1		4/14/2004	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	SU	MAXIMUM
4/30/2004	1	pH	9.	9.2		5/11/2004	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	SU	MAXIMUM
2/28/2005	1	pH	9.	9.9		3/18/2005	E90	0	10/1/1999	8/31/2002	GRAB	Three Per Week	SU	MAXIMUM
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
9/30/2005	1	Solids, total suspended	70.	87.5		10/27/2005	E90	0	10/1/1999	8/31/2002	COMP24	Three Per Week	mg/L	MO AVG

SULLIVAN MUNICIPAL WWTP | IN0024554 | Sullivan

001 | A | BUSSERON CR VIA BUCK CREEK TRIB

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
6/30/2007	1	BOD, 5-day, 20 deg. C	30.	222.		8/1/2007	E90	0	1/1/2006	11/30/2007	COMP24	Three Per Week	mg/L	MO AVG
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
9/30/2006	1	Chlorine, total residual	0.06	0.33		11/1/2006	E90	1	1/1/2006	11/30/2007	GRAB	Three Per Week	mg/L	MX WK AV
10/31/2006	1	Chlorine, total residual	0.06	0.5		11/29/2006	E90	1	1/1/2006	11/30/2007	GRAB	Three Per Week	mg/L	MO AVG
10/31/2006	1	Chlorine, total residual	0.06	0.9		11/29/2006	E90	1	1/1/2006	11/30/2007	GRAB	Three Per Week	mg/L	MX WK AV
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type D	Limit Frequency of Analysis D	Limit Unit Short Desc	Statistical Base Short
4/30/2006	1	E. coli, colony forming unit	235.	320.		5/30/2006	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	DAILY MX
5/31/2006	1	E. coli, colony forming unit	235.	958.		6/19/2006	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	DAILY MX
4/30/2007	1	E. coli, colony forming unit	235.	601.5		5/30/2007	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	DAILY MX
6/30/2007	1	E. coli, colony forming unit	125.	220.5		8/1/2007	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	MO GEO
6/30/2007	1	E. coli, colony forming unit	235.	2419.6		8/1/2007	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	DAILY MX
7/31/2007	1	E. coli, colony forming unit	235.	2419.6		8/30/2007	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	DAILY MX
8/31/2007	1	E. coli, colony forming unit	235.	2419.6		10/4/2007	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	DAILY MX
9/30/2007	1	E. coli, colony forming unit	235.	524.7		11/1/2007	E90	0	1/1/2006	11/30/2007	GRAB	Three Per Week	CFU/100mL	DAILY MX

SUNRISE COAL, CARLISLE MINE			ING040199	Sullivan
001	A	WABASH R/MARIA CR/MARSH CR/UND TRIB		

Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
11/30/2006	1	Iron, total (as Fe)	6.	6.8		1/12/2007	E90	0	11/1/2004	10/31/2009	GRAB	Weekly	mg/L	DAILY MX
12/31/2006	1	Iron, total (as Fe)	3.	4.5		1/30/2007	E90	0	11/1/2004	10/31/2009	GRAB	Weekly	mg/L	DAILY AV
Monitoring Period End Date	Monitoring Location Code	Parameter Desc	Limit Value	DMR Value	NODI Code	DMR Value Received Date	Violation Code	Limit Season ID	Limit Start Date	Limit End Date	Limit Sample Type C	Limit Frequency of Analysis C	Limit Unit Short Desc	Statistical Base Short
10/31/2006	1	Solids, settleable	0.5	5.		11/28/2006	E90	0	11/1/2004	10/31/2009	GRAB	Weekly	mL/L	DAILY MX

(c) IDEM 2000 Source Identification Study

Appendix A Sampling Locations

Hydrologic Unit	Site	Stream Name	Description	County	Sample Date
05120111160010	WBU160-0097	Busseron Cr	CR 900 N	Sullivan	10/25/2000
05120111160010	WBU160-0101	Busseron Cr	CR 1050 N	Sullivan	10/25/2000
05120111160010	WBU160-0103	Busseron Cr	CR 1100 N	Sullivan	10/24/2000
05120111160010	WBU160-0110	Unnamed Trib of Busseron Cr	CR 500 E	Sullivan	10/24/2000
05120111160010	WBU160-0112	Busseron Cr	Vigo/ Sullivan Co Line Rd	Sullivan	10/24/2000
05120111160010	WBU160-0119	Busseron Cr	SR 246	Vigo	10/24/2000
05120111160010	WBU160-0121	Busseron Cr	CR 50 E - French St	Vigo	10/24/2000
05120111160010	WBU160-0122	Unnamed Trib	CR 44 S, N of CR 50 E (Dickens St)	Vigo	10/24/2000*
05120111160020	WBU160-0082	Unnamed Trib of East Fk	CR 875 N, 1/4 Mile E of CR 575 E	Sullivan	10/16/2000
05120111160020	WBU160-0084	Boston Cr	CR 750 E	Sullivan	10/16/2000
05120111160020	WBU160-0089	Boston Cr	CR 850 E	Sullivan	10/16/2000
05120111160020	WBU160-0091	Hooker Cr	CR 1050 N	Sullivan	10/16/2000
05120111160020	WBU160-0093	Hooker Cr	CR 1100 N	Sullivan	10/16/2000
05120111160020	WBU160-0094	Hooker Cr	Vigo/ Sullivan County Line Rd	Sullivan	10/16/2000
05120111160020	WBU160-0139	East Fk	CR 575 E	Sullivan	10/24/2000
05120111160020	WBU160-0139	East Fk	CR 575 E	Sullivan	10/16/2000
05120111160020	WBU160-0140	East Fk	CR 875 N (West channel)	Sullivan	10/16/2000
05120111160030	WBU160-0123	W Fk Busseron Cr	SR 48	Sullivan	10/24/2000
05120111160030	WBU160-0125	Busseron Cr	SR 48	Sullivan	10/24/2000
05120111160030	WBU160-0126	W Fk Busseron Cr	CR 375 E	Sullivan	10/24/2000
05120111160030	WBU160-0127	Unnamed Trib of Busseron Cr	CR 475 E	Sullivan	10/24/2000**
05120111160030	WBU160-0130	W Fk Busseron Cr	CR 900 N	Sullivan	10/16/2000
05120111160030	WBU160-0131	Unnamed Trib of West Fk	CR 900 N	Sullivan	10/16/2000***
05120111160030	WBU160-0132	W Fk Busseron Cr	CR 950 N	Sullivan	10/16/2000
05120111160030	WBU160-0134	W Fk Busseron Cr	CR1125 N	Sullivan	10/16/2000
05120111160030	WBU160-0135	W Fk Busseron Cr	CR 1150 N	Sullivan	10/16/2000
05120111160030	WBU160-0136	Unnamed Trib of West Fk	CR 1150 N	Sullivan	10/16/2000
05120111160030	WBU160-0137	West Fk	SR 246	Vigo	10/16/2000
05120111160030	WBU160-0145	W Fk Busseron Cr	CR 30 S	Vigo	10/16/2000
05120111160040	WBU160-0001	Busseron Cr	CR 300 N 134-092P	Sullivan	10/25/2000
05120111160040	WBU160-0088	Unnamed Trib of Sulphur Cr	CR 500 E	Sullivan	10/25/2000
05120111160040	WBU160-0090	Sulphur Cr	CR 500 N	Sullivan	10/24/2000
05120111160040	WBU160-0092	Sulphur Cr	CR 600 E	Sullivan	10/24/2000
05120111160040	WBU160-0099	Unnamed Trib of Sulphur Cr	CR 600 N	Sullivan	10/24/2000

Hydrologic Unit	Site	Stream Name	Description	County	Sample Date
05120111160040	WBU160-0100	Sulphur Cr	CR 675 E	Sullivan	10/24/2000
05120111160040	WBU160-0102	Sulphur Cr	CR 600 N	Sullivan	10/24/2000
05120111160040	WBU160-0104	Sulphur Cr	SR 48	Sullivan	10/24/2000
05120111160040	WBU160-0105	Sulphur Cr	CR 750 N	Sullivan	10/24/2000
05120111160040	WBU160-0106	Unnamed Trib of Sulphur Cr	CR 750 N	Sullivan	10/24/2000
05120111160040	WBU160-0109	Sulphur Cr	CR 900 N	Sullivan	10/24/2000
05120111160040	WBU160-0111	Busseron Cr	CR 475 N	Sullivan	10/25/2000
05120111160040	WBU160-0113	Unnamed Trib of Busseron Cr	CR 400 E	Sullivan	10/25/2000
05120111160040	WBU160-0116	Unnamed Trib of Busseron Cr	SR 48	Sullivan	10/25/2000
05120111160050	WBU160-0069	Big Br	CR 825 E	Sullivan	10/24/2000
05120111160050	WBU160-0070	Unnamed Trib of Big Br	CR 825 E, 1 Mile S of Burris Cemetary	Sullivan	10/24/2000
05120111160050	WBU160-0071	Possum Hollow	CR 825 E (near site #3)	Sullivan	10/24/2000
05120111160050	WBU160-0072	Possum Hollow	Sullivan/Green County Line Rd	Sullivan	10/16/2000
05120111160050	WBU160-0073	Unnamed Trib of Possum Hollow	Sullivan/Green Co Line Rd	Sullivan	10/16/2000
05120111160050	WBU160-0074	Possum Hollow	CR 1500 W	Greene	10/16/2000
05120111160050	WBU160-0075	Unnamed Trib	Queen 4 Rd - CR 800 N	Greene	10/16/2000***
05120111160050	WBU160-0076	Unnamed Trib	CR 1500 W	Greene	10/16/2000
05120111160050	WBU160-0079	Big Br	CR 500 N	Sullivan	10/16/2000
05120111160050	WBU160-0081	Unnamed Trib of Big Br	CR 700 E	Sullivan	10/24/2000
05120111160050	WBU160-0144	Unnamed Trib of Big Br	10 Miles E of WBU160-0070, CR 825 E Above Conf with a Small Clear Tributary	Sullivan	10/24/2000
05120111160050	WBU160-0180	Unnamed Trib	CR 825 E, Clear Trib U/S of Conf with Unnamed Trib	Sullivan	10/24/2000
05120111160060	WBU160-0050	Big Br	CR 525 E	Sullivan	10/25/2000
05120111160060	WBU160-0051	Big Br	CR 700 E	Sullivan	10/25/2000
05120111160060	WBU160-0053	Mud Cr	CR 700 E	Sullivan	10/25/2000
05120111160060	WBU160-0055	Mud Cr	CR 100 N Above Conf	Sullivan	10/25/2000
05120111160060	WBU160-0057	Mud Cr	CR 800 E	Sullivan	10/25/2000
05120111160060	WBU160-0058	Unnamed Trib of Mud Cr	Base Line Rd - Center Rd	Sullivan	10/25/2000
05120111160060	WBU160-0061	Mud Cr	CR 500 N	Greene	10/25/2000
05120111160060	WBU160-0062	Unnamed Trib	CR 575 N	Greene	10/24/2000
05120111160060	WBU160-0066	Unnamed Trib of Mud Cr	CR 500 N, 3/4 Mile E of Antioch Cemetary	Greene	10/25/2000
05120111160060	WBU160-0067	Unnamed Trib of Mud Cr	CR 800 E	Sullivan	10/25/2000
05120111160060	WBU160-0159	Unnamed Trib	CR 575 N, 5 Meters Below WBU160-0062.	Greene	10/24/2000

Hydrologic Unit	Site	Stream Name	Description	County	Sample Date
05120111160070	WBU160-0044	Busseron Cr	CR 50 N	Sullivan	10/24/2000
05120111160070	WBU160-0047	Unnamed Trib of Busseron Cr	CR 175 N, S of Reservoir	Sullivan	10/24/2000
05120111160070	WBU160-0083	Kettle Cr	CR 300 N	Sullivan	10/24/2000
05120111160070	WBU160-0155	Kettle Cr	SR 48	Sullivan	10/24/2000
05120111160070	WBU160-0156	Kettle Cr	CR 650 N	Sullivan	10/24/2000
05120111160070	WBU160-0157	Kettle Cr	CR 275 E	Sullivan	10/24/2000
05120111160070	WBU160-0158	Unnamed Trib of Kettle Cr	CR 650 N	Sullivan	10/24/2000
05120111160080	WBU160-0043	Busseron Cr	SR 54	Sullivan	10/25/2000
05120111160080	WBU160-0045	Morrisson Cr	CR 50 N	Sullivan	10/25/2000
05120111160080	WBU160-0150	Morrison Cr	SR 41	Sullivan	10/25/2000
05120111160080	WBU160-0151	Morrison Cr	CR 575 N	Sullivan	10/25/2000
05120111160080	WBU160-0154	Unnamed Trib of Morrison Cr	CR 350 N	Sullivan	10/25/2000
05120111160090	WBU160-0017	Buttermilk Cr	CR 200 E	Sullivan	10/26/2000
05120111160090	WBU160-0018	Buttermilk Cr	CR 275 E	Sullivan	10/26/2000
05120111160090	WBU160-0020	Buttermilk Cr	CR 450 E	Sullivan	10/26/2000
05120111160090	WBU160-0021	Buttermilk Cr	CR 600 E	Sullivan	10/26/2000
05120111160090	WBU160-0022	Unnamed Trib of Buttermilk Cr	CR 600 E	Sullivan	10/26/2000
05120111160090	WBU160-0023	Unnamed Trib of Buttermilk Cr	SR 54	Sullivan	10/25/2000
05120111160090	WBU160-0024	Unnamed Trib of Buttermilk Cr	SR 54, SE of CR 50 S	Sullivan	10/25/2000
05120111160090	WBU160-0181	Unnamed Trib of Buttermilk Cr	SR54, Approximately 0.2 Miles W of Intersection with CR 50 S	Sullivan	10/25/2000
05120111160100	WBU160-0016	Robbins Br	CR 250 E	Sullivan	10/26/2000
05120111160100	WBU160-0028	Buck Cr	CR 200 S	Sullivan	10/26/2000
05120111160100	WBU160-0029	Buck Cr	SR 54	Sullivan	10/26/2000
05120111160100	WBU160-0030	Unnamed Trib of Buck Cr	US 41, S of Silver St	Sullivan	10/26/2000
05120111160100	WBU160-0031	Unnamed Trib of Buck Cr	SR 54	Sullivan	10/26/2000
05120111160100	WBU160-0033	Buck Cr	Silver St	Sullivan	10/26/2000
05120111160100	WBU160-0034	Buck Cr	Washington St	Sullivan	10/26/00**
05120111160100	WBU160-0035	Unnamed Trib of Buck Cr	CR 125 W	Sullivan	10/26/2000
05120111160100	WBU160-0037	Buck Cr	Wolfe Rd	Sullivan	10/26/2000
05120111160100	WBU160-0038	Buck Cr	US 41	Sullivan	10/26/2000
05120111160100	WBU160-0039	Buck Cr	CR 300 N	Sullivan	10/25/00**
05120111160100	WBU160-0161	Unnamed Trib of Buck Cr	CR 75 W	Sullivan	10/26/2000
05120111160100	WBU160-0179	Unnamed Trib of Buck Cr	Washington St, CR 200 W Intersection	Sullivan	10/26/2000**

Hydrologic Unit	Site	Stream Name	Description	County	Sample Date
05120111160110	WBU160-0011	Busseron Cr	CR 600 S	Sullivan	10/25/2000
05120111160110	WBU160-0012	Busseron Cr	CR 500 S	Sullivan	10/25/2000
05120111160110	WBU160-0015	Busseron Cr	US 41	Sullivan	10/25/2000
05120111160110	WBU160-0146	Unnamed Trib of Busseron Cr	CR 300 S, W of CR 150 W	Sullivan	10/25/2000
05120111160110	WBU160-0147	Unnamed Trib of Busseron Cr	CR 300 S, E of CR 150 W	Sullivan	10/25/2000
05120111160110	WBU160-0148	Unnamed Trib of Busseron Cr	SR 54, W of CR 200 W	Sullivan	10/25/2000
05120111160110	WBU160-0149	Unnamed Trib of Busseron Cr	SR 54, E of CR 150 W	Sullivan	10/25/2000
05120111160120	WBU160-0010	Bear Run	CR 100 E	Sullivan	10/25/2000
05120111160120	WBU160-0040	Middle Fork Cr	CR 100 E - Old US 41	Sullivan	10/25/2000
05120111160120	WBU160-0041	Middle Fork Cr	CR 400 E	Sullivan	10/25/2000
05120111160120	WBU160-0042	Middle Fork Cr	CR 500 E	Sullivan	10/25/2000
05120111160120	WBU160-0163	Middle Fork Cr	CR 600 E	Sullivan	10/25/2000
05120111160120	WBU160-0164	Unnamed Trib of Middle Fork Cr	CR 500 S	Sullivan	10/25/2000
05120111160120	WBU160-0169	Middle Fork Cr	CR 325 E	Sullivan	10/25/2000
05120111160120	WBU160-0170	Unnamed Trib of Middle Fork Cr	CR 325 E	Sullivan	10/25/2000
05120111160120	WBU160-0173	Unnamed Trib of Middle Fork Cr	CR 650 S	Sullivan	10/25/2000***
05120111160130	WBU160-0002	Busseron Cr	At SR 58, Carlisle	Sullivan	10/25/2000
05120111160130	WBU160-0007	Busseron Cr	CR 400 W	Sullivan	10/25/2000
05120111160130	WBU160-0008	Busseron Cr	CR 200 W, 18 SW	Sullivan	10/25/2000

*Site not sampled due to road construction.
**Site not sampled, professional judgement.
***Site not sampled, stream flow too low.

Appendix B Surface Water Quality Violations

Hydrologic Unit	Site	Waterbody	Date	Parameter	Level
05120111160010	WBU160-0121	Busseron Creek	10/24/00	Dissolved Oxygen	3.9 mg/L
05120111160020	WBU160-0082	Unnamed Trib, East Fork	10/16/00	Lead	4.6 ug/L
05120111160020	WBU160-0084	Boston Creek	10/16/00	Dissolved Oxygen*	4.83 mg/L
05120111160040	WBU160-0001	Busseron Creek	10/25/00	Cadmium	2.5 ug/L
05120111160040	WBU160-0088	Unnamed Trib, Sulphur Creek	10/25/00	Sulfate	410 mg/L
05120111160040	WBU160-0090	Sulphur Creek	10/24/00	Cadmium	35 ug/L
05120111160040	WBU160-0090	Sulphur Creek	10/24/00	Sulfate	440 mg/L
05120111160040	WBU160-0090	Sulphur Creek	10/24/00	Zinc	750 ug/L
05120111160040	WBU160-0092	Sulphur Creek	10/24/00	pH	5.01
05120111160040	WBU160-0092	Sulphur Creek	10/24/00	Cadmium	54 ug/L
05120111160040	WBU160-0092	Sulphur Creek	10/24/00	Copper	49 ug/L
05120111160040	WBU160-0092	Sulphur Creek	10/24/00	Sulfate	520 mg/L
05120111160040	WBU160-0092	Sulphur Creek	10/24/00	Zinc	1100 ug/L
05120111160040	WBU160-0099	Unnamed Trib, Sulphur Creek	10/24/00	Dissolved Oxygen	2.98 mg/L
05120111160040	WBU160-0100	Sulphur Creek	10/24/00	pH	4.43
05120111160040	WBU160-0100	Sulphur Creek	10/24/00	Cadmium	63 ug/L
05120111160040	WBU160-0100	Sulphur Creek	10/24/00	Copper	68 ug/L
05120111160040	WBU160-0100	Sulphur Creek	10/24/00	TDS	840 mg/L
05120111160040	WBU160-0100	Sulphur Creek	10/24/00	Sulfate	590 mg/L
05120111160040	WBU160-0100	Sulphur Creek	10/24/00	Zinc	1400 ug/L
05120111160040	WBU160-0102	Sulphur Creek	10/24/00	pH	3.38
05120111160040	WBU160-0102	Sulphur Creek	10/24/00	Cadmium	86 ug/L
05120111160040	WBU160-0102	Sulphur Creek	10/24/00	Copper	99 ug/L
05120111160040	WBU160-0102	Sulphur Creek	10/24/00	Nickel	650 ug/L
05120111160040	WBU160-0102	Sulphur Creek	10/24/00	TDS	1100 mg/L
05120111160040	WBU160-0102	Sulphur Creek	10/24/00	Sulfate	950 mg/L
05120111160040	WBU160-0102	Sulphur Creek	10/24/00	Zinc	1900 ug/L
05120111160040	WBU160-0104	Sulphur Creek	10/24/00	pH	3.11
05120111160040	WBU160-0104	Sulphur Creek	10/24/00	Cadmium	110 ug/L
05120111160040	WBU160-0104	Sulphur Creek	10/24/00	Copper	130 ug/L
05120111160040	WBU160-0104	Sulphur Creek	10/24/00	Nickel	760 ug/L
05120111160040	WBU160-0104	Sulphur Creek	10/24/00	TDS	1300 mg/L
05120111160040	WBU160-0104	Sulphur Creek	10/24/00	Sulfate	890 mg/L
05120111160040	WBU160-0104	Sulphur Creek	10/24/00	Zinc	2200 ug/L
05120111160040	WBU160-0105	Sulphur Creek	10/24/00	pH	2.88
05120111160040	WBU160-0105	Sulphur Creek	10/24/00	Cadmium	130 ug/L
05120111160040	WBU160-0105	Sulphur Creek	10/24/00	Copper	160 ug/L
05120111160040	WBU160-0105	Sulphur Creek	10/24/00	Nickel	910 ug/L
05120111160040	WBU160-0105	Sulphur Creek	10/24/00	TDS	1400 mg/L
05120111160040	WBU160-0105	Sulphur Creek	10/24/00	Sulfate	350 mg/L
05120111160040	WBU160-0106	Unnamed Trib, Sulphur Creek	10/24/00	Dissolved Oxygen*	4.95 mg/L
05120111160040	WBU160-0113	Unnamed Trib, Busseron Creek	10/25/00	Dissolved Oxygen	3.38 mg/L
05120111160040	WBU160-0116	Unnamed Trib, Busseron Creek	10/25/00	Dissolved Oxygen*	4.92 mg/L
05120111160050	WBU160-0070	Unnamed Trib, Big Branch	10/24/00	TDS	1800 mg/L

Hydrologic Unit	Site	Waterbody	Date	Parameter	Level
05120111160050	WBU160-0070	Unnamed Trib, Big Branch	10/24/00	Sulfate	1200 mg/L
05120111160050	WBU160-0073	Unnamed Trib, Possum Hollow	10/16/00	Sulfate	270 mg/L
05120111160050	WBU160-0076	Unnamed	10/16/00	Dissolved Oxygen*	4.71 mg/L
05120111160050	WBU160-0081	Unnamed Trib, Big Branch	10/24/00	Sulfate	360 mg/L
05120111160050	WBU160-0144	Unnamed Trib, Big Branch	10/24/00	TDS	1700 mg/L
05120111160050	WBU160-0144	Unnamed Trib, Big Branch	10/24/00	Sulfate	1100 mg/L
05120111160050	WBU160-0180	Unnamed Trib, Big Branch	10/24/00	TDS	1600 mg/L
05120111160050	WBU160-0180	Unnamed Trib, Big Branch	10/24/00	Sulfate	500 mg/L
05120111160060	WBU160-0050	Big Branch	10/25/00	TDS	920 mg/L
05120111160060	WBU160-0050	Big Branch	10/25/00	Sulfate	1400 mg/L
05120111160060	WBU160-0051	Big Branch	10/25/00	Sulfate	1200 mg/L
05120111160060	WBU160-0053	Mud Creek	10/25/00	TDS	1500 mg/L
05120111160060	WBU160-0053	Mud Creek	10/25/00	Sulfate	920 mg/L
05120111160060	WBU160-0055	Mud Creek	10/25/00	TDS	1700 mg/L
05120111160060	WBU160-0055	Mud Creek	10/25/00	Sulfate	1000 mg/L
05120111160060	WBU160-0057	Mud Creek	10/25/00	Cadmium	6 ug/L
05120111160060	WBU160-0057	Mud Creek	10/25/00	TDS	1700 mg/L
05120111160060	WBU160-0057	Mud Creek	10/25/00	Sulfate	1100 mg/L
05120111160060	WBU160-0058	Unnamed Trib, Mud Creek	10/25/00	TDS	1400 mg/L
05120111160060	WBU160-0058	Unnamed Trib, Mud Creek	10/25/00	Sulfate	840 mg/L
05120111160060	WBU160-0061	Mud Creek	10/25/00	Sulfate	330 mg/L
05120111160060	WBU160-0062	Unnamed	10/24/00	Sulfate	350 mg/L
05120111160060	WBU160-0066	Unnamed Trib, Mud Creek	10/25/00	TDS	790 mg/L
05120111160060	WBU160-0066	Unnamed Trib, Mud Creek	10/25/00	Sulfate	470 mg/L
05120111160060	WBU160-0067	Unnamed Trib, Mud Creek	10/25/00	TDS	1500 mg/L
05120111160060	WBU160-0067	Unnamed Trib, Mud Creek	10/25/00	Sulfate	1000 mg/L
05120111160060	WBU160-0159	Unnamed	10/24/00	Sulfate	400 mg/L
05120111160070	WBU160-0044	Busseron Creek	10/24/00	TDS	820 mg/L
05120111160070	WBU160-0044	Busseron Creek	10/24/00	Sulfate	450 mg/L
05120111160070	WBU160-0083	Kettle Creek	10/24/00	Dissolved Oxygen	3.9 mg/L
05120111160080	WBU160-0043	Busseron Creek	10/25/00	Dissolved Oxygen*	4.57 mg/L
05120111160080	WBU160-0043	Busseron Creek	10/25/00	TDS	1300 mg/L
05120111160080	WBU160-0043	Busseron Creek	10/25/00	Sulfate	730 mg/L
05120111160090	WBU160-0017	Buttermilk Creek	10/26/00	Sulfate	480 mg/L
05120111160090	WBU160-0020	Buttermilk Creek	10/26/00	TDS	1200 mg/L
05120111160090	WBU160-0021	Buttermilk Creek	10/26/00	TDS	1500 mg/L
05120111160090	WBU160-0021	Buttermilk Creek	10/26/00	Sulfate	1200 mg/L
05120111160090	WBU160-0022	Unnamed Trib, Buttermilk Creek	10/26/00	Sulfate	1100 mg/L

Hydrologic Unit	Site	Waterbody	Date	Parameter	Level
05120111160090	WBU160-0024	Unnamed Trib, Buttermilk Creek	10/25/00	TDS	1200 mg/L
05120111160090	WBU160-0024	Unnamed Trib, Buttermilk Creek	10/25/00	Sulfate	1000 mg/L
05120111160090	WBU160-0181	Unnamed Trib, Buttermilk Creek	10/25/00	Dissolved Oxygen*	4.85 mg/L
05120111160090	WBU160-0181	Unnamed Trib, Buttermilk Creek	10/25/00	TDS	3700 mg/L
05120111160090	WBU160-0181	Unnamed Trib, Buttermilk Creek	10/25/00	Sulfate	490 mg/L
05120111160100	WBU160-0016	Robbins Branch	10/26/00	Dissolved Oxygen*	4.43 mg/L
05120111160100	WBU160-0035	Unnamed Trib, Buck Creek	10/26/00	Dissolved Oxygen*	4.18 mg/L
05120111160100	WBU160-0161	Unnamed Trib, Buck Creek	10/26/00	Dissolved Oxygen*	4.1 mg/L
05120111160110	WBU160-0011	Busseron Creek	10/25/00	Sulfate	360 mg/L
05120111160110	WBU160-0012	Busseron Creek	10/25/00	Sulfate	360 mg/L
05120111160110	WBU160-0015	Busseron Creek	10/25/00	Sulfate	390 mg/L
05120111160130	WBU160-0002	Busseron Creek	10/25/00	Sulfate	320 mg/L
05120111160130	WBU160-0007	Busseron Creek	10/25/00	Sulfate	280 mg/L
05120111160130	WBU160-0008	Busseron Creek	10/25/00	Sulfate	320 mg/L

*Dissolved Oxygen was less than 5.0 mg/L but was higher than 4.0 mg/L.

Appendix C Sulfate and Total Dissolved Solids Loading Calculations

14-Digit HUC	Site Name	Stream Name	SampleDate	TDS Load (lbs/day)	SO4 Load (lbs/day)
05120111160010	WBU160-0097	Busseron Cr	10/25/2000	2800	390
05120111160010	WBU160-0101	Busseron Cr	10/25/2000	1800	250
05120111160010	WBU160-0103	Busseron Cr	10/24/2000	3300	510
05120111160010	WBU160-0110	Unnamed Trib of Busseron Cr	10/24/2000	1600	350
05120111160010	WBU160-0112	Busseron Cr	10/24/2000	1100	91
05120111160010	WBU160-0119	Busseron Cr	10/24/2000	840	79
05120111160010	WBU160-0121	Busseron Cr	10/24/2000	83	14
05120111160020	WBU160-0093	Hooker Cr	10/16/2000	320	37
05120111160020	WBU160-0094	Hooker Cr	10/16/2000	1000	140
05120111160020	WBU160-0139	East Fk	10/16/2000	5500	880
05120111160020	WBU160-0139	East Fk	10/24/2000	1500	340
05120111160030	WBU160-0123	W Fk Busseron Cr	10/24/2000	4500	1200
05120111160030	WBU160-0125	Busseron Cr	10/24/2000	6900	1400
05120111160030	WBU160-0126	W Fk Busseron Cr	10/24/2000	2200	370
05120111160030	WBU160-0130	W Fk Busseron Cr	10/16/2000	6100	1700
05120111160030	WBU160-0132	W Fk Busseron Cr	10/16/2000	1200	210
05120111160030	WBU160-0134	W Fk Busseron Cr	10/16/2000	450	90
05120111160030	WBU160-0135	W Fk Busseron Cr	10/16/2000	280	47
05120111160030	WBU160-0136	Unnamed Trib of West Fk	10/16/2000	98	29
05120111160030	WBU160-0145	W Fk Busseron Cr	10/16/2000	160	25
05120111160040	WBU160-0088	Unnamed Trib of Sulphur Cr	10/25/2000	1300	720
05120111160040	WBU160-0092	Sulphur Cr	10/24/2000	11000	7500
05120111160040	WBU160-0100	Sulphur Cr	10/24/2000	11000	7500
05120111160040	WBU160-0102	Sulphur Cr	10/24/2000	10000	9000
05120111160040	WBU160-0104	Sulphur Cr	10/24/2000	11000	7200
05120111160040	WBU160-0105	Sulphur Cr	10/24/2000	13000	3200

14-Digit HUC	Site Name	Stream Name	SampleDate	TDS Load (lbs/day)	SO4 Load (lbs/day)
05120111160050	WBU160-0069	Big Br	10/24/2000	2900	310
05120111160050	WBU160-0070	Unnamed Trib of Big Br	10/24/2000	2100	1400
05120111160050	WBU160-0071	Possum Hollow	10/24/2000	4300	2100
05120111160050	WBU160-0072	Possum Hollow	10/16/2000	1400	470
05120111160050	WBU160-0073	Unnamed Trib of Possum Hollow	10/16/2000	1800	930
05120111160050	WBU160-0074	Possum Hollow	10/16/2000	970	330
05120111160050	WBU160-0076	Unnamed Trib	10/16/2000	250	72
05120111160050	WBU160-0079	Big Br	10/16/2000	4300	350
05120111160050	WBU160-0081	Unnamed Trib of Big Br	10/24/2000	530	260
05120111160050	WBU160-0144	Unnamed Trib of Big Br	10/24/2000	3300	2100
05120111160050	WBU160-0180	Unnamed Trib	10/24/2000	880	270
05120111160060	WBU160-0050	Big Br	10/25/2000	80000	120000
05120111160060	WBU160-0051	Big Br	10/25/2000	17000	42000
05120111160060	WBU160-0053	Mud Cr	10/25/2000	56000	34000
05120111160060	WBU160-0055	Mud Cr	10/25/2000	48000	28000
05120111160060	WBU160-0057	Mud Cr	10/25/2000	22000	14000
05120111160060	WBU160-0058	Unnamed Trib of Mud Cr	10/25/2000	9600	5700
05120111160060	WBU160-0061	Mud Cr	10/25/2000	1900	1000
05120111160060	WBU160-0062	Unnamed Trib	10/24/2000	1400	750
05120111160060	WBU160-0066	Unnamed Trib of Mud Cr	10/25/2000	550	330
05120111160060	WBU160-0067	Unnamed Trib of Mud Cr	10/25/2000	18000	12000
05120111160060	WBU160-0159	Unnamed Trib	10/24/2000	1500	850
05120111160070	WBU160-0044	Busseron Cr	10/24/2000	450000	250000
05120111160070	WBU160-0047	Unnamed Trib of Busseron Cr	10/24/2000	250	55
05120111160070	WBU160-0155	Kettle Cr	10/24/2000	280	47
05120111160070	WBU160-0156	Kettle Cr	10/24/2000	650	120
05120111160070	WBU160-0157	Kettle Cr	10/24/2000	1100	240
05120111160070	WBU160-0158	Unnamed Trib of Kettle Cr	10/24/2000	180	53

14-Digit HUC	Site Name	Stream Name	SampleDate	TDS Load (lbs/day)	SO4 Load (lbs/day)
05120111160080	WBU160-0045	Morrisson Cr	10/25/2000	3100	500
05120111160080	WBU160-0150	Morrison Cr	10/25/2000	400	110
05120111160080	WBU160-0154	Unnamed Trib of Morrison Cr	10/25/2000	500	340
05120111160090	WBU160-0017	Buttermilk Cr	10/26/2000	22000	18000
05120111160090	WBU160-0018	Buttermilk Cr	10/26/2000	20000	8300
05120111160090	WBU160-0020	Buttermilk Cr	10/26/2000	20000	2100
05120111160090	WBU160-0021	Buttermilk Cr	10/26/2000	5600	4500
05120111160090	WBU160-0022	Unnamed Trib of Buttermilk Cr	10/26/2000	1700	4400
05120111160090	WBU160-0023	Unnamed Trib of Buttermilk Cr	10/25/2000	550	220
05120111160090	WBU160-0024	Unnamed Trib of Buttermilk Cr	10/25/2000	1900	1600
05120111160100	WBU160-0028	Buck Cr	10/26/2000	7600	730
05120111160100	WBU160-0029	Buck Cr	10/26/2000	2000	240
05120111160100	WBU160-0030	Unnamed Trib of Buck Cr	10/26/2000	740	89
05120111160100	WBU160-0031	Unnamed Trib of Buck Cr	10/26/2000	3400	150
05120111160100	WBU160-0033	Buck Cr	10/26/2000	590	56
05120111160100	WBU160-0035	Unnamed Trib of Buck Cr	10/26/2000	550	48
05120111160100	WBU160-0037	Buck Cr	10/26/2000	530	39
05120111160100	WBU160-0038	Buck Cr	10/26/2000	160	18
05120111160110	WBU160-0147	Unnamed Trib of Busseron Cr	10/25/2000	1200	150
05120111160120	WBU160-0010	Bear Run	10/25/2000	1900	250
05120111160120	WBU160-0040	Middle Fork Cr	10/25/2000	5700	1200
05120111160120	WBU160-0041	Middle Fork Cr	10/25/2000	1800	600
05120111160120	WBU160-0042	Middle Fork Cr	10/25/2000	760	290
05120111160120	WBU160-0163	Middle Fork Cr	10/25/2000	110	29
05120111160120	WBU160-0164	Unnamed Trib of Middle Fork Cr	10/25/2000	580	140
05120111160120	WBU160-0169	Middle Fork Cr	10/25/2000	2800	740

14-Digit HUC	Site Name	Stream Name	SampleDate	TDS Load (lbs/day)	SO4 Load (lbs/day)
05120111160120	WBU160-0170	Unnamed Trib of Middle Fork Cr	10/25/2000	1200	210
05120111160130	WBU160-0002	Busseron Cr	10/25/2000	420000	220000

Appendix D Field Data

14-Digit HUC	Site Name	Stream Name	Sample Date	Sample Number	Flow (CFS)	Dissolved Oxygen (mg/L)	pH	Water Temp. (°C)	Specific Conductivity (usem/cm)	Turbidity (NTU)	Percent Dissolved Oxygen Saturation
05120111160010	WBU160-0097	Busseron Cr	10/25/2000	AA02673	3.285	9.2	7.44	15.8	275	9.7	94.1
05120111160010	WBU160-0101	Busseron Cr	10/25/2000	AA02675	2.285	8.75	7.33	15.7	250	10.2	88.9
05120111160010	WBU160-0103	Busseron Cr	10/24/2000	AA02676	4.316	8.66	7.65	19.39	222	14.5	95.3
05120111160010	WBU160-0110	Unnamed Trib of Busseron Cr	10/24/2000	AA02677	1.971	8.65	7.9	19.29	257	19.9	95.1
05120111160010	WBU160-0112	Busseron Cr	10/24/2000	AA02678	1.541	8.25	7.33	19.97	175	12.4	92.2
05120111160010	WBU160-0119	Busseron Cr	10/24/2000	AA02680	1.55	9.47	7.87	19.55	144	34.1	105
05120111160010	WBU160-0121	Busseron Cr	10/24/2000	AA02681	0.057	3.9	7.12	17.02	460	1.5	
05120111160020	WBU160-0082	Unnamed Trib of East Fk	10/16/2000	AA02647		7.96	7.1	17.29	261	14	84.3
05120111160020	WBU160-0084	Boston Cr	10/16/2000	AA02649		4.83	7	16.16	303	12	50.2
05120111160020	WBU160-0089	Boston Cr	10/16/2000	AA02650		7.58	7.27	15.73	434	8	78.4
05120111160020	WBU160-0091	Hooker Cr	10/16/2000	AA02651		7.42	7.5	15.21	597	13	75.6
05120111160020	WBU160-0093	Hooker Cr	10/16/2000	AA02652	0.16	7.97	7.48	15.03	635	0.6	81.1
05120111160020	WBU160-0094	Hooker Cr	10/16/2000	AA02653	0.485	7.1	7.15	15.15	659	3	73.2
05120111160020	WBU160-0139	East Fk	10/16/2000	AA02654	6.79	8.92	7.02	16.24	217	23	92.7
05120111160020	WBU160-0139	East Fk	10/24/2000	AA02902	1.173	7.81	7.26	19.87	409		87.3
05120111160020	WBU160-0140	East Fk	10/16/2000	AA02656		9.56	7.24	16.54	195	40	99.8
05120111160030	WBU160-0123	W Fk Busseron Cr	10/24/2000	AA02683	2.203	7.37	7.32	18.87	624	2.8	81.4
05120111160030	WBU160-0125	Busseron Cr	10/24/2000	AA02684	5.594	8.05	7.51	18.7	351	8.4	
05120111160030	WBU160-0126	W Fk Busseron Cr	10/24/2000	AA02685	1.397	7.48	7.5	18.66	489	5.6	
05120111160030	WBU160-0130	W Fk Busseron Cr	10/16/2000	AA02687	4.739	9.2	7.75	16.25	384	38.9	96
05120111160030	WBU160-0132	W Fk Busseron Cr	10/16/2000	AA02689	0.699	8.71	7.52	15.67	511	8.4	90.2
05120111160030	WBU160-0134	W Fk Busseron Cr	10/16/2000	AA02691	0.308	8.63	7.45	15.84	452	10.7	89.4
05120111160030	WBU160-0135	W Fk Busseron Cr	10/16/2000	AA02692	0.184	9.46	7.5	15.32	450	3.4	97.3
05120111160030	WBU160-0136	Unnamed Trib of West Fk	10/16/2000	AA02693	0.076	9.36	7.5	16.1	368	30.4	98
05120111160030	WBU160-0137	West Fk	10/16/2000	AA02694		9.11	7.86	16.48	399	2.4	96.1
05120111160030	WBU160-0145	W Fk Busseron Cr	10/16/2000	AA02695	0.1	5.09	6.89	16.02	466	4.5	53.2
05120111160040	WBU160-0001	Busseron Cr	10/25/2000	AA02657		8.89	7.32	17.75	619		94
05120111160040	WBU160-0088	Unnamed Trib of Sulphur Cr	10/25/2000	AA02658	0.327	5.07	7.06	15.43	1024		51.7
05120111160040	WBU160-0090	Sulphur Cr	10/24/2000	AA02659		6.14	6.07	18.71	906		67.2
05120111160040	WBU160-0092	Sulphur Cr	10/24/2000	AA02660	2.67	7.97	5.01	18.09	1018		86.1
05120111160040	WBU160-0099	Unnamed Trib of Sulphur Cr	10/24/2000	AA02661		2.98	6.44	18.36	507		32.3
05120111160040	WBU160-0100	Sulphur Cr	10/24/2000	AA02662	2.36	7.49	4.43	18.7	1127		82.2
05120111160040	WBU160-0102	Sulphur Cr	10/24/2000	AA02663	1.76	7.51	3.38	18.68	1438		82.7
05120111160040	WBU160-0104	Sulphur Cr	10/24/2000	AA02664	1.51	8.9	3.11	18.84	1640		97.2
05120111160040	WBU160-0105	Sulphur Cr	10/24/2000	AA02666	1.7	8.46	2.88	17.63	1900		91.5

14-Digit HUC	Site Name	Stream Name	Sample Date	Sample Number	Flow (CFS)	Dissolved Oxygen (mg/L)	pH	Water Temp. (°C)	Specific Conductivity (usem/cm)	Turbidity (NTU)	Percent Dissolved Oxygen Saturation
05120111160040	WBU160-0106	Unnamed Trib of Sulphur Cr	10/24/2000	AA02667		4.95	6.92	18.48	445		53.8
05120111160040	WBU160-0109	Sulphur Cr	10/24/2000	AA02668		7.36	7.23	18.5	652		80
05120111160040	WBU160-0111	Busseron Cr	10/25/2000	AA02669		7.52	7.2	16.24	477		77.4
05120111160040	WBU160-0113	Unnamed Trib of Busseron Cr	10/25/2000	AA02670		3.38	6.63	15.92	260		34.6
05120111160040	WBU160-0116	Unnamed Trib of Busseron Cr	10/25/2000	AA02671		4.92	6.65	16.1	590		50.4
05120111160050	WBU160-0069	Big Br	10/24/2000	AA02621	4.136	8.76	7.72	17.51	224		
05120111160050	WBU160-0070	Unnamed Trib of Big Br	10/24/2000	AA02623	0.22	7.98	7.13	18.68	1920		
05120111160050	WBU160-0071	Possum Hollow	10/24/2000	AA02624	1.9595	9.52	7.77	18.25	636		
05120111160050	WBU160-0072	Possum Hollow	10/16/2000	AA02625	0.95	8.92	7.71	14.88	445		
05120111160050	WBU160-0073	Unnamed Trib of Possum Hollow	10/16/2000	AA02626	0.64	8.75	7.46	16.5	693	31.8	
05120111160050	WBU160-0074	Possum Hollow	10/16/2000	AA02627	0.78	8.8	7.39	13.9	343	14.2	
05120111160050	WBU160-0076	Unnamed Trib	10/16/2000	AA02629	0.16	8	7.34	14.19	333	58.8	
05120111160050	WBU160-0076	Unnamed Trib	10/16/2000	AA02629	0.16	4.71	7.06	14.87	440	18.2	
05120111160050	WBU160-0079	Big Br	10/16/2000	AA02631	5.36	9.31	7.64	16.89	206	16.7	
05120111160050	WBU160-0081	Unnamed Trib of Big Br	10/24/2000	AA02632	0.134	7.25	7.9	21.06	1007		
05120111160050	WBU160-0144	Unnamed Trib of Big Br	10/24/2000	AA02633	0.36	7.31	6.9	18.93	1930		
05120111160050	WBU160-0180	Unnamed Trib	10/24/2000	AA02747	0.102	8.54	7.68	18.32	1870		
05120111160060	WBU160-0050	Big Br	10/25/2000	AA02634	16.061	7.01	6.82	17.99	1212		
05120111160060	WBU160-0051	Big Br	10/25/2000	AA02635	6.469	7.65	7.59	18.17	655		
05120111160060	WBU160-0053	Mud Cr	10/25/2000	AA02636	6.937	7.45	6.75	18.45	1700		
05120111160060	WBU160-0055	Mud Cr	10/25/2000	AA02637	5.244	7.76	6.58	18	1840		
05120111160060	WBU160-0057	Mud Cr	10/25/2000	AA02638	2.41	7.76	6.1	17.27	1890		
05120111160060	WBU160-0058	Unnamed Trib of Mud Cr	10/25/2000	AA02639	1.266	7.33	7.13	16.16	1730		
05120111160060	WBU160-0061	Mud Cr	10/25/2000	AA02640	0.5835	6.07	7.39	15.49	833		
05120111160060	WBU160-0062	Unnamed Trib	10/24/2000	AA02642	0.395	6.39	7.59	19.79	910		
05120111160060	WBU160-0066	Unnamed Trib of Mud Cr	10/25/2000	AA02643	0.13	8.66	7.99	17.1	1075		
05120111160060	WBU160-0067	Unnamed Trib of Mud Cr	10/25/2000	AA02644	2.172	7.13	7.29	17.08	1810		
05120111160060	WBU160-0159	Unnamed Trib	10/24/2000	AA02645	0.395	6.53	7.23	19.7	971		
05120111160070	WBU160-0044	Busseron Cr	10/24/2000	AA02696	102	7.9	7.37	18.3	1071	24	
05120111160070	WBU160-0047	Unnamed Trib of Busseron Cr	10/24/2000	AA02697	0.465	7.15	7.4	21.1	164	27	
05120111160070	WBU160-0083	Kettle Cr	10/24/2000	AA02698	0	3.9	6.99	19.6	474	14.2	
05120111160070	WBU160-0155	Kettle Cr	10/24/2000	AA02699	0.148	6.5	7.35	18.8	616	10	
05120111160070	WBU160-0156	Kettle Cr	10/24/2000	AA02700	0.3435	7.8	7.4	19.7	603	11.7	
05120111160070	WBU160-0157	Kettle Cr	10/24/2000	AA02701	1.478	9.3	7.7	20.3	222	23.6	
05120111160070	WBU160-0158	Unnamed Trib of Kettle Cr	10/24/2000	AA02702	0.09	8	7.43	21.3	542	9.2	

14-Digit HUC	Site Name	Stream Name	Sample Date	Sample Number	Flow (CFS)	Dissolved Oxygen (mg/L)	pH	Water Temp. (°C)	Specific Conductivity (usem/cm)	Turbidity (NTU)	Percent Dissolved Oxygen Saturation
05120111160080	WBU160-0043	Busseron Cr	10/25/2000	AA02703		4.57	7.15	17.4	1420	19.5	
05120111160080	WBU160-0045	Morrisson Cr	10/25/2000	AA02704	5.783	8.25	7.1	17.7	160	14	
05120111160080	WBU160-0150	Morrison Cr	10/25/2000	AA02705	0.188	5.3	7.3	16.2	596	28	
05120111160080	WBU160-0151	Morrison Cr	10/25/2000	AA02706	0	6.5	7.4	15.2	541	23	
05120111160080	WBU160-0154	Unnamed Trib of Morrison Cr	10/25/2000	AA02707	0.332	7.85	6.2	17.4	410	19	
05120111160090	WBU160-0017	Buttermilk Cr	10/26/2000	AA02916	7.03	8.85	8.08	20.07	841		
05120111160090	WBU160-0018	Buttermilk Cr	10/26/2000	AA02918	6.139	9.75	8.41	19.95	861		
05120111160090	WBU160-0020	Buttermilk Cr	10/26/2000	AA02919	3.0365	7.47	7	17.95	1500		
05120111160090	WBU160-0021	Buttermilk Cr	10/26/2000	AA02920	0.6955	7.23	7.48	16.87	1890		
05120111160090	WBU160-0022	Unnamed Trib of Buttermilk Cr	10/26/2000	AA02921	0.749	7.87	7.84	18.07	626		
05120111160090	WBU160-0023	Unnamed Trib of Buttermilk Cr	10/25/2000	AA02922	0.2	7.4	7.92	20.06	747		
05120111160090	WBU160-0024	Unnamed Trib of Buttermilk Cr	10/25/2000	AA02924	0.3	6.42	7.32	18.77	1464		
05120111160090	WBU160-0181	Unnamed Trib of Buttermilk Cr	10/25/2000	AA02748		4.85	6.75	14.8	3400		
05120111160100	WBU160-0016	Robbins Br	10/26/2000	AA02716		4.43	7.19	18.45	340		47.9
05120111160100	WBU160-0016	Robbins Br	10/26/2000	AA02716							
05120111160100	WBU160-0028	Buck Cr	10/26/2000	AA02715	4.7	7.65	6.97	18.6	529		
05120111160100	WBU160-0029	Buck Cr	10/26/2000	AA02717	1.83	5.3	7.31	17.36	370		
05120111160100	WBU160-0030	Unnamed Trib of Buck Cr	10/26/2000	AA02718	0.57	6.96	7.35	16.36	441		72.2
05120111160100	WBU160-0031	Unnamed Trib of Buck Cr	10/26/2000	AA02719	2.106	7.72	7.49	19.63	689		85.9
05120111160100	WBU160-0033	Buck Cr	10/26/2000	AA02720	0.612	6.72	7.15	17.74	282	9.4	71.4
05120111160100	WBU160-0035	Unnamed Trib of Buck Cr	10/26/2000	AA02722	0.423	4.18	7.1	17.16	424	2.8	44
05120111160100	WBU160-0037	Buck Cr	10/26/2000	AA02723	0.61	5.91	7.19	18	260	15.5	63
05120111160100	WBU160-0038	Buck Cr	10/26/2000	AA02724	0.111	5.18	7.11	16.98	487	17.2	54.2
05120111160100	WBU160-0161	Unnamed Trib of Buck Cr	10/26/2000	AA02726		4.1	6.84	17.06	449		43
05120111160110	WBU160-0011	Busseron Cr	10/25/2000	AA02904		7.32	7.26	18.46	977		78.9
05120111160110	WBU160-0012	Busseron Cr	10/25/2000	AA02905		7.11	7.27	18.36	982		77.1
05120111160110	WBU160-0015	Busseron Cr	10/25/2000	AA02906		7.29	7.25	19.42	1023		82.9
05120111160110	WBU160-0146	Unnamed Trib of Busseron Cr	10/25/2000	AA02907		6.92	7.07	17.53	604		74
05120111160110	WBU160-0147	Unnamed Trib of Busseron Cr	10/25/2000	AA02908	0.734	9.24	7.35	18.39	572		100
05120111160110	WBU160-0148	Unnamed Trib of Busseron Cr	10/25/2000	AA02909							
05120111160110	WBU160-0148	Unnamed Trib of Busseron Cr	10/25/2000	AA02909		9.12	7.43	17.83	697		98.2
05120111160110	WBU160-0149	Unnamed Trib of Busseron Cr	10/25/2000	AA02910		11.06	7.43	17.9	579		118.5
05120111160120	WBU160-0010	Bear Run	10/25/2000	AA02925	1.07	8.2	7.4	18	600	3.6	88.9
05120111160120	WBU160-0040	Middle Fork Cr	10/25/2000	AA02927	4.38	8.03	7.44	19.77	403	3.8	89.1
05120111160120	WBU160-0041	Middle Fork Cr	10/25/2000	AA02928	1.782	7.36	7.14	18.64	333	14.7	80.2
05120111160120	WBU160-0042	Middle Fork Cr	10/25/2000	AA02929	0.742	7.47	7.38	19.13	319	32.4	82
05120111160120	WBU160-0163	Middle Fork Cr	10/25/2000	AA02930	0.089	8.46	7.24	17.34	395	10.6	90.2

14-Digit HUC	Site Name	Stream Name	Sample Date	Sample Number	Flow (CFS)	Dissolved Oxygen (mg/L)	pH	Water Temp. (°C)	Specific Conductivity (usem/cm)	Turbidity (NTU)	Percent Dissolved Oxygen Saturation
05120111160120	WBU160-0164	Unnamed Trib of Middle Fork Cr	10/25/2000	AA02932	0.6	9.48	8.12	20.33	302	18.2	106.3
05120111160120	WBU160-0169	Middle Fork Cr	10/25/2000	AA02933	2.342	7.96	7.34	18.75	355	5.8	87.5
05120111160120	WBU160-0170	Unnamed Trib of Middle Fork Cr	10/25/2000	AA02934	0.872	7.71	7.27	7.02	432	3.4	81.5
05120111160130	WBU160-0002	Busseron Cr	10/25/2000	AA02911	128	7.41	7.36	19.06	897		81.3
05120111160130	WBU160-0007	Busseron Cr	10/25/2000	AA02912		7.85	7.44	18.61	887		85.8
05120111160130	WBU160-0008	Busseron Cr	10/25/2000	AA02913		7.26	7.41	18.56	915		84.3

Note: Blank cells indicate that flow measurements were not possible or the hydrolab was not equipped to measure turbidity of percent saturation.

Appendix E Metals and Hardness Laboratory Data

14-Digit HUC	Site Name	Sample Date	Sample Number	Arsenic	Cadmium	Chromium, Total	Copper	Hardness (as CaCO3)	Hardness (as CaCO3) Calculated	Lead (Total)	Mercury	Nickel	Selenium	Zinc (Total)
5120111160010	WBU160-0097	10/25/2000	AA02673	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		116 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160010	WBU160-0101	10/25/2000	AA02675	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		103 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160010	WBU160-0103	10/24/2000	AA02676	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		90 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160010	WBU160-0110	10/24/2000	AA02677	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		113 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	13 ug/L
5120111160010	WBU160-0112	10/24/2000	AA02678	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	50 mg/L		<2 ug/L	<0.2 ug/L	2.3 ug/L	<3 ug/L	<10 ug/L
5120111160010	WBU160-0119	10/24/2000	AA02680	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	38 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160010	WBU160-0121	10/24/2000	AA02681	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		175 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160020	WBU160-0082	10/16/2000	AA02647	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		99 mg/L (QJ)	4.6 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	11 ug/L
5120111160020	WBU160-0084	10/16/2000	AA02649	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L	190 mg/L		<2 ug/L	<0.2 ug/L	2.3 ug/L	<3 ug/L	<10 ug/L
5120111160020	WBU160-0089	10/16/2000	AA02650	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		205 mg/L (QJ)	2.1 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160020	WBU160-0091	10/16/2000	AA02651	<4 ug/L	<1 ug/L	<3 ug/L	6.9 ug/L		313 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	12 ug/L
5120111160020	WBU160-0093	10/16/2000	AA02652	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L	400 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160020	WBU160-0094	10/16/2000	AA02653	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		304 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160020	WBU160-0139	10/16/2000	AA02654	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		92 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160020	WBU160-0139	10/24/2000	AA02902	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L (J)		160 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160020	WBU160-0140	10/16/2000	AA02656	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		84 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0123	10/24/2000	AA02683	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		251 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0125	10/24/2000	AA02684	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		144 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0126	10/24/2000	AA02685	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	160 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0130	10/16/2000	AA02687	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		164 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0132	10/16/2000	AA02689	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		207 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0134	10/16/2000	AA02691	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		200 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0135	10/16/2000	AA02692	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L	130 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0136	10/16/2000	AA02693	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		149 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	10 ug/L
5120111160030	WBU160-0137	10/16/2000	AA02694	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		158 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160030	WBU160-0145	10/16/2000	AA02695	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L	260 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160040	WBU160-0001	10/25/2000	AA02657	<4 ug/L	2.5 ug/L	<3 ug/L	3 ug/L	170 mg/L		<2 ug/L (J)	<0.2 ug/L	26 ug/L	<3 ug/L (J)	49 ug/L
5120111160040	WBU160-0088	10/25/2000	AA02658	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L	360 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160040	WBU160-0090	10/24/2000	AA02659	<4 ug/L	35 ug/L	<3 ug/L	18 ug/L		429 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	290 ug/L	<3 ug/L (J)	750 ug/L
5120111160040	WBU160-0092	10/24/2000	AA02660	<4 ug/L	54 ug/L	<3 ug/L	49 ug/L	340 mg/L		<2 ug/L (J)	<0.2 ug/L	420 ug/L	<3 ug/L (J)	1100 ug/L
5120111160040	WBU160-0099	10/24/2000	AA02661	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		187 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	12 ug/L	<3 ug/L (J)	<10 ug/L
5120111160040	WBU160-0100	10/24/2000	AA02662	<4 ug/L	63 ug/L	<3 ug/L	68 ug/L	420 mg/L		<2 ug/L (J)	<0.2 ug/L	480 ug/L	<3 ug/L (J)	1400 ug/L

14-Digit HUC	Site Name	Sample Date	Sample Number	Arsenic	Cadmium	Chromium, Total	Copper	Hardness (as CaCO3)	Hardness (as CaCO3) Calculated	Lead (Total)	Mercury	Nickel	Selenium	Zinc (Total)
5120111160040	WBU160-0102	10/24/2000	AA02663	<4 ug/L	86 ug/L	7.5 ug/L	99 ug/L	420 mg/L		<2 ug/L (J)	<0.2 ug/L	650 ug/L	<3 ug/L (J)	1900 ug/L
5120111160040	WBU160-0104	10/24/2000	AA02664	<4 ug/L	110 ug/L	14 ug/L	130 ug/L	470 mg/L (DJ)		<2 ug/L (J)	<0.2 ug/L	760 ug/L	<3 ug/L (J)	2200 ug/L
5120111160040	WBU160-0105	10/24/2000	AA02666	<4 ug/L	130 ug/L	18 ug/L	160 ug/L	620 mg/L		<2 ug/L (J)	<0.2 ug/L	910 ug/L	<3 ug/L (J)	290 ug/L
5120111160040	WBU160-0106	10/24/2000	AA02667	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		187 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160040	WBU160-0109	10/24/2000	AA02668	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L (J)		256 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160040	WBU160-0111	10/25/2000	AA02669	<4 ug/L	<1 ug/L	<3 ug/L	7.9 ug/L (J)		195 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	3 ug/L	<3 ug/L (J)	20 ug/L
5120111160040	WBU160-0113	10/25/2000	AA02670	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L (J)	63 mg/L		<2 ug/L (J)	<0.2 ug/L	17 ug/L	<3 ug/L (J)	<10 ug/L
5120111160040	WBU160-0116	10/25/2000	AA02671	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L (J)		194 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160050	WBU160-0069	10/24/2000	AA02621	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	70 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160050	WBU160-0070	10/24/2000	AA02623	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	760 mg/L		<2 ug/L (J)	<0.2 ug/L	8.9 ug/L	<3 ug/L (J)	24 ug/L
5120111160050	WBU160-0071	10/24/2000	AA02624	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	210 mg/L		<2 ug/L (J)	<0.2 ug/L	2.4 ug/L	<3 ug/L (J)	<10 ug/L
5120111160050	WBU160-0072	10/16/2000	AA02625	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		169 mg/L (QJ)	4.4 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160050	WBU160-0073	10/16/2000	AA02626	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		357 mg/L (QJ)	5.9 ug/L	<0.2 ug/L	3.4 ug/L	<3 ug/L	<10 ug/L
5120111160050	WBU160-0074	10/16/2000	AA02627	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		133 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160050	WBU160-0076	10/16/2000	AA02629	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		205 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160050	WBU160-0079	10/16/2000	AA02631	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		82 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160050	WBU160-0081	10/24/2000	AA02632	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		532 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160050	WBU160-0144	10/24/2000	AA02633	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	690 mg/L		<2 ug/L (J)	<0.2 ug/L	11 ug/L	<3 ug/L (J)	39 ug/L
5120111160050	WBU160-0180	10/24/2000	AA02747	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	1200 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160060	WBU160-0050	10/25/2000	AA02634	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	490 mg/L		<2 ug/L (J)	<0.2 ug/L	14 ug/L	<3 ug/L (J)	76 ug/L
5120111160060	WBU160-0051	10/25/2000	AA02635	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		306 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160060	WBU160-0053	10/25/2000	AA02636	<4 ug/L (J)	2.7 ug/L	<3 ug/L	<3 ug/L	660 mg/L		<2 ug/L (J)	<0.2 ug/L	31 ug/L	<3 ug/L (J)	180 ug/L
5120111160060	WBU160-0055	10/25/2000	AA02637	<4 ug/L (J)	4 ug/L	<3 ug/L	3.7 ug/L	690 mg/L		<2 ug/L (J)	<0.2 ug/L	41 ug/L	<3 ug/L (J)	290 ug/L
5120111160060	WBU160-0057	10/25/2000	AA02638	<4 ug/L (J)	6 ug/L	<3 ug/L	4.9 ug/L	700 mg/L		<2 ug/L (J)	<0.2 ug/L	53 ug/L	<3 ug/L (J)	470 ug/L
5120111160060	WBU160-0058	10/25/2000	AA02639	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	1100 mg/L		<2 ug/L (J)	<0.2 ug/L	17 ug/L	<3 ug/L (J)	13 ug/L
5120111160060	WBU160-0061	10/25/2000	AA02640	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	570 mg/L		<2 ug/L (J)	<0.2 ug/L	3.4 ug/L	<3 ug/L (J)	<10 ug/L
5120111160060	WBU160-0062	10/24/2000	AA02642	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		460 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160060	WBU160-0066	10/25/2000	AA02643	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		528 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160060	WBU160-0067	10/25/2000	AA02644	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	270 mg/L		<2 ug/L (J)	<0.2 ug/L	16 ug/L	<3 ug/L (J)	12 ug/L
5120111160060	WBU160-0159	10/24/2000	AA02645	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		470 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160070	WBU160-0044	10/24/2000	AA02696	<4 ug/L	1.4 ug/L	<3 ug/L (J)	<3 ug/L	280 mg/L		<2 ug/L (J)	<0.2 ug/L	15 ug/L	<3 ug/L	31 ug/L
5120111160070	WBU160-0047	10/24/2000	AA02697	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L	41 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	12 ug/L
5120111160070	WBU160-0083	10/24/2000	AA02698	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L		205 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	4.8 ug/L	<3 ug/L	17 ug/L

14-Digit HUC	Site Name	Sample Date	Sample Number	Arsenic	Cadmium	Chromium, Total	Copper	Hardness (as CaCO3)	Hardness (as CaCO3) Calculated	Lead (Total)	Mercury	Nickel	Selenium	Zinc (Total)
5120111160070	WBU160-0155	10/24/2000	AA02699	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L	140 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160070	WBU160-0156	10/24/2000	AA02700	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L		200 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160070	WBU160-0157	10/24/2000	AA02701	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L	55 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160070	WBU160-0158	10/24/2000	AA02702	<4 ug/L	<1 ug/L	<3 ug/L (J)	7.1 ug/L		232 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	14 ug/L
5120111160080	WBU160-0043	10/25/2000	AA02703	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L	400 mg/L		2.7 ug/L (J)	<0.2 ug/L	2.1 ug/L	<3 ug/L	<10 ug/L
5120111160080	WBU160-0045	10/25/2000	AA02704	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L	44 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160080	WBU160-0150	10/25/2000	AA02705	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L		226 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160080	WBU160-0151	10/25/2000	AA02706	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L		212 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160080	WBU160-0154	10/25/2000	AA02707	<4 ug/L	<1 ug/L	<3 ug/L (J)	<3 ug/L		157 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	2.6 ug/L	<3 ug/L	<10 ug/L
5120111160090	WBU160-0017	10/26/2000	AA02916	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	420 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160090	WBU160-0018	10/26/2000	AA02918	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		317 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160090	WBU160-0020	10/26/2000	AA02919	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		696 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	10 ug/L	<3 ug/L (J)	25 ug/L
5120111160090	WBU160-0021	10/26/2000	AA02920	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	300 mg/L		<2 ug/L (J)	<0.2 ug/L	2.7 ug/L	<3 ug/L (J)	<10 ug/L
5120111160090	WBU160-0022	10/26/2000	AA02921	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		294 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160090	WBU160-0023	10/25/2000	AA02922	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		248 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	15 ug/L
5120111160090	WBU160-0024	10/25/2000	AA02924	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L		857 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	2.5 ug/L	<3 ug/L (J)	<10 ug/L
5120111160090	WBU160-0181	10/25/2000	AA02748	<4 ug/L (J)	<1 ug/L	<3 ug/L	<3 ug/L	2600 mg/L		<2 ug/L (J)	<0.2 ug/L	9.3 ug/L	<3 ug/L (J)	<10 ug/L
5120111160100	WBU160-0016	10/26/2000	AA02716	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		113 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160100	WBU160-0028	10/26/2000	AA02715	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		198 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160100	WBU160-0029	10/26/2000	AA02717	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L	100 mg/L		<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160100	WBU160-0030	10/26/2000	AA02718	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		168 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160100	WBU160-0031	10/26/2000	AA02719	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		227 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160100	WBU160-0033	10/26/2000	AA02720	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		105 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160100	WBU160-0035	10/26/2000	AA02722	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		176 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160100	WBU160-0037	10/26/2000	AA02723	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		93 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160100	WBU160-0038	10/26/2000	AA02724	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	100 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160100	WBU160-0161	10/26/2000	AA02726	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		177 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160110	WBU160-0011	10/25/2000	AA02904	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L (J)		388 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	5.9 ug/L	<3 ug/L (J)	<10 ug/L
5120111160110	WBU160-0012	10/25/2000	AA02905	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		398 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	5.9 ug/L	<3 ug/L (J)	<10 ug/L
5120111160110	WBU160-0015	10/25/2000	AA02906	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L	130 mg/L		<2 ug/L (J)	<0.2 ug/L	7.3 ug/L	<3 ug/L (J)	<10 ug/L
5120111160110	WBU160-0146	10/25/2000	AA02907	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		248 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160110	WBU160-0147	10/25/2000	AA02908	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		228 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L

14-Digit HUC	Site Name	Sample Date	Sample Number	Arsenic	Cadmium	Chromium, Total	Copper	Hardness (as CaCO3)	Hardness (as CaCO3) Calculated	Lead (Total)	Mercury	Nickel	Selenium	Zinc (Total)
5120111160110	WBU160-0148	10/25/2000	AA02909	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		264 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	16 ug/L
5120111160110	WBU160-0149	10/25/2000	AA02910	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		223 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	<2 ug/L	<3 ug/L (J)	<10 ug/L
5120111160120	WBU160-0010	10/25/2000	AA02925	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		264 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160120	WBU160-0040	10/25/2000	AA02927	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		147 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160120	WBU160-0041	10/25/2000	AA02928	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	58 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160120	WBU160-0042	10/25/2000	AA02929	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	68 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160120	WBU160-0163	10/25/2000	AA02930	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		165 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	3.4 ug/L	<10 ug/L
5120111160120	WBU160-0164	10/25/2000	AA02932	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	63 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160120	WBU160-0169	10/25/2000	AA02933	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L	56 mg/L		<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	<10 ug/L
5120111160120	WBU160-0170	10/25/2000	AA02934	<4 ug/L	<1 ug/L (J)	<3 ug/L	<3 ug/L		165 mg/L (QJ)	<2 ug/L	<0.2 ug/L	<2 ug/L	<3 ug/L	14 ug/L
5120111160130	WBU160-0002	10/25/2000	AA02911	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		371 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	4.1 ug/L	<3 ug/L (J)	<10 ug/L
5120111160130	WBU160-0007	10/25/2000	AA02912	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		359 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	4.3 ug/L	<3 ug/L (J)	<10 ug/L
5120111160130	WBU160-0008	10/25/2000	AA02913	<4 ug/L	<1 ug/L	<3 ug/L	<3 ug/L		378 mg/L (QJ)	<2 ug/L (J)	<0.2 ug/L	4.3 ug/L	<3 ug/L (J)	<10 ug/L

Note: Calculated hardness was used in lieu of colorimetric method 130.1 due to laboratory QA/QC failure. Other blank cells indicate rejected data.
Data Flags: Estimated (J), one or more QC checks or criteria was out of control (J), the parameter was found in the lab or field blank (B), the relative percent difference for this parameter was above the acceptable control limits (D), analysis performed outside of holding time (H).

Appendix F General Chemistry and Cyanide Laboratory Data

14-Digit HUC	Site Name	Sample Date	Sample Number	Alkalinity	Chemical Oxygen Demand	Chloride	Cyanide (Total)	Phosphorus, Total	Total Dissolved Solids	Total Suspended Solids	Total Solids	Sulfate
5120111160010	WBU160-0097	10/25/2000	AA02673	80 mg/L	14 mg/L	8.2 mg/L	<0.005 mg/L	0.08 mg/L	160 mg/L	7 mg/L	170 mg/L	22 mg/L
5120111160010	WBU160-0101	10/25/2000	AA02675	80 mg/L	11 mg/L	7.9 mg/L	<0.005 mg/L	0.13 mg/L	150 mg/L	9 mg/L	160 mg/L	20 mg/L
5120111160010	WBU160-0103	10/24/2000	AA02676	60 mg/L	18 mg/L	6.5 mg/L	<0.005 mg/L	0.16 mg/L	140 mg/L	11 mg/L	140 mg/L	22 mg/L
5120111160010	WBU160-0110	10/24/2000	AA02677	80 mg/L	15 mg/L	3.5 mg/L	<0.005 mg/L	0.071 mg/L	150 mg/L	20 mg/L	140 mg/L	33 mg/L
5120111160010	WBU160-0112	10/24/2000	AA02678	70 mg/L (DJ)	22 mg/L	9.3 mg/L	<0.005 mg/L	0.24 mg/L	130 mg/L	8 mg/L	120 mg/L	11 mg/L
5120111160010	WBU160-0119	10/24/2000	AA02680	40 mg/L	26 mg/L	9.1 mg/L	<0.005 mg/L	0.29 mg/L	100 mg/L	10 mg/L	110 mg/L	9.4 mg/L
5120111160010	WBU160-0121	10/24/2000	AA02681	140 mg/L	19 mg/L	21 mg/L	<0.005 mg/L	0.14 mg/L	270 mg/L	<4 mg/L	260 mg/L	47 mg/L
5120111160020	WBU160-0082	10/16/2000	AA02647	90 mg/L	13 mg/L	14 mg/L	<0.005 mg/L (B)	0.17 mg/L	160 mg/L	11 mg/L	170 mg/L	17 mg/L
5120111160020	WBU160-0084	10/16/2000	AA02649	90 mg/L	28 mg/L	4.8 mg/L	<0.005 mg/L (B)	0.19 mg/L	210 mg/L	13 mg/L	230 mg/L	54 mg/L
5120111160020	WBU160-0089	10/16/2000	AA02650	190 mg/L	15 mg/L	9.4 mg/L		0.085 mg/L	260 mg/L	<4 mg/L	280 mg/L	23 mg/L
5120111160020	WBU160-0091	10/16/2000	AA02651	300 mg/L	<5 mg/L	11 mg/L	<0.005 mg/L (B)	0.08 mg/L	380 mg/L	<4 mg/L	400 mg/L	40 mg/L
5120111160020	WBU160-0093	10/16/2000	AA02652	280 mg/L	11 mg/L	12 mg/L		0.068 mg/L	370 mg/L	<4 mg/L	380 mg/L	43 mg/L
5120111160020	WBU160-0094	10/16/2000	AA02653	260 mg/L	11 mg/L	26 mg/L	<0.005 mg/L (B)	0.088 mg/L	390 mg/L	7 mg/L	530 mg/L	54 mg/L
5120111160020	WBU160-0139	10/16/2000	AA02654	80 mg/L	22 mg/L	5.4 mg/L	<0.005 mg/L (B)	0.099 mg/L	150 mg/L	12 mg/L	170 mg/L	24 mg/L
5120111160020	WBU160-0139	10/24/2000	AA02902	120 mg/L	20 mg/L (J)	8.4 mg/L (HJ)	<0.005 mg/L	0.06 mg/L	240 mg/L	<4 mg/L	220 mg/L	54 mg/L
5120111160020	WBU160-0140	10/16/2000	AA02656	80 mg/L	30 mg/L	5.1 mg/L	<0.005 mg/L (B)	0.15 mg/L	140 mg/L	11 mg/L	170 mg/L	21 mg/L
5120111160030	WBU160-0123	10/24/2000	AA02683	180 mg/L	<5 mg/L	19 mg/L	<0.005 mg/L	0.068 mg/L	380 mg/L	4 mg/L	350 mg/L	100 mg/L
5120111160030	WBU160-0125	10/24/2000	AA02684	100 mg/L	13 mg/L	9.6 mg/L	<0.005 mg/L	0.099 mg/L	230 mg/L	7 mg/L	200 mg/L	47 mg/L
5120111160030	WBU160-0126	10/24/2000	AA02685	150 mg/L	5.3 mg/L	20 mg/L	<0.005 mg/L	0.091 mg/L	290 mg/L	<4 mg/L	290 mg/L	49 mg/L
5120111160030	WBU160-0130	10/16/2000	AA02687	130 mg/L		7.4 mg/L	<0.005 mg/L (B)	0.15 mg/L	240 mg/L	39 mg/L	310 mg/L	67 mg/L
5120111160030	WBU160-0132	10/16/2000	AA02689			21 mg/L	<0.005 mg/L (B)	0.3 mg/L	320 mg/L	11 mg/L	330 mg/L	56 mg/L
5120111160030	WBU160-0134	10/16/2000	AA02691	160 mg/L		9.7 mg/L	0.084 mg/L (BJ)	0.06 mg/L	270 mg/L	11 mg/L	300 mg/L	54 mg/L
5120111160030	WBU160-0135	10/16/2000	AA02692	170 mg/L		13 mg/L	<0.005 mg/L (B)	0.068 mg/L	280 mg/L	4 mg/L	280 mg/L	47 mg/L
5120111160030	WBU160-0136	10/16/2000	AA02693	110 mg/L		4.6 mg/L	<0.005 mg/L (B)	0.097 mg/L	240 mg/L	22 mg/L	250 mg/L	71 mg/L
5120111160030	WBU160-0137	10/16/2000	AA02694	120 mg/L		6.8 mg/L		0.041 mg/L	250 mg/L	8 mg/L	270 mg/L	74 mg/L
5120111160030	WBU160-0145	10/16/2000	AA02695	170 mg/L	<5 mg/L (B)	12 mg/L	<0.005 mg/L (B)	0.1 mg/L	290 mg/L	9 mg/L	310 mg/L	46 mg/L
5120111160040	WBU160-0001	10/25/2000	AA02657	<10 mg/L	14 mg/L	9.4 mg/L	<0.005 mg/L (HJB)	0.08 mg/L	390 mg/L	23 mg/L	380 mg/L	180 mg/L
5120111160040	WBU160-0088	10/25/2000	AA02658	150 mg/L	7.2 mg/L	3.7 mg/L		<0.03 mg/L	740 mg/L	4 mg/L	790 mg/L	410 mg/L
5120111160040	WBU160-0090	10/24/2000	AA02659	20 mg/L	<5 mg/L	8.6 mg/L	<0.005 mg/L	0.051 mg/L	680 mg/L	8 mg/L	660 mg/L	440 mg/L
5120111160040	WBU160-0092	10/24/2000	AA02660	<10 mg/L	<5 mg/L	8.8 mg/L	<0.005 mg/L	<0.03 mg/L	740 mg/L	6 mg/L	770 mg/L	520 mg/L
5120111160040	WBU160-0099	10/24/2000	AA02661	80 mg/L	<5 mg/L	17 mg/L	<0.005 mg/L	0.07 mg/L	330 mg/L	<4 mg/L	310 mg/L	140 mg/L
5120111160040	WBU160-0100	10/24/2000	AA02662	<10 mg/L	<5 mg/L	9.3 mg/L (HJ)	<0.005 mg/L	<0.03 mg/L	840 mg/L	24 mg/L	940 mg/L	590 mg/L

14-Digit HUC	Site Name	Sample Date	Sample Number	Alkalinity	Chemical Oxygen Demand	Chloride	Cyanide (Total)	Phosphorus, Total	Total Dissolved Solids	Total Suspended Solids	Total Solids	Sulfate
5120111160040	WBU160-0102	10/24/2000	AA02663	<10 mg/L	<5 mg/L	9.6 mg/L (HJ)	<0.005 mg/L	0.038 mg/L	1100 mg/L	10 mg/L	1200 mg/L	950 mg/L
5120111160040	WBU160-0104	10/24/2000	AA02664	<10 mg/L	<5 mg/L	10 mg/L (HJ)	<0.005 mg/L	0.26 mg/L	1300 mg/L	16 mg/L	1300 mg/L	890 mg/L
5120111160040	WBU160-0105	10/24/2000	AA02666	<10 mg/L	<5 mg/L	6.3 mg/L (HJ)	<0.005 mg/L	0.078 mg/L	1400 mg/L	20 mg/L	1500 mg/L	350 mg/L
5120111160040	WBU160-0106	10/24/2000	AA02667	150 mg/L	18 mg/L	11 mg/L (HJ)	<0.005 mg/L	0.11 mg/L	280 mg/L	<4 mg/L	240 mg/L	40 mg/L
5120111160040	WBU160-0109	10/24/2000	AA02668	220 mg/L	17 mg/L	23 mg/L (HJ)	<0.005 mg/L	0.17 mg/L	370 mg/L	8 mg/L	390 mg/L	77 mg/L
5120111160040	WBU160-0111	10/25/2000	AA02669	120 mg/L	25 mg/L (J)	11 mg/L	<0.005 mg/L (HJB)	0.098 mg/L	300 mg/L	15 mg/L	300 mg/L	87 mg/L
5120111160040	WBU160-0113	10/25/2000	AA02670	60 mg/L	34 mg/L (J)	8.9 mg/L	<0.005 mg/L (HJB)	0.13 mg/L	170 mg/L	15 mg/L	170 mg/L	36 mg/L
5120111160040	WBU160-0116	10/25/2000	AA02671	110 mg/L	14 mg/L (J)	54 mg/L	<0.005 mg/L (HJB)	0.066 mg/L	350 mg/L	10 mg/L	320 mg/L	70 mg/L
5120111160050	WBU160-0069	10/24/2000	AA02621	80 mg/L	14 mg/L	11 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	130 mg/L	5 mg/L	140 mg/L	14 mg/L
5120111160050	WBU160-0070	10/24/2000	AA02623	140 mg/L	9.4 mg/L	2.4 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	1800 mg/L	27 mg/L	1800 mg/L	1200 mg/L (HJ)
5120111160050	WBU160-0071	10/24/2000	AA02624	120 mg/L	16 mg/L	6.6 mg/L	<0.005 mg/L (HJ)	0.039 mg/L	410 mg/L	12 mg/L	440 mg/L	200 mg/L
5120111160050	WBU160-0072	10/16/2000	AA02625	130 mg/L	<5 mg/L	6.1 mg/L	<0.005 mg/L	0.088 mg/L	280 mg/L	11 mg/L	290 mg/L	92 mg/L
5120111160050	WBU160-0073	10/16/2000	AA02626	100 mg/L	16 mg/L	3.4 mg/L	<0.005 mg/L	0.14 mg/L	510 mg/L	22 mg/L	530 mg/L	270 mg/L
5120111160050	WBU160-0074	10/16/2000	AA02627	80 mg/L	<5 mg/L	5.5 mg/L	<0.005 mg/L	0.15 mg/L	230 mg/L	34 mg/L	250 mg/L	79 mg/L
5120111160050	WBU160-0076	10/16/2000	AA02629	130 mg/L	7.9 mg/L	6.8 mg/L	<0.005 mg/L	0.061 mg/L	290 mg/L	<4 mg/L	290 mg/L	84 mg/L
5120111160050	WBU160-0079	10/16/2000	AA02631	70 mg/L	<5 mg/L	13 mg/L	<0.005 mg/L	0.065 mg/L	150 mg/L	11 mg/L	130 mg/L	12 mg/L
5120111160050	WBU160-0081	10/24/2000	AA02632	210 mg/L	11 mg/L	1.9 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	730 mg/L	12 mg/L	750 mg/L	360 mg/L
5120111160050	WBU160-0144	10/24/2000	AA02633	130 mg/L	6.1 mg/L	2 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	1700 mg/L	34 mg/L	1800 mg/L	1100 mg/L (HJ)
5120111160050	WBU160-0180	10/24/2000	AA02747	180 mg/L	<5 mg/L	2.8 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	1600 mg/L	17 mg/L	1800 mg/L	500 mg/L (HJ)
5120111160060	WBU160-0050	10/25/2000	AA02634	70 mg/L	14 mg/L	5.7 mg/L	<0.005 mg/L (HJ)	0.048 mg/L	920 mg/L	29 mg/L	1000 mg/L	1400 mg/L (HJ)
5120111160060	WBU160-0051	10/25/2000	AA02635	110 mg/L	18 mg/L	7.3 mg/L	<0.005 mg/L (HJ)	0.031 mg/L	480 mg/L	5 mg/L	470 mg/L	1200 mg/L (HJ)
5120111160060	WBU160-0053	10/25/2000	AA02636	60 mg/L	8.3 mg/L	3.7 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	1500 mg/L	34 mg/L	1600 mg/L	920 mg/L (HJ)
5120111160060	WBU160-0055	10/25/2000	AA02637	50 mg/L	14 mg/L	4.3 mg/L	<0.005 mg/L (HJ)	0.06 mg/L	1700 mg/L	58 mg/L	1600 mg/L	1000 mg/L (HJ)
5120111160060	WBU160-0057	10/25/2000	AA02638	50 mg/L	12 mg/L	2.9 mg/L	<0.005 mg/L (HJ)	0.044 mg/L	1700 mg/L	59 mg/L	1700 mg/L	1100 mg/L (HJ)
5120111160060	WBU160-0058	10/25/2000	AA02639	160 mg/L	<5 mg/L	7.9 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	1400 mg/L	7 mg/L	1500 mg/L	840 mg/L (HJ)
5120111160060	WBU160-0061	10/25/2000	AA02640	120 mg/L	11 mg/L	4.1 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	620 mg/L	6 mg/L	640 mg/L	330 mg/L
5120111160060	WBU160-0062	10/24/2000	AA02642	140 mg/L	20 mg/L	2.2 mg/L	<0.005 mg/L (HJ)	0.031 mg/L	650 mg/L	8 mg/L	840 mg/L	350 mg/L
5120111160060	WBU160-0066	10/25/2000	AA02643	150 mg/L	18 mg/L	2.4 mg/L	<0.005 mg/L (HJ)	0.041 mg/L	790 mg/L	<4 mg/L	830 mg/L	470 mg/L
5120111160060	WBU160-0067	10/25/2000	AA02644	160 mg/L	7.9 mg/L	7.2 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	1500 mg/L	8 mg/L	1600 mg/L	1000 mg/L (HJ)
5120111160060	WBU160-0159	10/24/2000	AA02645	150 mg/L	15 mg/L	2.6 mg/L	<0.005 mg/L (HJ)	0.041 mg/L	700 mg/L	13 mg/L	1500 mg/L	

14-Digit HUC	Site Name	Sample Date	Sample Number	Alkalinity	Chemical Oxygen Demand	Chloride	Cyanide (Total)	Phosphorus, Total	Total Dissolved Solids	Total Suspended Solids	Total Solids	Sulfate
5120111160070	WBU160-0044	10/24/2000	AA02696	120 mg/L	13 mg/L	8 mg/L	0.005 mg/L (J)	0.064 mg/L	820 mg/L	16 mg/L	960 mg/L	450 mg/L
5120111160070	WBU160-0047	10/24/2000	AA02697	80 mg/L	19 mg/L	2.2 mg/L	<0.005 mg/L (J)	0.11 mg/L	100 mg/L	22 mg/L	120 mg/L	22 mg/L
5120111160070	WBU160-0083	10/24/2000	AA02698	120 mg/L	22 mg/L	6.9 mg/L	<0.005 mg/L (J)	0.13 mg/L	310 mg/L	10 mg/L	380 mg/L	110 mg/L
5120111160070	WBU160-0155	10/24/2000	AA02699	100 mg/L	6.8 mg/L	77 mg/L	<0.005 mg/L (J)	0.14 mg/L	350 mg/L	<4 mg/L	440 mg/L	59 mg/L
5120111160070	WBU160-0156	10/24/2000	AA02700	120 mg/L	15 mg/L	70 mg/L	<0.005 mg/L (J)	0.15 mg/L	350 mg/L	4 mg/L	410 mg/L	63 mg/L
5120111160070	WBU160-0157	10/24/2000	AA02701	50 mg/L	21 mg/L	12 mg/L	<0.005 mg/L (J)	0.095 mg/L	140 mg/L	14 mg/L	150 mg/L	30 mg/L
5120111160070	WBU160-0158	10/24/2000	AA02702	120 mg/L	11 mg/L	19 mg/L	<0.005 mg/L (J)	0.033 mg/L	380 mg/L	10 mg/L	400 mg/L	110 mg/L
5120111160080	WBU160-0043	10/25/2000	AA02703	220 mg/L	15 mg/L	11 mg/L	<0.005 mg/L (J)	0.14 mg/L	1300 mg/L	18 mg/L	1500 mg/L	730 mg/L
5120111160080	WBU160-0045	10/25/2000	AA02704	40 mg/L	19 mg/L	6.9 mg/L	<0.005 mg/L (J)	0.064 mg/L	100 mg/L	9 mg/L	110 mg/L	16 mg/L
5120111160080	WBU160-0150	10/25/2000	AA02705	130 mg/L	11 mg/L	56 mg/L	<0.005 mg/L (J)	0.14 mg/L	400 mg/L	9 mg/L	430 mg/L	110 mg/L (HJ)
5120111160080	WBU160-0151	10/25/2000	AA02706	120 mg/L	13 mg/L	45 mg/L	<0.005 mg/L (J)	0.12 mg/L	530 mg/L	6 mg/L	390 mg/L	60 mg/L
5120111160080	WBU160-0154	10/25/2000	AA02707	30 mg/L	<5 mg/L	3.9 mg/L	<0.005 mg/L (J)	<0.03 mg/L	280 mg/L	12 mg/L	320 mg/L	190 mg/L
5120111160090	WBU160-0017	10/26/2000	AA02916	130 mg/L	14 mg/L	8.1 mg/L		0.05 mg/L	580 mg/L	5 mg/L	590 mg/L	480 mg/L (HJ)
5120111160090	WBU160-0018	10/26/2000	AA02918	100 mg/L	13 mg/L	4.9 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	600 mg/L	6 mg/L	640 mg/L	250 mg/L (HJ)
5120111160090	WBU160-0020	10/26/2000	AA02919	110 mg/L	8.3 mg/L	8.2 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	1200 mg/L	20 mg/L	1400 mg/L	130 mg/L (HJ)
5120111160090	WBU160-0021	10/26/2000	AA02920	190 mg/L	<5 mg/L	18 mg/L	<0.005 mg/L (HJ)	0.096 mg/L	1500 mg/L	15 mg/L	1700 mg/L	1200 mg/L (HJ)
5120111160090	WBU160-0022	10/26/2000	AA02921	150 mg/L	13 mg/L	3 mg/L	<0.005 mg/L (HJ)	<0.03 mg/L	410 mg/L	5 mg/L	440 mg/L	1100 mg/L (HJ)
5120111160090	WBU160-0023	10/25/2000	AA02922	240 mg/L	14 mg/L	46 mg/L	<0.005 mg/L (HJ)	1.9 mg/L	510 mg/L	5 mg/L		200 mg/L (HJ)
5120111160090	WBU160-0024	10/25/2000	AA02924	150 mg/L	21 mg/L	13 mg/L	<0.005 mg/L (HJ)	0.12 mg/L	1200 mg/L	19 mg/L	1300 mg/L	1000 mg/L (HJ)
5120111160090	WBU160-0181	10/25/2000	AA02748	210 mg/L	<5 mg/L	4 mg/L	<0.005 mg/L (HJ)	0.033 mg/L	3700 mg/L	32 mg/L	3400 mg/L	490 mg/L (HJ)
5120111160100	WBU160-0016	10/26/2000	AA02716	100 mg/L	29 mg/L	15 mg/L	<0.005 mg/L	0.12 mg/L (J)	190 mg/L	5 mg/L	190 mg/L	22 mg/L (HJ)
5120111160100	WBU160-0028	10/26/2000	AA02715	160 mg/L	26 mg/L	40 mg/L	<0.005 mg/L	0.47 mg/L (J)	300 mg/L	6 mg/L	300 mg/L	29 mg/L (HJ)
5120111160100	WBU160-0029	10/26/2000	AA02717	90 mg/L	21 mg/L	22 mg/L	<0.005 mg/L (HJ)	0.13 mg/L (J)	200 mg/L	5 mg/L	220 mg/L	24 mg/L (HJ)
5120111160100	WBU160-0030	10/26/2000	AA02718	140 mg/L	24 mg/L (DJ)	24 mg/L	<0.005 mg/L (HJ)	0.12 mg/L (J)	240 mg/L	10 mg/L	260 mg/L	29 mg/L (HJ)
5120111160100	WBU160-0031	10/26/2000	AA02719	170 mg/L	34 mg/L	55 mg/L	<0.005 mg/L (HJ)	1.1 mg/L	300 mg/L	12 mg/L	390 mg/L	13 mg/L (HJ)
5120111160100	WBU160-0033	10/26/2000	AA02720	60 mg/L	23 mg/L	19 mg/L	<0.005 mg/L (HJ)	0.14 mg/L	180 mg/L	7 mg/L	170 mg/L	17 mg/L (HJ)
5120111160100	WBU160-0035	10/26/2000	AA02722	130 mg/L	14 mg/L	31 mg/L	<0.005 mg/L (HJ)	0.12 mg/L	240 mg/L	7 mg/L	260 mg/L	21 mg/L (HJ)
5120111160100	WBU160-0037	10/26/2000	AA02723	60 mg/L	20 mg/L	20 mg/L	<0.005 mg/L (HJ)	0.15 mg/L	160 mg/L	12 mg/L	180 mg/L	12 mg/L (HJ)
5120111160100	WBU160-0038	10/26/2000	AA02724	140 mg/L	16 mg/L	46 mg/L	<0.005 mg/L (HJ)	0.088 mg/L	270 mg/L	<4 mg/L	290 mg/L	30 mg/L (HJ)
5120111160100	WBU160-0161	10/26/2000	AA02726	140 mg/L	16 mg/L	25 mg/L	<0.005 mg/L (HJ)	0.13 mg/L	260 mg/L	<4 mg/L	260 mg/L	29 mg/L (HJ)

14-Digit HUC	Site Name	Sample Date	Sample Number	Alkalinity	Chemical Oxygen Demand	Chloride	Cyanide (Total)	Phosphorus, Total	Total Dissolved Solids	Total Suspended Solids	Total Solids	Sulfate
5120111160110	WBU160-0011	10/25/2000	AA02904	130 mg/L	16 mg/L (J)	12 mg/L (HJ)	<0.005 mg/L	0.093 mg/L	650 mg/L	16 mg/L	650 mg/L	360 mg/L
5120111160110	WBU160-0012	10/25/2000	AA02905	140 mg/L	18 mg/L (J)	12 mg/L	<0.005 mg/L (HJB)	0.072 mg/L	610 mg/L	11 mg/L	690 mg/L	360 mg/L
5120111160110	WBU160-0015	10/25/2000	AA02906	140 mg/L	18 mg/L (J)	9.2 mg/L	<0.005 mg/L (HJB)	0.078 mg/L	700 mg/L	<4 mg/L	740 mg/L	390 mg/L
5120111160110	WBU160-0146	10/25/2000	AA02907	150 mg/L	7.9 mg/L (J)	37 mg/L	<0.005 mg/L (HJB)	0.048 mg/L	340 mg/L	<4 mg/L	330 mg/L	39 mg/L
5120111160110	WBU160-0147	10/25/2000	AA02908	140 mg/L	9.8 mg/L (J)	40 mg/L	<0.005 mg/L (HJB)	0.067 mg/L	300 mg/L	<4 mg/L	310 mg/L	39 mg/L
5120111160110	WBU160-0148	10/25/2000	AA02909	150 mg/L	12 mg/L (DJ)	61 mg/L	<0.005 mg/L (HJB)	0.23 mg/L	400 mg/L	48 mg/L	450 mg/L	51 mg/L
5120111160110	WBU160-0149	10/25/2000	AA02910	150 mg/L	<5 mg/L (J)	49 mg/L	<0.005 mg/L (HJB)	0.065 mg/L (J)	310 mg/L	<4 mg/L	310 mg/L	43 mg/L
5120111160120	WBU160-0010	10/25/2000	AA02925	170 mg/L	6.8 mg/L	41 mg/L	<0.005 mg/L	0.067 mg/L	330 mg/L	12 mg/L	320 mg/L	44 mg/L
5120111160120	WBU160-0040	10/25/2000	AA02927	100 mg/L	<5 mg/L	21 mg/L	<0.005 mg/L (HJ)	0.055 mg/L	240 mg/L	8 mg/L	250 mg/L	50 mg/L
5120111160120	WBU160-0041	10/25/2000	AA02928	80 mg/L	16 mg/L	9.2 mg/L	<0.005 mg/L (HBJ)	0.071 mg/L	190 mg/L	5 mg/L	210 mg/L	62 mg/L
5120111160120	WBU160-0042	10/25/2000	AA02929	70 mg/L	22 mg/L	7.6 mg/L	<0.005 mg/L (HBJ)	0.11 mg/L	190 mg/L	50 mg/L	230 mg/L	72 mg/L
5120111160120	WBU160-0163	10/25/2000	AA02930	120 mg/L	<5 mg/L	9.9 mg/L	<0.005 mg/L (HBJ)	<0.03 mg/L	230 mg/L	15 mg/L	240 mg/L	60 mg/L
5120111160120	WBU160-0164	10/25/2000	AA02932	80 mg/L	96 mg/L	12 mg/L	<0.005 mg/L (HBJ)	0.11 mg/L	180 mg/L	25 mg/L	200 mg/L	44 mg/L
5120111160120	WBU160-0169	10/25/2000	AA02933	80 mg/L	19 mg/L	<1 mg/L	<0.005 mg/L	0.047 mg/L	220 mg/L	10 mg/L	210 mg/L	59 mg/L
5120111160120	WBU160-0170	10/25/2000	AA02934	10 mg/L	8.7 mg/L	26 mg/L	<0.005 mg/L (HBJ)	0.052 mg/L	260 mg/L	5 mg/L	280 mg/L	44 mg/L
5120111160130	WBU160-0002	10/25/2000	AA02911	120 mg/L	9 mg/L (J)	13 mg/L	<0.005 mg/L (HJB)	0.13 mg/L (J)	610 mg/L	6 mg/L	630 mg/L	320 mg/L
5120111160130	WBU160-0007	10/25/2000	AA02912	130 mg/L	7.6 mg/L (J)	13 mg/L	<0.005 mg/L (HJB)	0.14 mg/L (J)	550 mg/L	5 mg/L	610 mg/L	280 mg/L
5120111160130	WBU160-0008	10/25/2000	AA02913	130 mg/L	9 mg/L (J)	13 mg/L	<0.005 mg/L (HJB)	0.11 mg/L (J)	580 mg/L	4 mg/L	640 mg/L	320 mg/L

Note: Blank cells indicate rejected data.

Data Flags: Estimated (J), one or more QC checks or criteria was out of control (J), the parameter was found in the lab or field blank (B), the relative percent difference for this parameter was above the acceptable control limits (D), analysis performed outside of holding time (H).

Appendix G Nutrient Laboratory Data

14-Digit HUC	Site Name	Sample Date	Sample Number	Nitrogen, Ammonia	Nitrogen, Nitrate+Nitrite	Nitrogen, Total Kjeldahl	Phosphorus, Total	Total Organic Carbon
5120111160010	WBU160-0097	10/25/2000	AA02673	<0.1 mg/L (HJ)			0.08 mg/L	5.1 mg/L
5120111160010	WBU160-0101	10/25/2000	AA02675	0.11 mg/L (HJ)			0.13 mg/L	6 mg/L
5120111160010	WBU160-0103	10/24/2000	AA02676	<0.1 mg/L (HJ)			0.16 mg/L	5.9 mg/L
5120111160010	WBU160-0110	10/24/2000	AA02677	<0.1 mg/L (HJ)			0.071 mg/L	3.8 mg/L
5120111160010	WBU160-0112	10/24/2000	AA02678	0.16 mg/L (HJ)			0.24 mg/L	7.9 mg/L
5120111160010	WBU160-0119	10/24/2000	AA02680	0.18 mg/L (HJ)			0.29 mg/L	8.5 mg/L
5120111160010	WBU160-0121	10/24/2000	AA02681	0.15 mg/L (HJ)			0.14 mg/L	6.6 mg/L
5120111160020	WBU160-0082	10/16/2000	AA02647	0.28 mg/L	0.65 mg/L (HJ)	1.2 mg/L	0.17 mg/L	6.9 mg/L
5120111160020	WBU160-0084	10/16/2000	AA02649	<0.1 mg/L	<0.01 mg/L (HJ)	1.2 mg/L	0.19 mg/L	8 mg/L
5120111160020	WBU160-0089	10/16/2000	AA02650	0.14 mg/L	0.02 mg/L (HJ)	0.41 mg/L	0.085 mg/L	5.7 mg/L
5120111160020	WBU160-0091	10/16/2000	AA02651	<0.1 mg/L	0.14 mg/L (HJ)	0.55 mg/L	0.08 mg/L	4.5 mg/L
5120111160020	WBU160-0093	10/16/2000	AA02652	0.17 mg/L	0.16 mg/L (HJ)	0.18 mg/L	0.068 mg/L	3.9 mg/L
5120111160020	WBU160-0094	10/16/2000	AA02653	0.15 mg/L	1.1 mg/L (HJ)	0.47 mg/L	0.088 mg/L	4.6 mg/L
5120111160020	WBU160-0139	10/16/2000	AA02654	<0.1 mg/L	0.25 mg/L (HJ)	1 mg/L	0.099 mg/L	6.9 mg/L
5120111160020	WBU160-0139	10/24/2000	AA02902	<0.1 mg/L (HJ)		0.5 mg/L (HJ)	0.06 mg/L	4.9 mg/L
5120111160020	WBU160-0140	10/16/2000	AA02656	0.14 mg/L	0.21 mg/L (HJ)	1.3 mg/L	0.15 mg/L	6.4 mg/L
5120111160030	WBU160-0123	10/24/2000	AA02683	<0.1 mg/L (HJ)			0.068 mg/L	4.8 mg/L
5120111160030	WBU160-0125	10/24/2000	AA02684	<0.1 mg/L (HJ)			0.099 mg/L	5.8 mg/L
5120111160030	WBU160-0126	10/24/2000	AA02685	<0.1 mg/L (HJ)			0.091 mg/L	5.2 mg/L
5120111160030	WBU160-0130	10/16/2000	AA02687			0.74 mg/L	0.15 mg/L	3.2 mg/L
5120111160030	WBU160-0132	10/16/2000	AA02689			0.58 mg/L	0.3 mg/L	3.9 mg/L
5120111160030	WBU160-0134	10/16/2000	AA02691	<0.1 mg/L (B)	0.096 mg/L (BHJ)	0.66 mg/L	0.06 mg/L	4 mg/L
5120111160030	WBU160-0135	10/16/2000	AA02692			0.47 mg/L	0.068 mg/L	4.6 mg/L
5120111160030	WBU160-0136	10/16/2000	AA02693			0.41 mg/L	0.097 mg/L	4.1 mg/L
5120111160030	WBU160-0137	10/16/2000	AA02694			0.89 mg/L	0.041 mg/L	6 mg/L
5120111160030	WBU160-0145	10/16/2000	AA02695			0.68 mg/L	0.1 mg/L	4.7 mg/L
5120111160040	WBU160-0001	10/25/2000	AA02657	0.1 mg/L (HJ)		0.53 mg/L (HJ)	0.08 mg/L	5.3 mg/L
5120111160040	WBU160-0088	10/25/2000	AA02658	<0.1 mg/L (HJ)		0.22 mg/L (HJ)	<0.03 mg/L	7.4 mg/L
5120111160040	WBU160-0090	10/24/2000	AA02659	<0.1 mg/L (HJ)		0.4 mg/L (HJ)	0.051 mg/L	3.6 mg/L
5120111160040	WBU160-0092	10/24/2000	AA02660	<0.1 mg/L (HJ)		0.37 mg/L (HJ)	<0.03 mg/L	3 mg/L
5120111160040	WBU160-0099	10/24/2000	AA02661	<0.1 mg/L (HJ)		0.62 mg/L (HJ)	0.07 mg/L	6.6 mg/L
5120111160040	WBU160-0100	10/24/2000	AA02662	<0.1 mg/L (HJ)		0.27 mg/L (HJ)	<0.03 mg/L	3.4 mg/L
5120111160040	WBU160-0102	10/24/2000	AA02663	<0.1 mg/L (HJ)		0.51 mg/L (HJ)	0.038 mg/L	3.1 mg/L
5120111160040	WBU160-0104	10/24/2000	AA02664	0.12 mg/L (HJ)		0.32 mg/L (HJ)	0.26 mg/L	2.6 mg/L
5120111160040	WBU160-0105	10/24/2000	AA02666	0.19 mg/L (HJ)		0.53 mg/L (HJ)	0.078 mg/L	2.3 mg/L
5120111160040	WBU160-0106	10/24/2000	AA02667	<0.1 mg/L (HJ)		0.48 mg/L (HJ)	0.11 mg/L	8.9 mg/L
5120111160040	WBU160-0109	10/24/2000	AA02668	<0.1 mg/L (HJ)		0.79 mg/L (HJ)	0.17 mg/L	8.2 mg/L
5120111160040	WBU160-0111	10/25/2000	AA02669	<0.1 mg/L (HJ)		0.51 mg/L (HJ)	0.098 mg/L	6 mg/L
5120111160040	WBU160-0113	10/25/2000	AA02670	<0.1 mg/L (HJ)		0.65 mg/L (HJ)	0.13 mg/L	13 mg/L
5120111160040	WBU160-0116	10/25/2000	AA02671	<0.1 mg/L (HJ)		0.26 mg/L (HJ)	0.066 mg/L	4.9 mg/L
5120111160050	WBU160-0069	10/24/2000	AA02621				<0.03 mg/L	5 mg/L
5120111160050	WBU160-0070	10/24/2000	AA02623				<0.03 mg/L	2.5 mg/L
5120111160050	WBU160-0071	10/24/2000	AA02624				0.039 mg/L	5.2 mg/L
5120111160050	WBU160-0072	10/16/2000	AA02625	<0.1 mg/L		0.75 mg/L	0.088 mg/L	5.5 mg/L
5120111160050	WBU160-0073	10/16/2000	AA02626	0.14 mg/L		0.95 mg/L	0.14 mg/L	6.1 mg/L
5120111160050	WBU160-0074	10/16/2000	AA02627	<0.1 mg/L		0.79 mg/L	0.15 mg/L	6.4 mg/L
5120111160050	WBU160-0076	10/16/2000	AA02629	<0.1 mg/L		0.16 mg/L	0.061 mg/L	2.9 mg/L

14-Digit HUC	Site Name	Sample Date	Sample Number	Nitrogen, Ammonia	Nitrogen, Nitrate+Nitrite	Nitrogen, Total Kjeldahl	Phosphorus, Total	Total Organic Carbon
5120111160050	WBU160-0079	10/16/2000	AA02631	<0.1 mg/L	1.1 mg/L (BHJ)	0.53 mg/L	0.065 mg/L	5.5 mg/L
5120111160050	WBU160-0081	10/24/2000	AA02632				<0.03 mg/L	2.8 mg/L
5120111160050	WBU160-0144	10/24/2000	AA02633				<0.03 mg/L	2.3 mg/L
5120111160050	WBU160-0180	10/24/2000	AA02747				<0.03 mg/L	2.8 mg/L
5120111160060	WBU160-0050	10/25/2000	AA02634				0.048 mg/L	4.1 mg/L
5120111160060	WBU160-0051	10/25/2000	AA02635				0.031 mg/L	5.3 mg/L
5120111160060	WBU160-0053	10/25/2000	AA02636				<0.03 mg/L	2.6 mg/L
5120111160060	WBU160-0055	10/25/2000	AA02637				0.06 mg/L	2.4 mg/L
5120111160060	WBU160-0057	10/25/2000	AA02638				0.044 mg/L	2.3 mg/L
5120111160060	WBU160-0058	10/25/2000	AA02639				<0.03 mg/L	1.9 mg/L
5120111160060	WBU160-0061	10/25/2000	AA02640				<0.03 mg/L	3.7 mg/L
5120111160060	WBU160-0062	10/24/2000	AA02642				0.031 mg/L	4.9 mg/L
5120111160060	WBU160-0066	10/25/2000	AA02643				0.041 mg/L	4.8 mg/L
5120111160060	WBU160-0067	10/25/2000	AA02644				<0.03 mg/L	2.2 mg/L
5120111160060	WBU160-0159	10/24/2000	AA02645				0.041 mg/L	4.8 mg/L
5120111160070	WBU160-0044	10/24/2000	AA02696				0.064 mg/L	5.1 mg/L
5120111160070	WBU160-0047	10/24/2000	AA02697				0.11 mg/L	6.4 mg/L
5120111160070	WBU160-0083	10/24/2000	AA02698				0.13 mg/L	9 mg/L
5120111160070	WBU160-0155	10/24/2000	AA02699				0.14 mg/L	5 mg/L
5120111160070	WBU160-0156	10/24/2000	AA02700				0.15 mg/L	5.9 mg/L
5120111160070	WBU160-0157	10/24/2000	AA02701				0.095 mg/L	6.9 mg/L
5120111160070	WBU160-0158	10/24/2000	AA02702				0.033 mg/L	5.6 mg/L
5120111160080	WBU160-0043	10/25/2000	AA02703				0.14 mg/L	7 mg/L
5120111160080	WBU160-0045	10/25/2000	AA02704				0.064 mg/L	5.6 mg/L
5120111160080	WBU160-0150	10/25/2000	AA02705				0.14 mg/L	5.9 mg/L
5120111160080	WBU160-0151	10/25/2000	AA02706				0.12 mg/L	5.2 mg/L
5120111160080	WBU160-0154	10/25/2000	AA02707				<0.03 mg/L	3 mg/L
5120111160090	WBU160-0017	10/26/2000	AA02916				0.05 mg/L	4.4 mg/L
5120111160090	WBU160-0018	10/26/2000	AA02918				<0.03 mg/L	<1 mg/L
5120111160090	WBU160-0020	10/26/2000	AA02919				<0.03 mg/L	3.1 mg/L
5120111160090	WBU160-0021	10/26/2000	AA02920				0.096 mg/L	3.9 mg/L
5120111160090	WBU160-0022	10/26/2000	AA02921				<0.03 mg/L	4.1 mg/L
5120111160090	WBU160-0023	10/25/2000	AA02922				1.9 mg/L	4.8 mg/L
5120111160090	WBU160-0024	10/25/2000	AA02924				0.12 mg/L	4.9 mg/L
5120111160090	WBU160-0181	10/25/2000	AA02748				0.033 mg/L	1.1 mg/L
5120111160100	WBU160-0016	10/26/2000	AA02716	<0.1 mg/L (HJ)		1.1 mg/L (HJ)	0.12 mg/L (J)	8.1 mg/L
5120111160100	WBU160-0028	10/26/2000	AA02715	0.32 mg/L (HJ)		1.2 mg/L (HJ)	0.47 mg/L (J)	6.1 mg/L
5120111160100	WBU160-0029	10/26/2000	AA02717	<0.1 mg/L (HJ)		0.8 mg/L (HJ)	0.13 mg/L (J)	6.4 mg/L
5120111160100	WBU160-0030	10/26/2000	AA02718	<0.1 mg/L (HJ)		0.48 mg/L (HJ)	0.12 mg/L (J)	5.6 mg/L
5120111160100	WBU160-0031	10/26/2000	AA02719	1.3 mg/L (HJ)		2.5 mg/L (HJB)	1.1 mg/L	6.8 mg/L
5120111160100	WBU160-0033	10/26/2000	AA02720	0.13 mg/L (HJ)			0.14 mg/L	7.4 mg/L
5120111160100	WBU160-0035	10/26/2000	AA02722	<0.1 mg/L (HJ)			0.12 mg/L	5.9 mg/L
5120111160100	WBU160-0037	10/26/2000	AA02723	0.14 mg/L (HJ)			0.15 mg/L	7 mg/L
5120111160100	WBU160-0038	10/26/2000	AA02724	<0.1 mg/L (HJ)			0.088 mg/L	6.1 mg/L
5120111160100	WBU160-0161	10/26/2000	AA02726	<0.1 mg/L (HJ)		0.64 mg/L (HJ)	0.13 mg/L	6.2 mg/L
5120111160110	WBU160-0011	10/25/2000	AA02904	<0.1 mg/L (HJ)		0.41 mg/L (HJ)	0.093 mg/L	4.6 mg/L

14-Digit HUC	Site Name	Sample Date	Sample Number	Nitrogen, Ammonia	Nitrogen, Nitrate+Nitrite	Nitrogen, Total Kjeldahl	Phosphorus, Total	Total Organic Carbon
5120111160110	WBU160-0012	10/25/2000	AA02905	<0.1 mg/L (HJ)		0.46 mg/L (HJ)	0.072 mg/L	4.6 mg/L
5120111160110	WBU160-0015	10/25/2000	AA02906	<0.1 mg/L (HJ)		0.46 mg/L (HJ)	0.078 mg/L	4.7 mg/L
5120111160110	WBU160-0146	10/25/2000	AA02907	<0.1 mg/L (HJ)		<0.1 mg/L (HJ)	0.048 mg/L	2.2 mg/L
5120111160110	WBU160-0147	10/25/2000	AA02908	<0.1 mg/L (HJ)		<0.1 mg/L (HJ)	0.067 mg/L	2.4 mg/L
5120111160110	WBU160-0148	10/25/2000	AA02909	<0.1 mg/L (HJ)		0.82 mg/L (HJ)	0.23 mg/L	4.3 mg/L
5120111160110	WBU160-0149	10/25/2000	AA02910	<0.1 mg/L (HJ)		<0.1 mg/L (HJ)	0.065 mg/L (J)	2.1 mg/L
5120111160120	WBU160-0010	10/25/2000	AA02925	<0.1 mg/L (HJ)			0.067 mg/L	2.4 mg/L
5120111160120	WBU160-0040	10/25/2000	AA02927	<0.1 mg/L (HJ)			0.055 mg/L	4.8 mg/L
5120111160120	WBU160-0041	10/25/2000	AA02928	0.13 mg/L (HJ)			0.071 mg/L	6 mg/L
5120111160120	WBU160-0042	10/25/2000	AA02929	0.45 mg/L (HJ)			0.11 mg/L	5.6 mg/L
5120111160120	WBU160-0163	10/25/2000	AA02930	<0.1 mg/L (HJ)			<0.03 mg/L	3 mg/L
5120111160120	WBU160-0164	10/25/2000	AA02932	<0.1 mg/L (HJ)			0.11 mg/L	8.2 mg/L
5120111160120	WBU160-0169	10/25/2000	AA02933	<0.1 mg/L (HJ)			0.047 mg/L	6 mg/L
5120111160120	WBU160-0170	10/25/2000	AA02934	<0.1 mg/L (HJ)			0.052 mg/L	3.2 mg/L
5120111160130	WBU160-0002	10/25/2000	AA02911	<0.1 mg/L (HJ)			0.13 mg/L (J)	4.4 mg/L
5120111160130	WBU160-0007	10/25/2000	AA02912	<0.1 mg/L (HJ)		0.23 mg/L (HJ)	0.14 mg/L (J)	4.3 mg/L
5120111160130	WBU160-0008	10/25/2000	AA02913	<0.1 mg/L (HJ)		0.39 mg/L (HJ)	0.11 mg/L (J)	4.5 mg/L

Note: Blank cells indicate rejected data.
Data Flags: Estimated (J), one or more QC checks or criteria was out of control (J), the parameter was found in the lab or field blank (B), the relative percent difference for this parameter was above the acceptable control limits (D), analysis performed outside of holding time (H).

(d) IDEM – TMDL