

Appendix 3: Water Year 2001 Farm-level TP Load Reduction

This appendix provides the water quality data for individual farms within the EAA Basin for Water Year 2001 (WY2001). It includes the farm's percent reduction for the Water Year (WY) as compared to the farm's baseline year and provides the farm's flow-weighted mean concentration for the WY.

Unit area ID is an identification assigned by the database for tracking the data for a given farm. Basin ID is the identification of the farm as listed in the permit.

Early Baseline indicates whether a farm qualifies for Early Baseline status by having implemented BMPs and established a baseline by a specific deadline. "Y" indicates an Early Baseline farm and "N" indicates that it is not.

Definitions

Baseline Year: The Water Year for which the farm established its pre-BMP base period load.

Rain Adjusted Unit Area Load: Baseline is the rain-adjusted TP load per unit area for the baseline year for a farm.

WY01: The rain-adjusted TP load per unit area for the current Water Year for a farm.

WY01 % TP Reduction: The Water 2001 load reduction for the farm compared to the baseline year.

WY01 TP Concentration (ppb): The flow-weighted mean concentration for the farm for Water Year 2001.

Unit Area ID	Basin ID	Early Baseline	Baseline Year	Rain Adjusted Unit Area Load (lb/ac)		WY01 TP Reduction (%)	WY01 TP Concentration (ppb)	Comments*
				Baseline	WY01			
005	26-001-01	Y	1994	2.12	0.30	86	115	
191	26-002-01	N	TBD	TBD	0.00	N/A	N/A	No discharge
200	26-003-01	N	1999	0.27	0.07	73	35	
201	26-004-01	N	1999	1.22	0.59	52	192	
190	26-006-01	N	1998	1.19	0.70	41	318	
196	26-007-01	N	1999	2.07	1.22	41	81	
005	26-008-01	Y	1994	2.12	0.30	86	115	
195	26-009-01	N	1999	0.74	1.21	-63	95	
021	26-010-01	N	1995	1.81	0.32	83	150	
012	26-010-02	N	1995	6.21	0.85	86	273	
166	50-002-01	Y	1994	3.21	0.94	71	218	
165	50-002-02	Y	1994	2.90	0.57	80	150	
047	50-003-01	Y	1994	0.40	0.36	9	266	
040	50-003-02	Y	1994	0.62	0.94	-52	146	
138	50-003-03	N	1995	0.22	1.85	-729	302	
152	50-004-01	Y	1994	3.68	0.57	85	178	
039	50-005-01	Y	1994	0.91	0.29	67	63	
050	50-005-02	Y	1994	0.06	1.89	-2942	1108	
048	50-005-03	Y	1994	0.26	0.18	29	122	
037	50-005-04	Y	1994	1.49	0.42	72	551	
011	50-005-05	Y	1994	1.95	0.68	65	205	
078	50-005-06	Y	1994	1.56	0.22	86	141	
134	50-006-01	Y	1994	4.53	0.90	80	128	
143	50-006-02	Y	1994	5.50	0.93	83	175	
141	50-006-03	Y	1994	3.55	1.31	63	240	
063	50-007-01	Y	1994	1.56	0.69	56	126	
116	50-007-02	Y	1994	15.11	1.00	93	222	
020	50-008-01	Y	1994	0.34	0.16	54	73	
024	50-009-01	Y	1994	1.13	0.29	74	115	
060	50-009-02	Y	1994	3.57	0.91	74	174	
030	50-009-03	Y	1994	4.15	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (57 Sampled)
194	50-009-04	N	1999	5.19	4.14	20	455	
211	50-009-05	N	1999	8.71	2.35	73	505	
104	50-010-01	N	1995	2.42	0.42	83	141	
102	50-010-02	N	1994	1.80	1.05	42	157	
055	50-010-03	Y	1994	1.31	0.50	62	123	
148	50-010-04	Y	1994	4.76	1.73	64	182	
193	50-010-05	N	2000	Baseline Year	0.26	N/A	74	
112	50-011-01	Y	1994	2.76	0.69	75	156	
075	50-011-03	Y	1994	5.79	4.42	24	721	
089	50-011-04	Y	1994	5.21	13.27	-155	1217	
202	50-011-06	N	1999	0.02	0.44	-2790	158	
120	50-012-01	Y	1994	4.06	1.86	54	123	
114	50-013-01	Y	1994	24.22	3.31	86	496	

*TBD = to be determined

Unit Area ID	Basin ID	Early Baseline	Baseline Year	Rain Adjusted Unit Area Load (lb/ac)		WY01 TP Reduction (%)	WY01 TP Concentration (ppb)	Comments*
				Baseline	WY01			
077	50-014-01	Y	1994	1.37	0.15	89	113	
188	50-015-01	Y	1994	2.62	1.42	46	301	
168	50-015-02	Y	1994	5.28	1.36	74	334	
129	50-016-01	Y	1994	15.11	1.60	89	228	
091	50-017-01	Y	1994	3.22	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (0% sampled)
187	50-018-01	Y	1994	2.82	0.64	77	135	
186	50-018-02	Y	1994	3.54	1.01	71	152	
179	50-018-03	Y	1994	1.98	0.93	53	127	
015	50-018-04	Y	1994	3.88	0.24	94	77	
016	50-018-05	N	1995	3.64	0.89	75	223	
014	50-018-06	Y	1994	1.46	0.58	60	236	
005	50-018-07	Y	1994	2.12	0.30	86	115	
006	50-018-08	Y	1994	2.28	0.19	92	66	
019	50-018-09	Y	1994	4.22	0.61	85	145	
145	50-018-10	Y	1994	3.05	1.49	51	194	
159	50-018-11	Y	1994	19.73	2.36	88	232	
172	50-018-12	Y	1994	1.78	0.62	65	103	
178	50-018-13	Y	1994	0.40	1.14	-186	129	
056	50-018-14	N	1994	2.21	1.51	32	71	
079	50-018-15	Y	1994	1.12	0.52	54	204	
095	50-018-16	Y	1994	4.11	1.23	70	123	
043	50-018-17	Y	1994	3.10	1.26	59	184	
051	50-018-18	Y	1994	0.64	0.87	-36	155	
046	50-018-19	Y	1994	35.32	2.38	93	202	
044	50-018-20	Y	1994	3.59	1.15	68	193	
001	50-018-21	N	1998	1.06	0.45	57	75	
017	50-018-22	Y	1994	8.18	0.47	94	114	
054	50-018-23	Y	1994	2.22	0.81	64	158	
053	50-018-24	Y	1994	1.96	0.38	80	102	
052	50-018-25	Y	1994	4.99	0.62	88	214	
067	50-019-01	Y	1994	1.54	0.28	81	56	
036	50-019-02	Y	1994	1.38	1.74	-26	335	
031	50-019-03	Y	1994	0.58	0.09	85	87	
164	50-020-01	Y	1994	3.32	0.61	82	141	
111	50-021-01	Y	1994	8.92	0.97	89	182	
049	50-022-01	Y	1994	0.80	0.04	95	81	
139	50-023-01	Y	1994	11.83	4.51	62	400	
032	50-024-01	N	1995	6.43	0.56	91	389	
153	50-025-01	Y	1994	3.68	0.88	76	229	
072	50-027-01	Y	1994	2.40	0.75	69	186	
140	50-027-02	Y	1994	1.22	0.49	60	108	
147	50-027-03	Y	1994	2.32	0.73	69	312	
144	50-027-04	Y	1994	2.10	0.39	81	158	
086	50-028-01	Y	1994	14.54	0.55	96	87	
094	50-029-01	Y	1994	2.48	0.43	83	108	
156	50-030-01	Y	1994	14.14	1.09	92	221	

*TBD = to be determined

Unit Area ID	Basin ID	Early Baseline	Baseline Year	Rain Adjusted Unit Area Load (lb/ac)		WY01 TP Reduction (%)	WY01 TP Concentration (ppb)	Comments*
				Baseline	WY01			
107	50-031-01	Y	1994	2.56	0.82	68	50	
150	50-031-02	Y	1994	5.48	3.69	33	396	
151	50-031-03	Y	1994	8.57	2.55	70	286	
096	50-032-01	Y	1994	0.84	0.57	32	107	
167	50-033-01	Y	1994	12.52	1.71	86	309	
065	50-034-01	Y	1994	1.68	0.92	45	114	
069	50-034-02	Y	1994	3.37	0.61	82	135	
070	50-034-03	Y	1994	4.08	0.88	78	211	
071	50-034-04	Y	1994	1.54	0.66	57	234	
137	50-035-01	Y	1994	5.74	0.86	85	227	
115	50-035-02	Y	1994	5.40	2.40	56	357	
208	50-035-03	N	1999	8.71	6.48	26	160	
169	50-037-01	Y	1994	6.70	2.69	60	358	
160	50-038-01	Y	1994	3.71	1.33	64	417	
083	50-039-01	N	1995	4.01	0.08	98	206	
084	50-039-02	N	1995	4.25	1.19	72	148	
184	50-040-01	N	1995	1.40	0.32	77	67	
183	50-040-02	N	1995	3.61	2.14	41	250	
149	50-041-01	N	1998	2.69	1.89	30	132	
057	50-041-02	N	1998	2.44	0.91	63	64	
034	50-042-01	N	1995	0.14	0.11	23	109	
003	50-043-01	N	1995	1.86	0.30	84	448	
174	50-044-01	N	1997	6.13	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (13% sampled)
087	50-045-01	N	1995	4.35	0.27	94	158	
085	50-045-02	N	1995	1.41	0.58	59	117	
056	50-046-01	N	1994	2.21	1.51	32	71	
161	50-047-01	N	1996	1.46	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (73% sampled)
163	50-047-02	N	1995	0.84	0.91	-8	263	
157	50-047-03	N	1997	0.44	0.21	51	72	
136	50-047-04	N	1996	0.68	0.28	59	144	
162	50-047-05	N	1997	0.55	2.39	-334	290	
155	50-047-07	N	1996	0.67	0.45	33	151	
158	50-047-08	N	1996	0.96	0.46	52	96	
074	50-048-01	N	1995	1.25	0.66	47	79	
090	50-048-02	N	1995	0.36	1.17	-223	377	
180	50-049-01	N	1996	2.35	1.23	48	238	
022	50-050-01	N	1996	0.36	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (0% sampled)
110	50-051-01	N	1995	0.97	0.84	13	52	
146	50-053-01	N	1995	5.16	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (71% sampled)
170	50-054-01	N	1996	0.84	0.54	35	132	
173	50-054-02	N	1996	0.50	0.71	-43	230	
130	50-054-03	N	1996	0.35	0.38	-7	172	
127	50-054-04	N	1996	0.82	0.46	44	108	
073	50-055-01	N	1997	0.86	0.74	14	113	

*TBD = to be determined

Unit Area ID	Basin ID	Early Baseline	Baseline Year	Rain Adjusted Unit Area Load (lb/ac)		WY01 TP Reduction (%)	WY01 TP Concentration (ppb)	Comments*
				Baseline	WY01			
142	50-055-02	N	1999	0.45	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (65% sampled)
121	50-055-03	N	1996	0.18	0.41	-130	76	
117	50-055-04	N	1995	1.44	0.16	89	118	
105	50-056-01	N	1996	0.98	0.56	43	101	
097	50-058-01	N	1995	0.02	0.00	100	0	
180	50-059-01	N	1996	2.35	1.23	48	238	
181	50-059-02	N	1997	1.07	0.48	55	82	
182	50-059-03	N	1996	1.65	0.95	42	149	
185	50-059-04	N	1996	1.14	2.03	-78	360	
068	50-060-01	N	1995	0.18	0.27	-52	97	
109	50-060-02	N	1995	0.75	0.47	37	87	
117	50-061-01	N	1995	1.44	0.16	89	118	
076	50-061-03	N	1995	0.76	0.30	60	89	
093	50-061-04	N	1995	1.67	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (70% sampled)
045	50-061-05	N	1995	1.89	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (59% sampled)
098	50-061-06	N	1995	1.68	0.19	89	68	
092	50-061-07	N	1995	1.24	1.33	-8	101	
135	50-061-08	N	1999	1.76	0.16	91	153	
013	50-061-09	N	1995	2.77	0.19	93	164	
027	50-061-10	N	1996	0.49	0.25	48	87	
026	50-061-11	N	1995	0.95	0.30	69	139	
099	50-061-12	N	1995	2.55	0.35	86	95	
100	50-061-13	N	1995	1.16	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (30% sampled)
132	50-061-15	N	1995	1.91	1.08	43	182	
177	50-061-17	N	1995	12.22	5.59	54	446	
108	50-061-18	N	1995	9.82	1.90	81	56	
102	50-061-20	N	1994	1.80	1.05	42	157	
033	50-062-01	N	1996	0.20	0.13	31	138	
066	50-062-02	N	1996	0.46	0.12	74	52	
080	50-062-03	N	1996	0.54	0.24	56	149	
101	50-062-04	N	1996	0.26	0.12	54	123	
062	50-062-05	N	1996	0.41	0.14	67	66	
023	50-062-06	N	1996	0.62	0.18	70	22	
058	50-062-07	N	1996	1.41	0.26	81	46	
025	50-062-08	N	1996	0.51	0.31	39	61	
064	50-062-09	N	1997	0.22	0.17	21	100	
061	50-062-10	N	1997	0.72	0.41	44	65	
035	50-062-11	N	1996	0.44	0.15	67	119	
041	50-063-01	N	1996	0.45	0.14	70	80	
113	50-064-01	N	1997	2.98	0.16	95	34	
113	50-064-03	N	1997	2.98	0.16	95	34	
113	50-064-04	N	1997	2.98	0.16	95	34	
118	50-065-02	N	1995	3.64	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (42% sampled)

*TBD = to be determined

Unit Area ID	Basin ID	Early Baseline	Baseline Year	Rain Adjusted Unit Area Load (lb/ac)		WY01 TP Reduction (%)	WY01 TP Concentration (ppb)	Comments*
				Baseline	WY01			
113	50-065-03	N	1997	2.98	0.16	95	34	
113	50-065-05	N	1997	2.98	0.16	95	34	
113	50-065-06	N	1997	2.98	0.16	95	34	
081	50-065-07	N	1995	3.92	0.64	84	121	
113	50-065-08	N	1997	2.98	0.16	95	34	
106	50-065-10	N	1995	1.55	0.57	63	43	
059	50-066-01	N	1995	2.13	0.52	76	155	
010	50-067-01	N	1996	0.40	0.20	49	69	
042	50-067-02	N	1996	0.94	0.20	79	53	
028	50-067-03	N	1996	1.02	0.48	53	43	
029	50-067-04	N	1996	0.55	0.27	52	49	
007	50-067-05	N	1996	0.42	0.36	14	97	
197	50-067-06	N	1999	0.49	0.82	-67	152	
198	50-067-07	N	1999	0.54	0.40	24	76	
002	50-067-08	N	1996	2.20	0.00	100	0	
203	50-067-09	N	1999	0.64	0.94	-48	844	
204	50-067-10	N	1999	1.21	0.19	84	74	
205	50-067-11	N	1999	0.85	0.42	51	116	
189	50-067-13	N	1997	2.29	0.76	67	131	
175	50-068-01	N	1996	1.13	0.59	48	150	
171	50-068-02	N	1997	2.30	1.06	54	316	
038	50-069-01	N	1996	1.06	0.40	62	58	
088	50-070-01	N	1995	3.82	3.21	16	491	
082	50-070-02	N	1995	3.09	0.75	76	173	
176	50-071-01	N	1996	5.02	4.61	8	768	
126	50-073-01	N	TBD	TBD	0.00	N/A	N/A	No discharge
207	50-075-01	N	TBD	TBD	Unable to Calculate	Unable to Calculate	Unable to Calculate	<75% annual load sampled (25% sampled)
192	50-076-01	N	2000	Baseline Year	0.55	N/A	359	
209	50-078-01	N	1999	8.71	2.02	77	182	

*TBD = to be determined