

Water-quality station number	Constituent	First water year	Last water year	Concentration units	Change in concentration in units	Change in concentration in units per year	Change in concentration as pct of first water year	Change in concentration as pct of first water year per year	Level of significance of change in concentration	Change in flux in tons per day	Change in flux in tons per day per year	Change in flux as pct of first water year	Change in flux as pct of first water year per year	Level of significance of change in flux
01377000	NO23	1971	1980	milligrams per liter as nitrogen	-0.67	-0.074	-47	-5.2	nd	-0.1	-0.011	-41	-4.6	nd
01377000	NO23	1971	1990	milligrams per liter as nitrogen	-0.86	-0.045	-60	-3.2	nd	-0.13	-0.0066	-51	-2.7	nd
01377000	NO23	1971	2000	milligrams per liter as nitrogen	-0.94	-0.032	-66	-2.3	nd	-0.15	-0.005	-60	-2.1	nd
01377000	NO23	1971	2007	milligrams per liter as nitrogen	-0.99	-0.028	-70	-1.9	nd	-0.16	-0.0044	-65	-1.8	nd
01377000	NO23	1971	2010	milligrams per liter as nitrogen	-1	-0.026	-72	-1.8	nd	-0.16	-0.0042	-67	-1.7	nd
01377000	NO23	1971	2011	milligrams per liter as nitrogen	-1	-0.026	-73	-1.8	nd	-0.16	-0.0041	-68	-1.7	nd
01377000	NO23	1971	2012	milligrams per liter as nitrogen	-1	-0.025	-73	-1.8	nd	-0.17	-0.0041	-68	-1.7	nd
01377000	NO23	1971	2016	milligrams per liter as nitrogen	-1.1	-0.024	-76	-1.7	nd	-0.17	-0.0038	-71	-1.6	nd
01377000	NO23	1980	1990	milligrams per liter as nitrogen	-0.19	-0.019	-25	-2.5	nd	-0.025	-0.0025	-17	-1.7	nd
01377000	NO23	1980	2000	milligrams per liter as nitrogen	-0.27	-0.014	-36	-1.8	nd	-0.045	-0.0023	-31	-1.6	nd
01377000	NO23	1980	2007	milligrams per liter as nitrogen	-0.33	-0.012	-44	-1.6	nd	-0.058	-0.0022	-41	-1.5	nd
01377000	NO23	1980	2010	milligrams per liter as nitrogen	-0.36	-0.012	-47	-1.6	nd	-0.063	-0.0021	-44	-1.5	nd
01377000	NO23	1980	2011	milligrams per liter as nitrogen	-0.37	-0.012	-49	-1.6	<0.02	-0.064	-0.0021	-45	-1.4	<0.02
01377000	NO23	1980	2012	milligrams per liter as nitrogen	-0.37	-0.012	-50	-1.6	nd	-0.066	-0.0021	-46	-1.4	nd
01377000	NO23	1980	2016	milligrams per liter as nitrogen	-0.41	-0.011	-54	-1.5	<0.02	-0.072	-0.002	-50	-1.4	<0.02
01377000	NO23	1990	2000	milligrams per liter as nitrogen	-0.081	-0.0081	-15	-1.5	nd	-0.02	-0.002	-17	-1.7	nd
01377000	NO23	1990	2007	milligrams per liter as nitrogen	-0.14	-0.008	-24	-1.4	nd	-0.033	-0.002	-28	-1.7	nd
01377000	NO23	1990	2010	milligrams per liter as nitrogen	-0.16	-0.0082	-29	-1.5	nd	-0.038	-0.0019	-32	-1.6	nd
01377000	NO23	1990	2011	milligrams per liter as nitrogen	-0.17	-0.0083	-31	-1.5	nd	-0.039	-0.0019	-33	-1.6	nd
01377000	NO23	1990	2012	milligrams per liter as nitrogen	-0.18	-0.0083	-33	-1.5	nd	-0.041	-0.0019	-35	-1.6	nd
01377000	NO23	1990	2016	milligrams per liter as nitrogen	-0.22	-0.0084	-39	-1.5	nd	-0.046	-0.0018	-39	-1.5	nd
01377000	NO23	2000	2007	milligrams per liter as nitrogen	-0.055	-0.0079	-11	-1.6	nd	-0.013	-0.0019	-14	-1.9	nd
01377000	NO23	2000	2010	milligrams per liter as nitrogen	-0.083	-0.0083	-17	-1.7	nd	-0.018	-0.0018	-18	-1.8	nd
01377000	NO23	2000	2011	milligrams per liter as nitrogen	-0.092	-0.0084	-19	-1.7	nd	-0.019	-0.0018	-20	-1.8	nd
01377000	NO23	2000	2012	milligrams per liter as nitrogen	-0.1	-0.0085	-21	-1.8	nd	-0.021	-0.0017	-21	-1.8	nd
01377000	NO23	2000	2016	milligrams per liter as nitrogen	-0.14	-0.0085	-28	-1.8	nd	-0.026	-0.0016	-27	-1.7	nd
01377000	NO23	2007	2010	milligrams per liter as nitrogen	-0.028	-0.0092	-6.5	-2.2	nd	-0.0046	-0.0015	-5.5	-1.8	nd
01377000	NO23	2007	2011	milligrams per liter as nitrogen	-0.037	-0.0092	-8.7	-2.2	nd	-0.006	-0.0015	-7	-1.8	nd
01377000	NO23	2007	2012	milligrams per liter as nitrogen	-0.047	-0.0093	-11	-2.2	nd	-0.0076	-0.0015	-8.9	-1.8	nd
01377000	NO23	2007	2016	milligrams per liter as nitrogen	-0.081	-0.009	-19	-2.1	<0.02	-0.013	-0.0014	-15	-1.7	<0.02
01377000	NO23	2010	2011	milligrams per liter as nitrogen	-0.0093	-0.0093	-2.3	-2.3	nd	-0.0013	-0.0013	-1.7	-1.7	nd
01377000	NO23	2010	2012	milligrams per liter as nitrogen	-0.019	-0.0094	-4.8	-2.4	nd	-0.003	-0.0015	-3.7	-1.8	nd
01377000	NO23	2010	2016	milligrams per liter as nitrogen	-0.053	-0.0089	-13	-2.2	nd	-0.0084	-0.0014	-10	-1.7	nd
01377000	NO23	2011	2012	milligrams per liter as nitrogen	-0.0096	-0.0096	-2.5	-2.5	nd	-0.0016	-0.0016	-2	-2	nd
01377000	NO23	2011	2016	milligrams per liter as nitrogen	-0.044	-0.0088	-11	-2.3	nd	-0.007	-0.0014	-8.9	-1.8	nd
01377000	NO23	2012	2016	milligrams per liter as nitrogen	-0.034	-0.0086	-9.1	-2.3	<0.02	-0.0054	-0.0014	-7	-1.8	<0.02
01377000	TN	1973	1980	milligrams per liter as nitrogen	0.041	0.0059	2.7	0.38	nd	0.0081	0.0012	2.4	0.34	nd
01377000	TN	1973	1990	milligrams per liter as nitrogen	-0.2	-0.012	-13	-0.77	nd	-0.046	-0.0027	-14	-0.79	nd
01377000	TN	1973	2000	milligrams per liter as nitrogen	-0.33	-0.012	-21	-0.79	nd	-0.072	-0.0027	-21	-0.79	nd
01377000	TN	1973	2007	milligrams per liter as nitrogen	-0.39	-0.011	-25	-0.74	nd	-0.08	-0.0024	-24	-0.69	nd
01377000	TN	1973	2010	milligrams per liter as nitrogen	-0.45	-0.012	-29	-0.79	nd	-0.092	-0.0025	-27	-0.73	nd
01377000	TN	1973	2011	milligrams per liter as nitrogen	-0.47	-0.012	-31	-0.8	nd	-0.096	-0.0025	-28	-0.74	nd
01377000	TN	1973	2012	milligrams per liter as nitrogen	-0.49	-0.013	-32	-0.82	nd	-0.1	-0.0026	-29	-0.75	nd
01377000	TN	1973	2016	milligrams per liter as nitrogen	-0.58	-0.014	-38	-0.88	nd	-0.12	-0.0027	-35	-0.8	nd
01377000	TN	1980	1990	milligrams per liter as nitrogen	-0.24	-0.024	-15	-1.5	nd	-0.054	-0.0054	-16	-1.6	nd
01377000	TN	1980	2000	milligrams per liter as nitrogen	-0.37	-0.019	-23	-1.2	nd	-0.081	-0.004	-23	-1.2	nd
01377000	TN	1980	2007	milligrams per liter as nitrogen	-0.43	-0.016	-27	-1	nd	-0.088	-0.0033	-25	-0.94	nd
01377000	TN	1980	2010	milligrams per liter as nitrogen	-0.49	-0.016	-31	-1	nd	-0.1	-0.0033	-29	-0.95	nd
01377000	TN	1980	2011	milligrams per liter as nitrogen	-0.51	-0.017	-32	-1	<0.02	-0.1	-0.0034	-30	-0.96	<0.02
01377000	TN	1980	2012	milligrams per liter as nitrogen	-0.54	-0.017	-34	-1.1	<0.02	-0.11	-0.0034	-31	-0.97	<0.02
01377000	TN	1980	2016	milligrams per liter as nitrogen	-0.63	-0.017	-39	-1.1	nd	-0.13	-0.0035	-36	-1	nd
01377000	TN	1990	2000	milligrams per liter as nitrogen	-0.13	-0.013	-9.6	-0.96	nd	-0.026	-0.0026	-8.9	-0.89	nd
01377000	TN	1990	2007	milligrams per liter as nitrogen	-0.18	-0.011	-14	-0.81	nd	-0.034	-0.002	-12	-0.68	nd
01377000	TN	1990	2010	milligrams per liter as nitrogen	-0.25	-0.012	-19	-0.93	nd	-0.046	-0.0023	-16	-0.78	nd
01377000	TN	1990	2011	milligrams per liter as nitrogen	-0.27	-0.013	-20	-0.96	nd	-0.05	-0.0024	-17	-0.8	nd
01377000	TN	1990	2012	milligrams per liter as nitrogen	-0.29	-0.013	-22	-0.99	nd	-0.054	-0.0024	-18	-0.83	nd
01377000	TN	1990	2016	milligrams per liter as nitrogen	-0.38	-0.015	-29	-1.1	nd	-0.072	-0.0028	-24	-0.93	nd
01377000	TN	2000	2007	milligrams per liter as nitrogen	-0.056	-0.008	-4.6	-0.66	nd	-0.0079	-0.0011	-2.9	-0.42	nd
01377000	TN	2000	2010	milligrams per liter as nitrogen	-0.12	-0.012	-9.9	-0.99	nd	-0.02	-0.002	-7.3	-0.73	nd
01377000	TN	2000	2011	milligrams per liter as nitrogen	-0.14	-0.013	-12	-1.1	nd	-0.024	-0.0021	-8.8	-0.8	nd
01377000	TN	2000	2012	milligrams per liter as nitrogen	-0.16	-0.014	-14	-1.1	nd	-0.027	-0.0023	-10	-0.85	nd

01377000	TN	2000	2016	milligrams per liter as nitrogen	-0.25	-0.016	-21	-1.3	nd	-0.045	-0.0028	-17	-1.1	nd
01377000	TN	2007	2010	milligrams per liter as nitrogen	-0.064	-0.021	-5.5	-1.8	nd	-0.012	-0.0039	-4.5	-1.5	nd
01377000	TN	2007	2011	milligrams per liter as nitrogen	-0.085	-0.021	-7.4	-1.8	nd	-0.016	-0.0039	-6	-1.5	nd
01377000	TN	2007	2012	milligrams per liter as nitrogen	-0.11	-0.022	-9.4	-1.9	nd	-0.02	-0.0039	-7.5	-1.5	nd
01377000	TN	2007	2016	milligrams per liter as nitrogen	-0.2	-0.022	-17	-1.9	<0.02	-0.038	-0.0042	-14	-1.6	0.06
01377000	TN	2010	2011	milligrams per liter as nitrogen	-0.021	-0.021	-2	-2	nd	-0.004	-0.004	-1.6	-1.6	nd
01377000	TN	2010	2012	milligrams per liter as nitrogen	-0.045	-0.022	-4.1	-2	nd	-0.0079	-0.0039	-3.2	-1.6	nd
01377000	TN	2010	2016	milligrams per liter as nitrogen	-0.13	-0.022	-12	-2	nd	-0.026	-0.0043	-10	-1.7	nd
01377000	TN	2011	2012	milligrams per liter as nitrogen	-0.023	-0.023	-2.2	-2.2	nd	-0.0039	-0.0039	-1.6	-1.6	nd
01377000	TN	2011	2016	milligrams per liter as nitrogen	-0.11	-0.022	-11	-2.1	nd	-0.022	-0.0044	-8.9	-1.8	nd
01377000	TN	2012	2016	milligrams per liter as nitrogen	-0.089	-0.022	-8.5	-2.1	<0.02	-0.018	-0.0045	-7.5	-1.9	<0.02
01377000	TP	1973	1980	milligrams per liter as phosphorous	0.0089	0.0013	13	1.9	nd	0.0024	0.00035	13	1.8	nd
01377000	TP	1973	1990	milligrams per liter as phosphorous	-0.005	-0.00029	-7.4	-0.44	nd	-0.0051	-3.00E-04	-26	-1.6	nd
01377000	TP	1973	2000	milligrams per liter as phosphorous	-0.0099	-0.00037	-15	-0.55	nd	-0.0071	-0.00026	-37	-1.4	nd
01377000	TP	1973	2007	milligrams per liter as phosphorous	-0.0061	-0.00018	-9.1	-0.27	nd	-0.0044	-0.00013	-23	-0.67	nd
01377000	TP	1973	2010	milligrams per liter as phosphorous	-0.0043	-0.00012	-6.4	-0.17	nd	-0.0035	-9.50E-05	-18	-0.5	nd
01377000	TP	1973	2011	milligrams per liter as phosphorous	-0.0036	-9.50E-05	-5.4	-0.14	nd	-0.0032	-8.50E-05	-17	-0.44	nd
01377000	TP	1973	2012	milligrams per liter as phosphorous	-0.0026	-6.70E-05	-3.9	-0.1	nd	-0.0027	-6.90E-05	-14	-0.36	nd
01377000	TP	1973	2016	milligrams per liter as phosphorous	0.00014	3.20E-06	0.2	0.0047	nd	-0.0013	-3.10E-05	-6.9	-0.16	nd
01377000	TP	1980	1990	milligrams per liter as phosphorous	-0.014	-0.0014	-18	-1.8	nd	-0.0075	-0.00075	-35	-3.5	nd
01377000	TP	1980	2000	milligrams per liter as phosphorous	-0.019	-0.00094	-25	-1.2	nd	-0.0095	-0.00047	-44	-2.2	nd
01377000	TP	1980	2007	milligrams per liter as phosphorous	-0.015	-0.00056	-20	-0.73	nd	-0.0068	-0.00025	-31	-1.2	nd
01377000	TP	1980	2010	milligrams per liter as phosphorous	-0.013	-0.00044	-17	-0.58	nd	-0.006	-2.00E-04	-27	-0.91	nd
01377000	TP	1980	2011	milligrams per liter as phosphorous	-0.013	-4.00E-04	-16	-0.53	0.10	-0.0056	-0.00018	-26	-0.84	0.26
01377000	TP	1980	2012	milligrams per liter as phosphorous	-0.012	-0.00036	-15	-0.47	0.35	-0.0051	-0.00016	-24	-0.74	0.42
01377000	TP	1980	2016	milligrams per liter as phosphorous	-0.0088	-0.00024	-12	-0.32	nd	-0.0038	-1.00E-04	-17	-0.48	nd
01377000	TP	1990	2000	milligrams per liter as phosphorous	-0.0049	-0.00049	-7.9	-0.79	nd	-0.002	-2.00E-04	-14	-1.4	nd
01377000	TP	1990	2007	milligrams per liter as phosphorous	-0.0011	-6.60E-05	-1.8	-0.11	nd	0.00068	4.00E-05	4.8	0.28	nd
01377000	TP	1990	2010	milligrams per liter as phosphorous	0.00067	3.40E-05	1.1	0.054	nd	0.0016	7.80E-05	11	0.55	nd
01377000	TP	1990	2011	milligrams per liter as phosphorous	0.0014	6.60E-05	2.2	0.11	nd	0.0019	8.90E-05	13	0.62	nd
01377000	TP	1990	2012	milligrams per liter as phosphorous	0.0024	0.00011	3.8	0.17	nd	0.0024	0.00011	17	0.76	nd
01377000	TP	1990	2016	milligrams per liter as phosphorous	0.0051	2.00E-04	8.2	0.32	nd	0.0038	0.00014	26	1	nd
01377000	TP	2000	2007	milligrams per liter as phosphorous	0.0038	0.00054	6.6	0.94	nd	0.0027	0.00038	22	3.1	nd
01377000	TP	2000	2010	milligrams per liter as phosphorous	0.0056	0.00056	9.7	0.97	nd	0.0035	0.00035	29	2.9	nd
01377000	TP	2000	2011	milligrams per liter as phosphorous	0.0063	0.00057	11	1	nd	0.0039	0.00035	32	2.9	nd
01377000	TP	2000	2012	milligrams per liter as phosphorous	0.0073	0.00061	13	1.1	nd	0.0044	0.00036	36	3	nd
01377000	TP	2000	2016	milligrams per liter as phosphorous	0.01	0.00063	17	1.1	nd	0.0057	0.00036	47	2.9	nd
01377000	TP	2007	2010	milligrams per liter as phosphorous	0.0018	6.00E-04	2.9	0.98	nd	0.00088	0.00029	5.9	2	nd
01377000	TP	2007	2011	milligrams per liter as phosphorous	0.0025	0.00062	4.1	1	nd	0.0012	3.00E-04	8	2	nd
01377000	TP	2007	2012	milligrams per liter as phosphorous	0.0035	7.00E-04	5.7	1.1	nd	0.0017	0.00034	11	2.3	nd
01377000	TP	2007	2016	milligrams per liter as phosphorous	0.0062	0.00069	10	1.1	0.22	0.0031	0.00034	21	2.3	0.11
01377000	TP	2010	2011	milligrams per liter as phosphorous	0.00071	0.00071	1.1	1.1	nd	0.00031	0.00031	2	2	nd
01377000	TP	2010	2012	milligrams per liter as phosphorous	0.0017	0.00084	2.7	1.3	nd	0.00082	0.00041	5.2	2.6	nd
01377000	TP	2010	2016	milligrams per liter as phosphorous	0.0044	0.00074	7.1	1.2	nd	0.0022	0.00037	14	2.3	nd
01377000	TP	2011	2012	milligrams per liter as phosphorous	0.00098	0.00098	1.5	1.5	nd	0.00051	0.00051	3.2	3.2	nd
01377000	TP	2011	2016	milligrams per liter as phosphorous	0.0037	0.00075	5.9	1.2	nd	0.0019	0.00038	12	2.4	nd
01377000	TP	2012	2016	milligrams per liter as phosphorous	0.0028	0.00069	4.3	1.1	0.26	0.0014	0.00034	8.3	2.1	0.05
01387500	NO23	1971	1980	milligrams per liter as nitrogen	0.19	0.022	29	3.2	nd	0.083	0.0092	31	3.4	nd
01387500	NO23	1971	1990	milligrams per liter as nitrogen	0.59	0.031	88	4.6	nd	0.2	0.011	75	4	nd
01387500	NO23	1971	2000	milligrams per liter as nitrogen	0.76	0.026	114	3.9	nd	0.21	0.0072	77	2.7	nd
01387500	NO23	1971	2007	milligrams per liter as nitrogen	0.86	0.024	128	3.6	nd	0.24	0.0068	91	2.5	nd
01387500	NO23	1971	2010	milligrams per liter as nitrogen	0.9	0.023	134	3.4	nd	0.27	0.0068	99	2.5	nd
01387500	NO23	1971	2011	milligrams per liter as nitrogen	0.91	0.023	136	3.4	nd	0.27	0.0069	102	2.5	nd
01387500	NO23	1971	2012	milligrams per liter as nitrogen	0.92	0.023	138	3.4	nd	0.28	0.0069	105	2.6	nd
01387500	NO23	1971	2016	milligrams per liter as nitrogen	1	0.022	149	3.3	nd	0.32	0.0072	120	2.7	nd
01387500	NO23	1980	1990	milligrams per liter as nitrogen	0.39	0.039	46	4.6	nd	0.12	0.012	34	3.4	nd
01387500	NO23	1980	2000	milligrams per liter as nitrogen	0.57	0.028	66	3.3	nd	0.13	0.0063	36	1.8	nd
01387500	NO23	1980	2007	milligrams per liter as nitrogen	0.66	0.025	77	2.8	nd	0.16	0.006	46	1.7	nd
01387500	NO23	1980	2010	milligrams per liter as nitrogen	0.7	0.023	81	2.7	nd	0.18	0.0061	52	1.7	nd
01387500	NO23	1980	2011	milligrams per liter as nitrogen	0.71	0.023	83	2.7	<0.02	0.19	0.0062	55	1.8	<0.02
01387500	NO23	1980	2012	milligrams per liter as nitrogen	0.73	0.023	84	2.6	nd	0.2	0.0063	57	1.8	nd
01387500	NO23	1980	2016	milligrams per liter as nitrogen	0.8	0.022	93	2.6	<0.02	0.24	0.0067	68	1.9	<0.02
01387500	NO23	1990	2000	milligrams per liter as nitrogen	0.17	0.017	14	1.4	nd	0.0057	0.00057	1.2	0.12	nd
01387500	NO23	1990	2007	milligrams per liter as nitrogen	0.27	0.016	21	1.3	nd	0.042	0.0025	8.9	0.52	nd
01387500	NO23	1990	2010	milligrams per liter as nitrogen	0.31	0.015	24	1.2	nd	0.064	0.0032	14	0.68	nd

01387500	NO23	1990	2011	milligrams per liter as nitrogen	0.32	0.015	25	1.2	nd	0.072	0.0034	15	0.72	nd
01387500	NO23	1990	2012	milligrams per liter as nitrogen	0.34	0.015	27	1.2	nd	0.081	0.0037	17	0.78	nd
01387500	NO23	1990	2016	milligrams per liter as nitrogen	0.41	0.016	32	1.2	nd	0.12	0.0046	26	0.98	nd
01387500	NO23	2000	2007	milligrams per liter as nitrogen	0.095	0.014	6.6	0.94	nd	0.036	0.0052	7.6	1.1	nd
01387500	NO23	2000	2010	milligrams per liter as nitrogen	0.13	0.013	9.3	0.93	nd	0.058	0.0058	12	1.2	nd
01387500	NO23	2000	2011	milligrams per liter as nitrogen	0.15	0.013	10	0.93	nd	0.066	0.006	14	1.3	nd
01387500	NO23	2000	2012	milligrams per liter as nitrogen	0.16	0.013	11	0.94	nd	0.075	0.0063	16	1.3	nd
01387500	NO23	2000	2016	milligrams per liter as nitrogen	0.23	0.015	16	1	nd	0.11	0.0072	24	1.5	nd
01387500	NO23	2007	2010	milligrams per liter as nitrogen	0.038	0.013	2.5	0.83	nd	0.022	0.0073	4.3	1.4	nd
01387500	NO23	2007	2011	milligrams per liter as nitrogen	0.052	0.013	3.4	0.85	nd	0.03	0.0075	5.8	1.5	nd
01387500	NO23	2007	2012	milligrams per liter as nitrogen	0.067	0.013	4.4	0.87	nd	0.039	0.0078	7.6	1.5	nd
01387500	NO23	2007	2016	milligrams per liter as nitrogen	0.14	0.016	9.2	1	0.25	0.078	0.0087	15	1.7	0.15
01387500	NO23	2010	2011	milligrams per liter as nitrogen	0.014	0.014	0.89	0.89	nd	0.0079	0.0079	1.5	1.5	nd
01387500	NO23	2010	2012	milligrams per liter as nitrogen	0.029	0.014	1.8	0.92	nd	0.017	0.0086	3.2	1.6	nd
01387500	NO23	2010	2016	milligrams per liter as nitrogen	0.1	0.017	6.5	1.1	nd	0.056	0.0094	11	1.8	nd
01387500	NO23	2011	2012	milligrams per liter as nitrogen	0.015	0.015	0.94	0.94	nd	0.0093	0.0093	1.7	1.7	nd
01387500	NO23	2011	2016	milligrams per liter as nitrogen	0.088	0.018	5.6	1.1	nd	0.049	0.0097	8.9	1.8	nd
01387500	NO23	2012	2016	milligrams per liter as nitrogen	0.074	0.018	4.6	1.2	0.24	0.039	0.0098	7.1	1.8	0.18
01387500	TN	1971	1980	milligrams per liter as nitrogen	0.47	0.053	34	3.8	nd	0.19	0.021	34	3.8	nd
01387500	TN	1971	1990	milligrams per liter as nitrogen	0.59	0.031	43	2.3	nd	0.23	0.012	42	2.2	nd
01387500	TN	1971	2000	milligrams per liter as nitrogen	0.62	0.021	45	1.5	nd	0.17	0.006	31	1.1	nd
01387500	TN	1971	2007	milligrams per liter as nitrogen	0.78	0.022	56	1.6	nd	0.23	0.0065	42	1.2	nd
01387500	TN	1971	2010	milligrams per liter as nitrogen	0.83	0.021	60	1.6	nd	0.26	0.0067	47	1.2	nd
01387500	TN	1971	2011	milligrams per liter as nitrogen	0.85	0.021	62	1.5	nd	0.27	0.0069	49	1.2	nd
01387500	TN	1971	2012	milligrams per liter as nitrogen	0.87	0.021	63	1.5	nd	0.29	0.007	52	1.3	nd
01387500	TN	1971	2016	milligrams per liter as nitrogen	0.96	0.021	70	1.6	nd	0.34	0.0075	61	1.3	nd
01387500	TN	1980	1990	milligrams per liter as nitrogen	0.12	0.012	6.5	0.65	nd	0.04	0.004	5.3	0.53	nd
01387500	TN	1980	2000	milligrams per liter as nitrogen	0.14	0.007	7.6	0.38	nd	-0.018	-9.00E-04	-2.4	-0.12	nd
01387500	TN	1980	2007	milligrams per liter as nitrogen	0.3	0.011	16	0.61	nd	0.04	0.0015	5.3	0.2	nd
01387500	TN	1980	2010	milligrams per liter as nitrogen	0.36	0.012	19	0.65	nd	0.071	0.0024	9.4	0.31	nd
01387500	TN	1980	2011	milligrams per liter as nitrogen	0.38	0.012	20	0.66	0.07	0.082	0.0027	11	0.35	0.26
01387500	TN	1980	2012	milligrams per liter as nitrogen	0.4	0.013	22	0.68	nd	0.096	0.003	13	0.4	nd
01387500	TN	1980	2016	milligrams per liter as nitrogen	0.49	0.014	26	0.73	0.11	0.15	0.0041	19	0.54	0.15
01387500	TN	1990	2000	milligrams per liter as nitrogen	0.021	0.0021	1.1	0.11	nd	-0.058	-0.0058	-7.3	-0.73	nd
01387500	TN	1990	2007	milligrams per liter as nitrogen	0.18	0.011	9.4	0.55	nd	2.00E-04	1.20E-05	0.026	0.0015	nd
01387500	TN	1990	2010	milligrams per liter as nitrogen	0.24	0.012	12	0.61	nd	0.031	0.0016	3.9	0.2	nd
01387500	TN	1990	2011	milligrams per liter as nitrogen	0.26	0.012	13	0.63	nd	0.042	0.002	5.4	0.26	nd
01387500	TN	1990	2012	milligrams per liter as nitrogen	0.28	0.013	14	0.65	nd	0.056	0.0025	7.1	0.32	nd
01387500	TN	1990	2016	milligrams per liter as nitrogen	0.37	0.014	19	0.72	nd	0.11	0.0041	13	0.52	nd
01387500	TN	2000	2007	milligrams per liter as nitrogen	0.16	0.023	8.2	1.2	nd	0.058	0.0083	7.9	1.1	nd
01387500	TN	2000	2010	milligrams per liter as nitrogen	0.22	0.022	11	1.1	nd	0.089	0.0089	12	1.2	nd
01387500	TN	2000	2011	milligrams per liter as nitrogen	0.24	0.022	12	1.1	nd	0.1	0.0091	14	1.2	nd
01387500	TN	2000	2012	milligrams per liter as nitrogen	0.26	0.022	13	1.1	nd	0.11	0.0095	16	1.3	nd
01387500	TN	2000	2016	milligrams per liter as nitrogen	0.35	0.022	17	1.1	nd	0.16	0.01	22	1.4	nd
01387500	TN	2007	2010	milligrams per liter as nitrogen	0.055	0.018	2.6	0.85	nd	0.031	0.01	3.9	1.3	nd
01387500	TN	2007	2011	milligrams per liter as nitrogen	0.074	0.019	3.4	0.86	nd	0.042	0.011	5.3	1.3	nd
01387500	TN	2007	2012	milligrams per liter as nitrogen	0.096	0.019	4.5	0.89	nd	0.056	0.011	7.1	1.4	nd
01387500	TN	2007	2016	milligrams per liter as nitrogen	0.18	0.02	8.5	0.94	0.24	0.11	0.012	13	1.5	0.09
01387500	TN	2010	2011	milligrams per liter as nitrogen	0.019	0.019	0.88	0.88	nd	0.011	0.011	1.4	1.4	nd
01387500	TN	2010	2012	milligrams per liter as nitrogen	0.041	0.021	1.9	0.93	nd	0.025	0.012	3	1.5	nd
01387500	TN	2010	2016	milligrams per liter as nitrogen	0.13	0.021	5.8	0.97	nd	0.075	0.013	9.2	1.5	nd
01387500	TN	2011	2012	milligrams per liter as nitrogen	0.022	0.022	0.98	0.98	nd	0.014	0.014	1.6	1.6	nd
01387500	TN	2011	2016	milligrams per liter as nitrogen	0.11	0.022	4.9	0.98	nd	0.064	0.013	7.7	1.5	nd
01387500	TN	2012	2016	milligrams per liter as nitrogen	0.087	0.022	3.9	0.97	0.38	0.05	0.013	6	1.5	0.17
01387500	TP	1971	1982	milligrams per liter as phosphorous	-0.068	-0.0062	-26	-2.4	nd	-0.0047	-0.00043	-7	-0.64	nd
01387500	TP	1971	1990	milligrams per liter as phosphorous	-0.088	-0.0046	-34	-1.8	nd	-0.0042	-0.00022	-6.2	-0.33	nd
01387500	TP	1971	2000	milligrams per liter as phosphorous	-0.082	-0.0028	-32	-1.1	nd	-0.0063	-0.00022	-9.5	-0.33	nd
01387500	TP	1971	2007	milligrams per liter as phosphorous	-0.066	-0.0018	-26	-0.71	nd	0.0019	5.20E-05	2.8	0.078	nd
01387500	TP	1971	2010	milligrams per liter as phosphorous	-0.054	-0.0014	-21	-0.54	nd	0.0077	2.00E-04	11	0.29	nd
01387500	TP	1971	2011	milligrams per liter as phosphorous	-0.049	-0.0012	-19	-0.47	nd	0.01	0.00025	15	0.38	nd
01387500	TP	1971	2012	milligrams per liter as phosphorous	-0.044	-0.0011	-17	-0.42	nd	0.013	0.00031	19	0.47	nd
01387500	TP	1971	2016	milligrams per liter as phosphorous	-0.023	-0.00052	-9	-0.2	nd	0.023	0.00052	35	0.77	nd
01387500	TP	1982	1990	milligrams per liter as phosphorous	-0.02	-0.0025	-11	-1.3	nd	0.00053	6.70E-05	0.86	0.11	nd
01387500	TP	1982	2000	milligrams per liter as phosphorous	-0.014	-0.00079	-7.4	-0.41	nd	-0.0017	-9.20E-05	-2.7	-0.15	nd
01387500	TP	1982	2007	milligrams per liter as phosphorous	0.0018	7.20E-05	0.94	0.038	nd	0.0066	0.00026	11	0.42	nd

01387500	TP	1982	2010	milligrams per liter as phosphorous	0.014	0.00049	7.2	0.26	nd	0.012	0.00044	20	0.71	nd
01387500	TP	1982	2011	milligrams per liter as phosphorous	0.019	0.00065	9.9	0.34	0.30	0.015	0.00051	24	0.82	0.04
01387500	TP	1982	2012	milligrams per liter as phosphorous	0.024	0.00079	12	0.42	nd	0.018	0.00059	28	0.94	nd
01387500	TP	1982	2016	milligrams per liter as phosphorous	0.045	0.0013	23	0.69	0.05	0.028	0.00082	45	1.3	<0.02
01387500	TP	1990	2000	milligrams per liter as phosphorous	0.0061	0.00061	3.6	0.36	nd	-0.0022	-0.00022	-3.5	-0.35	nd
01387500	TP	1990	2007	milligrams per liter as phosphorous	0.022	0.0013	13	0.76	nd	0.006	0.00035	9.6	0.56	nd
01387500	TP	1990	2010	milligrams per liter as phosphorous	0.034	0.0017	20	1	nd	0.012	0.00059	19	0.94	nd
01387500	TP	1990	2011	milligrams per liter as phosphorous	0.039	0.0019	23	1.1	nd	0.014	0.00068	23	1.1	nd
01387500	TP	1990	2012	milligrams per liter as phosphorous	0.044	0.002	26	1.2	nd	0.017	0.00077	27	1.2	nd
01387500	TP	1990	2016	milligrams per liter as phosphorous	0.065	0.0025	38	1.5	nd	0.027	0.0011	44	1.7	nd
01387500	TP	2000	2007	milligrams per liter as phosphorous	0.016	0.0023	9	1.3	nd	0.0082	0.0012	14	1.9	nd
01387500	TP	2000	2010	milligrams per liter as phosphorous	0.028	0.0028	16	1.6	nd	0.014	0.0014	23	2.3	nd
01387500	TP	2000	2011	milligrams per liter as phosphorous	0.033	0.003	19	1.7	nd	0.016	0.0015	27	2.5	nd
01387500	TP	2000	2012	milligrams per liter as phosphorous	0.038	0.0032	21	1.8	nd	0.019	0.0016	32	2.6	nd
01387500	TP	2000	2016	milligrams per liter as phosphorous	0.059	0.0037	33	2.1	nd	0.03	0.0019	49	3.1	nd
01387500	TP	2007	2010	milligrams per liter as phosphorous	0.012	0.004	6.2	2.1	nd	0.0058	0.0019	8.5	2.8	nd
01387500	TP	2007	2011	milligrams per liter as phosphorous	0.017	0.0043	8.9	2.2	nd	0.0082	0.0021	12	3	nd
01387500	TP	2007	2012	milligrams per liter as phosphorous	0.022	0.0044	11	2.3	nd	0.011	0.0022	16	3.2	nd
01387500	TP	2007	2016	milligrams per liter as phosphorous	0.043	0.0048	22	2.5	0.05	0.021	0.0024	31	3.5	0.03
01387500	TP	2010	2011	milligrams per liter as phosphorous	0.0051	0.0051	2.5	2.5	nd	0.0024	0.0024	3.2	3.2	nd
01387500	TP	2010	2012	milligrams per liter as phosphorous	0.01	0.005	4.9	2.4	nd	0.0052	0.0026	7	3.5	nd
01387500	TP	2010	2016	milligrams per liter as phosphorous	0.031	0.0051	15	2.5	nd	0.016	0.0026	21	3.5	nd
01387500	TP	2011	2012	milligrams per liter as phosphorous	0.0049	0.0049	2.3	2.3	nd	0.0028	0.0028	3.6	3.6	nd
01387500	TP	2011	2016	milligrams per liter as phosphorous	0.026	0.0051	12	2.5	nd	0.013	0.0026	17	3.4	nd
01387500	TP	2012	2016	milligrams per liter as phosphorous	0.021	0.0052	9.7	2.4	0.09	0.01	0.0026	13	3.3	0.04
01389500	NO23	1971	1980	milligrams per liter as nitrogen	-0.47	-0.052	-26	-2.9	nd	-0.95	-0.11	-26	-2.9	nd
01389500	NO23	1971	1990	milligrams per liter as nitrogen	0.27	0.014	15	0.79	nd	-0.25	-0.013	-6.9	-0.36	nd
01389500	NO23	1971	2000	milligrams per liter as nitrogen	0.25	0.0087	14	0.48	nd	-0.22	-0.0076	-6	-0.21	nd
01389500	NO23	1971	2007	milligrams per liter as nitrogen	0.095	0.0026	5.2	0.15	nd	-0.32	-0.009	-8.8	-0.24	nd
01389500	NO23	1971	2010	milligrams per liter as nitrogen	0.077	0.002	4.3	0.11	nd	-0.31	-0.008	-8.5	-0.22	nd
01389500	NO23	1971	2011	milligrams per liter as nitrogen	0.061	0.0015	3.4	0.085	nd	-0.34	-0.0085	-9.2	-0.23	nd
01389500	NO23	1971	2012	milligrams per liter as nitrogen	0.045	0.0011	2.5	0.061	nd	-0.36	-0.0088	-9.8	-0.24	nd
01389500	NO23	1971	2016	milligrams per liter as nitrogen	-0.012	-0.00026	-0.66	-0.015	nd	-0.43	-0.0096	-12	-0.26	nd
01389500	NO23	1980	1990	milligrams per liter as nitrogen	0.74	0.074	56	5.6	nd	0.7	0.07	26	2.6	nd
01389500	NO23	1980	2000	milligrams per liter as nitrogen	0.72	0.036	54	2.7	nd	0.73	0.037	27	1.3	nd
01389500	NO23	1980	2007	milligrams per liter as nitrogen	0.57	0.021	42	1.6	nd	0.63	0.023	23	0.86	nd
01389500	NO23	1980	2010	milligrams per liter as nitrogen	0.55	0.018	41	1.4	nd	0.64	0.021	23	0.78	nd
01389500	NO23	1980	2011	milligrams per liter as nitrogen	0.53	0.017	40	1.3	<0.02	0.61	0.02	23	0.73	0.02
01389500	NO23	1980	2012	milligrams per liter as nitrogen	0.52	0.016	39	1.2	nd	0.59	0.019	22	0.68	nd
01389500	NO23	1980	2016	milligrams per liter as nitrogen	0.46	0.013	34	0.96	0.02	0.52	0.014	19	0.53	0.11
01389500	NO23	1990	2000	milligrams per liter as nitrogen	-0.021	-0.0021	-1	-0.1	nd	0.032	0.0032	0.93	0.093	nd
01389500	NO23	1990	2007	milligrams per liter as nitrogen	-0.18	-0.01	-8.5	-0.5	nd	-0.069	-0.0041	-2	-0.12	nd
01389500	NO23	1990	2010	milligrams per liter as nitrogen	-0.19	-0.0097	-9.4	-0.47	nd	-0.059	-0.0029	-1.7	-0.086	nd
01389500	NO23	1990	2011	milligrams per liter as nitrogen	-0.21	-0.01	-10	-0.48	nd	-0.085	-0.004	-2.5	-0.12	nd
01389500	NO23	1990	2012	milligrams per liter as nitrogen	-0.23	-0.01	-11	-0.5	nd	-0.11	-0.0048	-3.1	-0.14	nd
01389500	NO23	1990	2016	milligrams per liter as nitrogen	-0.28	-0.011	-14	-0.53	nd	-0.18	-0.0069	-5.2	-0.2	nd
01389500	NO23	2000	2007	milligrams per liter as nitrogen	-0.16	-0.022	-7.6	-1.1	nd	-0.1	-0.014	-2.9	-0.42	nd
01389500	NO23	2000	2010	milligrams per liter as nitrogen	-0.17	-0.017	-8.5	-0.85	nd	-0.091	-0.0091	-2.6	-0.26	nd
01389500	NO23	2000	2011	milligrams per liter as nitrogen	-0.19	-0.017	-9.2	-0.84	nd	-0.12	-0.011	-3.4	-0.31	nd
01389500	NO23	2000	2012	milligrams per liter as nitrogen	-0.21	-0.017	-10	-0.83	nd	-0.14	-0.011	-4	-0.33	nd
01389500	NO23	2000	2016	milligrams per liter as nitrogen	-0.26	-0.016	-13	-0.8	nd	-0.21	-0.013	-6.1	-0.38	nd
01389500	NO23	2007	2010	milligrams per liter as nitrogen	-0.017	-0.0058	-0.92	-0.31	nd	0.01	0.0034	0.31	0.1	nd
01389500	NO23	2007	2011	milligrams per liter as nitrogen	-0.033	-0.0083	-1.8	-0.44	nd	-0.016	-0.004	-0.47	-0.12	nd
01389500	NO23	2007	2012	milligrams per liter as nitrogen	-0.049	-0.0098	-2.6	-0.52	nd	-0.037	-0.0073	-1.1	-0.22	nd
01389500	NO23	2007	2016	milligrams per liter as nitrogen	-0.11	-0.012	-5.6	-0.62	0.25	-0.11	-0.012	-3.3	-0.36	0.48
01389500	NO23	2010	2011	milligrams per liter as nitrogen	-0.016	-0.016	-0.85	-0.85	nd	-0.026	-0.026	-0.78	-0.78	nd
01389500	NO23	2010	2012	milligrams per liter as nitrogen	-0.032	-0.016	-1.7	-0.84	nd	-0.047	-0.023	-1.4	-0.7	nd
01389500	NO23	2010	2016	milligrams per liter as nitrogen	-0.089	-0.015	-4.7	-0.79	nd	-0.12	-0.02	-3.6	-0.59	nd
01389500	NO23	2011	2012	milligrams per liter as nitrogen	-0.016	-0.016	-0.85	-0.85	nd	-0.021	-0.021	-0.62	-0.62	nd
01389500	NO23	2011	2016	milligrams per liter as nitrogen	-0.073	-0.015	-3.9	-0.78	nd	-0.094	-0.019	-2.8	-0.56	nd
01389500	NO23	2012	2016	milligrams per liter as nitrogen	-0.057	-0.014	-3.1	-0.77	0.20	-0.073	-0.018	-2.2	-0.55	0.30
01389500	TN	1973	1980	milligrams per liter as nitrogen	0.24	0.034	7.1	1	nd	0.19	0.027	3	0.43	nd
01389500	TN	1973	1990	milligrams per liter as nitrogen	-0.014	-0.00084	-0.42	-0.025	nd	-0.36	-0.021	-5.6	-0.33	nd
01389500	TN	1973	2000	milligrams per liter as nitrogen	-0.67	-0.025	-20	-0.74	nd	-1.4	-0.052	-22	-0.81	nd
01389500	TN	1973	2007	milligrams per liter as nitrogen	-0.9	-0.027	-27	-0.79	nd	-1.5	-0.045	-24	-0.7	nd

01389500	TN	1973	2010	milligrams per liter as nitrogen	-0.97	-0.026	-29	-0.78	nd	-1.6	-0.042	-24	-0.66	nd
01389500	TN	1973	2011	milligrams per liter as nitrogen	-1	-0.026	-30	-0.78	nd	-1.6	-0.042	-25	-0.66	nd
01389500	TN	1973	2012	milligrams per liter as nitrogen	-1	-0.026	-30	-0.78	nd	-1.6	-0.042	-26	-0.66	nd
01389500	TN	1973	2016	milligrams per liter as nitrogen	-1.1	-0.026	-34	-0.78	nd	-1.8	-0.041	-28	-0.64	nd
01389500	TN	1980	1990	milligrams per liter as nitrogen	-0.25	-0.025	-7	-0.7	nd	-0.55	-0.055	-8.4	-0.84	nd
01389500	TN	1980	2000	milligrams per liter as nitrogen	-0.91	-0.045	-25	-1.3	nd	-1.6	-0.079	-24	-1.2	nd
01389500	TN	1980	2007	milligrams per liter as nitrogen	-1.1	-0.042	-32	-1.2	nd	-1.7	-0.063	-26	-0.96	nd
01389500	TN	1980	2010	milligrams per liter as nitrogen	-1.2	-0.04	-33	-1.1	nd	-1.7	-0.058	-27	-0.88	nd
01389500	TN	1980	2011	milligrams per liter as nitrogen	-1.2	-0.04	-34	-1.1	<0.02	-1.8	-0.058	-27	-0.88	<0.02
01389500	TN	1980	2012	milligrams per liter as nitrogen	-1.3	-0.039	-35	-1.1	nd	-1.8	-0.057	-28	-0.87	nd
01389500	TN	1980	2016	milligrams per liter as nitrogen	-1.4	-0.038	-38	-1.1	<0.02	-2	-0.054	-30	-0.82	<0.02
01389500	TN	1990	2000	milligrams per liter as nitrogen	-0.66	-0.066	-20	-2	nd	-1	-0.1	-17	-1.7	nd
01389500	TN	1990	2007	milligrams per liter as nitrogen	-0.89	-0.052	-26	-1.6	nd	-1.2	-0.068	-19	-1.1	nd
01389500	TN	1990	2010	milligrams per liter as nitrogen	-0.95	-0.048	-28	-1.4	nd	-1.2	-0.06	-20	-0.99	nd
01389500	TN	1990	2011	milligrams per liter as nitrogen	-0.98	-0.047	-29	-1.4	nd	-1.2	-0.059	-20	-0.97	nd
01389500	TN	1990	2012	milligrams per liter as nitrogen	-1	-0.046	-30	-1.4	nd	-1.3	-0.058	-21	-0.96	nd
01389500	TN	1990	2016	milligrams per liter as nitrogen	-1.1	-0.043	-33	-1.3	nd	-1.4	-0.054	-23	-0.89	nd
01389500	TN	2000	2007	milligrams per liter as nitrogen	-0.23	-0.033	-8.6	-1.2	nd	-0.13	-0.018	-2.6	-0.37	nd
01389500	TN	2000	2010	milligrams per liter as nitrogen	-0.3	-0.03	-11	-1.1	nd	-0.16	-0.016	-3.2	-0.32	nd
01389500	TN	2000	2011	milligrams per liter as nitrogen	-0.33	-0.03	-12	-1.1	nd	-0.2	-0.018	-4	-0.37	nd
01389500	TN	2000	2012	milligrams per liter as nitrogen	-0.36	-0.03	-13	-1.1	nd	-0.24	-0.02	-4.8	-0.4	nd
01389500	TN	2000	2016	milligrams per liter as nitrogen	-0.46	-0.029	-17	-1.1	nd	-0.37	-0.023	-7.4	-0.46	nd
01389500	TN	2007	2010	milligrams per liter as nitrogen	-0.064	-0.021	-2.6	-0.87	nd	-0.031	-0.01	-0.64	-0.21	nd
01389500	TN	2007	2011	milligrams per liter as nitrogen	-0.093	-0.023	-3.8	-0.94	nd	-0.073	-0.018	-1.5	-0.37	nd
01389500	TN	2007	2012	milligrams per liter as nitrogen	-0.12	-0.024	-5	-0.99	nd	-0.11	-0.022	-2.3	-0.46	nd
01389500	TN	2007	2016	milligrams per liter as nitrogen	-0.23	-0.025	-9.3	-1	0.05	-0.24	-0.027	-4.9	-0.55	0.17
01389500	TN	2010	2011	milligrams per liter as nitrogen	-0.028	-0.028	-1.2	-1.2	nd	-0.042	-0.042	-0.86	-0.86	nd
01389500	TN	2010	2012	milligrams per liter as nitrogen	-0.058	-0.029	-2.4	-1.2	nd	-0.08	-0.04	-1.7	-0.83	nd
01389500	TN	2010	2016	milligrams per liter as nitrogen	-0.16	-0.027	-6.8	-1.1	nd	-0.21	-0.035	-4.3	-0.72	nd
01389500	TN	2011	2012	milligrams per liter as nitrogen	-0.03	-0.03	-1.2	-1.2	nd	-0.039	-0.039	-0.81	-0.81	nd
01389500	TN	2011	2016	milligrams per liter as nitrogen	-0.14	-0.027	-5.7	-1.1	nd	-0.17	-0.034	-3.5	-0.7	nd
01389500	TN	2012	2016	milligrams per liter as nitrogen	-0.11	-0.027	-4.5	-1.1	<0.02	-0.13	-0.032	-2.7	-0.68	0.13
01389500	TP	1973	1980	milligrams per liter as phosphorous	-0.08	-0.011	-15	-2.1	nd	-0.2	-0.029	-20	-2.8	nd
01389500	TP	1973	1990	milligrams per liter as phosphorous	-0.14	-0.0084	-26	-1.5	nd	-0.33	-0.02	-33	-1.9	nd
01389500	TP	1973	2000	milligrams per liter as phosphorous	-0.19	-0.0071	-35	-1.3	nd	-0.45	-0.017	-45	-1.7	nd
01389500	TP	1973	2007	milligrams per liter as phosphorous	-0.24	-0.0072	-45	-1.3	nd	-0.49	-0.014	-49	-1.4	nd
01389500	TP	1973	2010	milligrams per liter as phosphorous	-0.27	-0.0072	-49	-1.3	nd	-0.51	-0.014	-51	-1.4	nd
01389500	TP	1973	2011	milligrams per liter as phosphorous	-0.27	-0.0072	-50	-1.3	nd	-0.52	-0.014	-52	-1.4	nd
01389500	TP	1973	2012	milligrams per liter as phosphorous	-0.28	-0.0072	-51	-1.3	nd	-0.53	-0.014	-53	-1.4	nd
01389500	TP	1973	2016	milligrams per liter as phosphorous	-0.31	-0.0071	-56	-1.3	nd	-0.57	-0.013	-56	-1.3	nd
01389500	TP	1980	1990	milligrams per liter as phosphorous	-0.064	-0.0064	-14	-1.4	nd	-0.13	-0.013	-17	-1.7	nd
01389500	TP	1980	2000	milligrams per liter as phosphorous	-0.11	-0.0056	-24	-1.2	nd	-0.25	-0.013	-31	-1.6	nd
01389500	TP	1980	2007	milligrams per liter as phosphorous	-0.16	-0.0061	-35	-1.3	nd	-0.29	-0.011	-36	-1.3	nd
01389500	TP	1980	2010	milligrams per liter as phosphorous	-0.19	-0.0062	-40	-1.3	nd	-0.31	-0.01	-39	-1.3	nd
01389500	TP	1980	2011	milligrams per liter as phosphorous	-0.19	-0.0062	-41	-1.3	<0.02	-0.32	-0.01	-40	-1.3	<0.02
01389500	TP	1980	2012	milligrams per liter as phosphorous	-0.2	-0.0063	-43	-1.3	nd	-0.33	-0.01	-41	-1.3	nd
01389500	TP	1980	2016	milligrams per liter as phosphorous	-0.23	-0.0063	-48	-1.3	<0.02	-0.37	-0.01	-45	-1.3	<0.02
01389500	TP	1990	2000	milligrams per liter as phosphorous	-0.049	-0.0049	-12	-1.2	nd	-0.12	-0.012	-18	-1.8	nd
01389500	TP	1990	2007	milligrams per liter as phosphorous	-0.1	-0.0059	-25	-1.5	nd	-0.16	-0.0092	-23	-1.4	nd
01389500	TP	1990	2010	milligrams per liter as phosphorous	-0.12	-0.0061	-30	-1.5	nd	-0.18	-0.0089	-26	-1.3	nd
01389500	TP	1990	2011	milligrams per liter as phosphorous	-0.13	-0.0061	-32	-1.5	nd	-0.19	-0.0089	-28	-1.3	nd
01389500	TP	1990	2012	milligrams per liter as phosphorous	-0.14	-0.0062	-34	-1.5	nd	-0.2	-0.009	-29	-1.3	nd
01389500	TP	1990	2016	milligrams per liter as phosphorous	-0.16	-0.0062	-40	-1.5	nd	-0.23	-0.009	-35	-1.3	nd
01389500	TP	2000	2007	milligrams per liter as phosphorous	-0.052	-0.0074	-15	-2.1	nd	-0.036	-0.0052	-6.6	-0.94	nd
01389500	TP	2000	2010	milligrams per liter as phosphorous	-0.073	-0.0073	-21	-2.1	nd	-0.058	-0.0058	-10	-1	nd
01389500	TP	2000	2011	milligrams per liter as phosphorous	-0.08	-0.0073	-23	-2.1	nd	-0.068	-0.0062	-12	-1.1	nd
01389500	TP	2000	2012	milligrams per liter as phosphorous	-0.087	-0.0073	-25	-2.1	nd	-0.078	-0.0065	-14	-1.2	nd
01389500	TP	2000	2016	milligrams per liter as phosphorous	-0.11	-0.0071	-32	-2	nd	-0.11	-0.0071	-20	-1.3	nd
01389500	TP	2007	2010	milligrams per liter as phosphorous	-0.021	-0.0069	-6.9	-2.3	nd	-0.021	-0.0071	-4.1	-1.4	nd
01389500	TP	2007	2011	milligrams per liter as phosphorous	-0.028	-0.007	-9.2	-2.3	nd	-0.031	-0.0078	-6.1	-1.5	nd
01389500	TP	2007	2012	milligrams per liter as phosphorous	-0.035	-0.007	-12	-2.3	nd	-0.041	-0.0083	-8	-1.6	nd
01389500	TP	2007	2016	milligrams per liter as phosphorous	-0.061	-0.0068	-20	-2.2	<0.02	-0.077	-0.0085	-15	-1.6	<0.02
01389500	TP	2010	2011	milligrams per liter as phosphorous	-0.0071	-0.0071	-2.5	-2.5	nd	-0.01	-0.01	-2	-2	nd
01389500	TP	2010	2012	milligrams per liter as phosphorous	-0.014	-0.0072	-5.1	-2.6	nd	-0.02	-0.01	-4.1	-2	nd
01389500	TP	2010	2016	milligrams per liter as phosphorous	-0.04	-0.0067	-14	-2.4	nd	-0.055	-0.0092	-11	-1.9	nd

01389500	TP	2011	2012	milligrams per liter as phosphorous	-0.0073	-0.0073	-2.7	-2.7	nd	-0.01	-0.01	-2.1	-2.1	nd
01389500	TP	2011	2016	milligrams per liter as phosphorous	-0.033	-0.0066	-12	-2.4	nd	-0.045	-0.009	-9.3	-1.9	nd
01389500	TP	2012	2016	milligrams per liter as phosphorous	-0.026	-0.0065	-9.7	-2.4	<0.02	-0.035	-0.0088	-7.4	-1.8	<0.02
01391500	NO23	1971	1980	milligrams per liter as nitrogen	-1.1	-0.13	-29	-3.2	nd	-0.19	-0.021	-23	-2.5	nd
01391500	NO23	1971	1990	milligrams per liter as nitrogen	-0.3	-0.016	-7.5	-0.39	nd	0.0018	9.50E-05	0.21	0.011	nd
01391500	NO23	1971	2000	milligrams per liter as nitrogen	0.74	0.026	19	0.64	nd	0.16	0.0057	19	0.67	nd
01391500	NO23	1971	2007	milligrams per liter as nitrogen	1	0.029	26	0.72	nd	0.18	0.0051	22	0.6	nd
01391500	NO23	1971	2010	milligrams per liter as nitrogen	1.1	0.028	28	0.71	nd	0.18	0.0047	22	0.56	nd
01391500	NO23	1971	2011	milligrams per liter as nitrogen	1.1	0.027	27	0.68	nd	0.18	0.0044	21	0.52	nd
01391500	NO23	1971	2012	milligrams per liter as nitrogen	1.1	0.026	27	0.65	nd	0.17	0.0042	20	0.49	nd
01391500	NO23	1971	2016	milligrams per liter as nitrogen	0.99	0.022	25	0.55	nd	0.14	0.0032	17	0.38	nd
01391500	NO23	1980	1990	milligrams per liter as nitrogen	0.85	0.085	30	3	nd	0.19	0.019	30	3	nd
01391500	NO23	1980	2000	milligrams per liter as nitrogen	1.9	0.094	66	3.3	nd	0.36	0.018	55	2.7	nd
01391500	NO23	1980	2007	milligrams per liter as nitrogen	2.2	0.081	77	2.8	nd	0.38	0.014	58	2.1	nd
01391500	NO23	1980	2010	milligrams per liter as nitrogen	2.3	0.075	79	2.6	nd	0.38	0.013	58	1.9	nd
01391500	NO23	1980	2011	milligrams per liter as nitrogen	2.2	0.072	79	2.5	<0.02	0.37	0.012	57	1.8	<0.02
01391500	NO23	1980	2012	milligrams per liter as nitrogen	2.2	0.069	78	2.4	nd	0.36	0.011	56	1.7	nd
01391500	NO23	1980	2016	milligrams per liter as nitrogen	2.1	0.059	75	2.1	<0.02	0.34	0.0093	52	1.4	<0.02
01391500	NO23	1990	2000	milligrams per liter as nitrogen	1	0.1	28	2.8	nd	0.16	0.016	19	1.9	nd
01391500	NO23	1990	2007	milligrams per liter as nitrogen	1.3	0.079	36	2.1	nd	0.18	0.011	22	1.3	nd
01391500	NO23	1990	2010	milligrams per liter as nitrogen	1.4	0.07	38	1.9	nd	0.18	0.0091	21	1.1	nd
01391500	NO23	1990	2011	milligrams per liter as nitrogen	1.4	0.066	38	1.8	nd	0.18	0.0084	21	0.99	nd
01391500	NO23	1990	2012	milligrams per liter as nitrogen	1.4	0.062	37	1.7	nd	0.17	0.0077	20	0.9	nd
01391500	NO23	1990	2016	milligrams per liter as nitrogen	1.3	0.05	35	1.3	nd	0.14	0.0054	17	0.64	nd
01391500	NO23	2000	2007	milligrams per liter as nitrogen	0.3	0.042	6.3	0.89	nd	0.02	0.0028	2	0.28	nd
01391500	NO23	2000	2010	milligrams per liter as nitrogen	0.36	0.036	7.7	0.77	nd	0.019	0.0019	1.9	0.19	nd
01391500	NO23	2000	2011	milligrams per liter as nitrogen	0.35	0.032	7.4	0.67	nd	0.013	0.0012	1.3	0.12	nd
01391500	NO23	2000	2012	milligrams per liter as nitrogen	0.33	0.028	7	0.58	nd	0.0062	0.00052	0.61	0.051	nd
01391500	NO23	2000	2016	milligrams per liter as nitrogen	0.25	0.016	5.3	0.33	nd	-0.021	-0.0013	-2.1	-0.13	nd
01391500	NO23	2007	2010	milligrams per liter as nitrogen	0.067	0.022	1.3	0.44	nd	-0.00093	-0.00031	-0.09	-0.03	nd
01391500	NO23	2007	2011	milligrams per liter as nitrogen	0.054	0.013	1.1	0.27	nd	-0.0065	-0.0016	-0.63	-0.16	nd
01391500	NO23	2007	2012	milligrams per liter as nitrogen	0.034	0.0068	0.67	0.13	nd	-0.014	-0.0027	-1.3	-0.26	nd
01391500	NO23	2007	2016	milligrams per liter as nitrogen	-0.044	-0.0049	-0.88	-0.098	0.89	-0.04	-0.0045	-3.9	-0.44	0.37
01391500	NO23	2010	2011	milligrams per liter as nitrogen	-0.014	-0.014	-0.27	-0.27	nd	-0.0055	-0.0055	-0.54	-0.54	nd
01391500	NO23	2010	2012	milligrams per liter as nitrogen	-0.033	-0.017	-0.65	-0.33	nd	-0.013	-0.0063	-1.2	-0.61	nd
01391500	NO23	2010	2016	milligrams per liter as nitrogen	-0.11	-0.019	-2.2	-0.36	nd	-0.04	-0.0066	-3.8	-0.64	nd
01391500	NO23	2011	2012	milligrams per liter as nitrogen	-0.02	-0.02	-0.39	-0.39	nd	-0.007	-0.007	-0.69	-0.69	nd
01391500	NO23	2011	2016	milligrams per liter as nitrogen	-0.098	-0.02	-1.9	-0.38	nd	-0.034	-0.0068	-3.3	-0.67	nd
01391500	NO23	2012	2016	milligrams per liter as nitrogen	-0.078	-0.02	-1.5	-0.39	0.47	-0.027	-0.0067	-2.7	-0.66	0.21
01391500	TN	1973	1980	milligrams per liter as nitrogen	0.79	0.11	17	2.4	nd	0.16	0.023	15	2.1	nd
01391500	TN	1973	1990	milligrams per liter as nitrogen	1.2	0.071	25	1.5	nd	0.18	0.011	17	0.99	nd
01391500	TN	1973	2000	milligrams per liter as nitrogen	1.3	0.049	28	1	nd	0.27	0.0098	24	0.9	nd
01391500	TN	1973	2007	milligrams per liter as nitrogen	1.2	0.035	25	0.74	nd	0.2	0.006	19	0.54	nd
01391500	TN	1973	2010	milligrams per liter as nitrogen	1.1	0.029	23	0.61	nd	0.16	0.0043	15	0.39	nd
01391500	TN	1973	2011	milligrams per liter as nitrogen	1	0.027	21	0.57	nd	0.14	0.0038	13	0.34	nd
01391500	TN	1973	2012	milligrams per liter as nitrogen	0.96	0.025	20	0.52	nd	0.13	0.0032	11	0.29	nd
01391500	TN	1973	2016	milligrams per liter as nitrogen	0.72	0.017	15	0.35	nd	0.06	0.0014	5.5	0.13	nd
01391500	TN	1980	1990	milligrams per liter as nitrogen	0.41	0.041	7.5	0.75	nd	0.02	0.002	1.6	0.16	nd
01391500	TN	1980	2000	milligrams per liter as nitrogen	0.54	0.027	9.8	0.49	nd	0.1	0.0051	8.1	0.4	nd
01391500	TN	1980	2007	milligrams per liter as nitrogen	0.4	0.015	7.2	0.27	nd	0.039	0.0014	3.1	0.11	nd
01391500	TN	1980	2010	milligrams per liter as nitrogen	0.29	0.0096	5.2	0.17	nd	-0.0045	-0.00015	-0.35	-0.012	nd
01391500	TN	1980	2011	milligrams per liter as nitrogen	0.23	0.0074	4.2	0.13	0.34	-0.021	-0.00069	-1.7	-0.054	0.64
01391500	TN	1980	2012	milligrams per liter as nitrogen	0.17	0.0054	3.1	0.097	nd	-0.039	-0.0012	-3.1	-0.096	nd
01391500	TN	1980	2016	milligrams per liter as nitrogen	-0.067	-0.0018	-1.2	-0.033	0.90	-0.1	-0.0029	-8.3	-0.23	0.14
01391500	TN	1990	2000	milligrams per liter as nitrogen	0.13	0.013	2.2	0.22	nd	0.081	0.0081	6.3	0.63	nd
01391500	TN	1990	2007	milligrams per liter as nitrogen	-0.012	-0.00068	-0.2	-0.012	nd	0.018	0.0011	1.4	0.084	nd
01391500	TN	1990	2010	milligrams per liter as nitrogen	-0.12	-0.0062	-2.1	-0.1	nd	-0.025	-0.0012	-1.9	-0.097	nd
01391500	TN	1990	2011	milligrams per liter as nitrogen	-0.18	-0.0087	-3.1	-0.15	nd	-0.042	-0.002	-3.3	-0.15	nd
01391500	TN	1990	2012	milligrams per liter as nitrogen	-0.24	-0.011	-4	-0.18	nd	-0.059	-0.0027	-4.6	-0.21	nd
01391500	TN	1990	2016	milligrams per liter as nitrogen	-0.48	-0.018	-8.1	-0.31	nd	-0.12	-0.0048	-9.7	-0.37	nd
01391500	TN	2000	2007	milligrams per liter as nitrogen	-0.14	-0.02	-2.4	-0.34	nd	-0.063	-0.009	-4.6	-0.66	nd
01391500	TN	2000	2010	milligrams per liter as nitrogen	-0.26	-0.026	-4.2	-0.42	nd	-0.11	-0.011	-7.8	-0.78	nd
01391500	TN	2000	2011	milligrams per liter as nitrogen	-0.31	-0.029	-5.2	-0.47	nd	-0.12	-0.011	-9	-0.82	nd
01391500	TN	2000	2012	milligrams per liter as nitrogen	-0.37	-0.031	-6.1	-0.51	nd	-0.14	-0.012	-10	-0.86	nd
01391500	TN	2000	2016	milligrams per liter as nitrogen	-0.61	-0.038	-10	-0.63	nd	-0.21	-0.013	-15	-0.94	nd

01391500	TN	2007	2010	milligrams per liter as nitrogen	-0.11	-0.037	-1.9	-0.63	nd	-0.043	-0.014	-3.3	-1.1	nd
01391500	TN	2007	2011	milligrams per liter as nitrogen	-0.17	-0.043	-2.9	-0.72	nd	-0.06	-0.015	-4.6	-1.2	nd
01391500	TN	2007	2012	milligrams per liter as nitrogen	-0.23	-0.046	-3.8	-0.77	nd	-0.077	-0.015	-6	-1.2	nd
01391500	TN	2007	2016	milligrams per liter as nitrogen	-0.47	-0.052	-7.9	-0.87	0.10	-0.14	-0.016	-11	-1.2	<0.02
01391500	TN	2010	2011	milligrams per liter as nitrogen	-0.059	-0.059	-1	-1	nd	-0.017	-0.017	-1.3	-1.3	nd
01391500	TN	2010	2012	milligrams per liter as nitrogen	-0.12	-0.058	-2	-1	nd	-0.034	-0.017	-2.7	-1.4	nd
01391500	TN	2010	2016	milligrams per liter as nitrogen	-0.36	-0.059	-6.1	-1	nd	-0.1	-0.017	-7.9	-1.3	nd
01391500	TN	2011	2012	milligrams per liter as nitrogen	-0.058	-0.058	-1	-1	nd	-0.017	-0.017	-1.4	-1.4	nd
01391500	TN	2011	2016	milligrams per liter as nitrogen	-0.3	-0.059	-5.1	-1	nd	-0.083	-0.017	-6.7	-1.3	nd
01391500	TN	2012	2016	milligrams per liter as nitrogen	-0.24	-0.06	-4.2	-1	0.04	-0.065	-0.016	-5.4	-1.3	<0.02
01391500	TP	1973	1980	milligrams per liter as phosphorous	-0.13	-0.019	-12	-1.8	nd	-0.032	-0.0046	-15	-2.1	nd
01391500	TP	1973	1990	milligrams per liter as phosphorous	-0.33	-0.019	-31	-1.8	nd	-0.059	-0.0035	-27	-1.6	nd
01391500	TP	1973	2000	milligrams per liter as phosphorous	-0.29	-0.011	-27	-1	nd	-0.064	-0.0024	-29	-1.1	nd
01391500	TP	1973	2007	milligrams per liter as phosphorous	-0.26	-0.0077	-25	-0.73	nd	-0.059	-0.0017	-27	-0.79	nd
01391500	TP	1973	2010	milligrams per liter as phosphorous	-0.28	-0.0076	-27	-0.72	nd	-0.065	-0.0018	-30	-0.81	nd
01391500	TP	1973	2011	milligrams per liter as phosphorous	-0.29	-0.0076	-27	-0.71	nd	-0.067	-0.0018	-31	-0.81	nd
01391500	TP	1973	2012	milligrams per liter as phosphorous	-0.29	-0.0075	-28	-0.71	nd	-0.068	-0.0017	-31	-0.8	nd
01391500	TP	1973	2016	milligrams per liter as phosphorous	-0.32	-0.0075	-30	-0.7	nd	-0.074	-0.0017	-34	-0.79	nd
01391500	TP	1980	1990	milligrams per liter as phosphorous	-0.2	-0.02	-21	-2.1	nd	-0.027	-0.0027	-14	-1.4	nd
01391500	TP	1980	2000	milligrams per liter as phosphorous	-0.15	-0.0077	-17	-0.83	nd	-0.032	-0.0016	-17	-0.85	nd
01391500	TP	1980	2007	milligrams per liter as phosphorous	-0.13	-0.0049	-14	-0.52	nd	-0.027	-0.00099	-14	-0.53	nd
01391500	TP	1980	2010	milligrams per liter as phosphorous	-0.15	-0.005	-16	-0.54	nd	-0.033	-0.0011	-18	-0.6	nd
01391500	TP	1980	2011	milligrams per liter as phosphorous	-0.16	-0.005	-17	-0.54	0.07	-0.035	-0.0011	-19	-0.6	0.04
01391500	TP	1980	2012	milligrams per liter as phosphorous	-0.16	-0.0051	-17	-0.54	nd	-0.036	-0.0011	-19	-0.61	nd
01391500	TP	1980	2016	milligrams per liter as phosphorous	-0.19	-0.0053	-20	-0.56	0.02	-0.042	-0.0012	-23	-0.63	0.03
01391500	TP	1990	2000	milligrams per liter as phosphorous	0.043	0.0043	5.9	0.59	nd	-0.005	-5.00E-04	-3.1	-0.31	nd
01391500	TP	1990	2007	milligrams per liter as phosphorous	0.065	0.0038	8.9	0.52	nd	-0.00014	-8.50E-06	-0.091	-0.0054	nd
01391500	TP	1990	2010	milligrams per liter as phosphorous	0.046	0.0023	6.3	0.32	nd	-0.0066	-0.00033	-4.1	-0.21	nd
01391500	TP	1990	2011	milligrams per liter as phosphorous	0.041	0.0019	5.5	0.26	nd	-0.008	-0.00038	-5	-0.24	nd
01391500	TP	1990	2012	milligrams per liter as phosphorous	0.035	0.0016	4.8	0.22	nd	-0.0094	-0.00043	-5.9	-0.27	nd
01391500	TP	1990	2016	milligrams per liter as phosphorous	0.0078	3.00E-04	1.1	0.041	nd	-0.016	-6.00E-04	-9.8	-0.38	nd
01391500	TP	2000	2007	milligrams per liter as phosphorous	0.022	0.0032	2.9	0.41	nd	0.0049	0.00069	3.2	0.45	nd
01391500	TP	2000	2010	milligrams per liter as phosphorous	0.0034	0.00034	0.43	0.043	nd	-0.0016	-0.00016	-1	-0.1	nd
01391500	TP	2000	2011	milligrams per liter as phosphorous	-0.0024	-0.00022	-0.31	-0.029	nd	-0.003	-0.00027	-1.9	-0.18	nd
01391500	TP	2000	2012	milligrams per liter as phosphorous	-0.0083	-0.00069	-1.1	-0.089	nd	-0.0044	-0.00037	-2.8	-0.24	nd
01391500	TP	2000	2016	milligrams per liter as phosphorous	-0.035	-0.0022	-4.5	-0.28	nd	-0.011	-0.00066	-6.9	-0.43	nd
01391500	TP	2007	2010	milligrams per liter as phosphorous	-0.019	-0.0063	-2.4	-0.79	nd	-0.0064	-0.0021	-4.1	-1.4	nd
01391500	TP	2007	2011	milligrams per liter as phosphorous	-0.025	-0.0062	-3.1	-0.77	nd	-0.0079	-0.002	-4.9	-1.2	nd
01391500	TP	2007	2012	milligrams per liter as phosphorous	-0.03	-0.0061	-3.8	-0.76	nd	-0.0092	-0.0018	-5.8	-1.2	nd
01391500	TP	2007	2016	milligrams per liter as phosphorous	-0.057	-0.0064	-7.2	-0.8	0.45	-0.015	-0.0017	-9.7	-1.1	0.24
01391500	TP	2010	2011	milligrams per liter as phosphorous	-0.0058	-0.0058	-0.74	-0.74	nd	-0.0014	-0.0014	-0.93	-0.93	nd
01391500	TP	2010	2012	milligrams per liter as phosphorous	-0.012	-0.0058	-1.5	-0.75	nd	-0.0028	-0.0014	-1.8	-0.92	nd
01391500	TP	2010	2016	milligrams per liter as phosphorous	-0.039	-0.0064	-5	-0.83	nd	-0.009	-0.0015	-5.9	-0.99	nd
01391500	TP	2011	2012	milligrams per liter as phosphorous	-0.0058	-0.0058	-0.76	-0.76	nd	-0.0014	-0.0014	-0.92	-0.92	nd
01391500	TP	2011	2016	milligrams per liter as phosphorous	-0.033	-0.0066	-4.2	-0.85	nd	-0.0076	-0.0015	-5	-1	nd
01391500	TP	2012	2016	milligrams per liter as phosphorous	-0.027	-0.0067	-3.5	-0.88	0.26	-0.0062	-0.0016	-4.2	-1	0.18
01395000	NO23	1979	1980	milligrams per liter as nitrogen	0.006	0.006	0.7	0.7	nd	0.00046	0.00046	0.34	0.34	nd
01395000	NO23	1979	1990	milligrams per liter as nitrogen	0.052	0.0047	6.1	0.55	nd	0.0064	0.00059	4.7	0.43	nd
01395000	NO23	1979	2000	milligrams per liter as nitrogen	0.13	0.0062	15	0.73	nd	0.012	0.00057	8.8	0.42	nd
01395000	NO23	1979	2007	milligrams per liter as nitrogen	0.12	0.0042	14	0.49	nd	0.0031	0.00011	2.3	0.081	nd
01395000	NO23	1979	2010	milligrams per liter as nitrogen	0.093	0.003	11	0.35	nd	-0.00055	-1.80E-05	-0.4	-0.013	nd
01395000	NO23	1979	2011	milligrams per liter as nitrogen	0.08	0.0025	9.4	0.29	nd	-0.0038	-0.00012	-2.8	-0.088	nd
01395000	NO23	1979	2012	milligrams per liter as nitrogen	0.068	0.002	7.9	0.24	nd	-0.0068	-0.00021	-5	-0.15	nd
01395000	NO23	1979	2016	milligrams per liter as nitrogen	0.014	0.00039	1.7	0.046	nd	-0.016	-0.00043	-12	-0.32	nd
01395000	NO23	1980	1990	milligrams per liter as nitrogen	0.046	0.0046	5.4	0.54	nd	0.006	6.00E-04	4.4	0.44	nd
01395000	NO23	1980	2000	milligrams per liter as nitrogen	0.13	0.0063	15	0.73	nd	0.012	0.00058	8.4	0.42	nd
01395000	NO23	1980	2007	milligrams per liter as nitrogen	0.11	0.0041	13	0.48	nd	0.0026	9.80E-05	1.9	0.072	nd
01395000	NO23	1980	2010	milligrams per liter as nitrogen	0.087	0.0029	10	0.33	nd	-0.001	-3.40E-05	-0.74	-0.025	nd
01395000	NO23	1980	2011	milligrams per liter as nitrogen	0.074	0.0024	8.6	0.28	0.55	-0.0043	-0.00014	-3.1	-0.1	0.58
01395000	NO23	1980	2012	milligrams per liter as nitrogen	0.062	0.0019	7.1	0.22	nd	-0.0073	-0.00023	-5.3	-0.17	nd
01395000	NO23	1980	2016	milligrams per liter as nitrogen	0.0085	0.00024	0.99	0.028	0.96	-0.016	-0.00045	-12	-0.33	0.30
01395000	NO23	1990	2000	milligrams per liter as nitrogen	0.079	0.0079	8.7	0.87	nd	0.0055	0.00055	3.9	0.39	nd
01395000	NO23	1990	2007	milligrams per liter as nitrogen	0.065	0.0038	7.2	0.42	nd	-0.0033	-2.00E-04	-2.3	-0.14	nd
01395000	NO23	1990	2010	milligrams per liter as nitrogen	0.04	0.002	4.4	0.22	nd	-0.007	-0.00035	-4.9	-0.25	nd
01395000	NO23	1990	2011	milligrams per liter as nitrogen	0.028	0.0013	3.1	0.15	nd	-0.01	-0.00049	-7.2	-0.34	nd

01395000	NO23	1990	2012	milligrams per liter as nitrogen	0.015	7.00E-04	1.7	0.077	nd	-0.013	-6.00E-04	-9.3	-0.42	nd
01395000	NO23	1990	2016	milligrams per liter as nitrogen	-0.038	-0.0014	-4.1	-0.16	nd	-0.022	-0.00086	-16	-0.6	nd
01395000	NO23	2000	2007	milligrams per liter as nitrogen	-0.013	-0.0019	-1.4	-0.19	nd	-0.0089	-0.0013	-6	-0.86	nd
01395000	NO23	2000	2010	milligrams per liter as nitrogen	-0.038	-0.0038	-3.9	-0.39	nd	-0.013	-0.0013	-8.5	-0.85	nd
01395000	NO23	2000	2011	milligrams per liter as nitrogen	-0.051	-0.0046	-5.2	-0.47	nd	-0.016	-0.0014	-11	-0.97	nd
01395000	NO23	2000	2012	milligrams per liter as nitrogen	-0.063	-0.0053	-6.4	-0.54	nd	-0.019	-0.0016	-13	-1.1	nd
01395000	NO23	2000	2016	milligrams per liter as nitrogen	-0.12	-0.0073	-12	-0.74	nd	-0.028	-0.0017	-19	-1.2	nd
01395000	NO23	2007	2010	milligrams per liter as nitrogen	-0.025	-0.0084	-2.6	-0.86	nd	-0.0037	-0.0012	-2.6	-0.87	nd
01395000	NO23	2007	2011	milligrams per liter as nitrogen	-0.038	-0.0094	-3.9	-0.96	nd	-0.0069	-0.0017	-5	-1.2	nd
01395000	NO23	2007	2012	milligrams per liter as nitrogen	-0.05	-0.01	-5.1	-1	nd	-0.0099	-0.002	-7.1	-1.4	nd
01395000	NO23	2007	2016	milligrams per liter as nitrogen	-0.1	-0.011	-11	-1.2	0.03	-0.019	-0.0021	-14	-1.5	<0.02
01395000	NO23	2010	2011	milligrams per liter as nitrogen	-0.012	-0.012	-1.3	-1.3	nd	-0.0033	-0.0033	-2.4	-2.4	nd
01395000	NO23	2010	2012	milligrams per liter as nitrogen	-0.025	-0.012	-2.6	-1.3	nd	-0.0063	-0.0031	-4.6	-2.3	nd
01395000	NO23	2010	2016	milligrams per liter as nitrogen	-0.078	-0.013	-8.2	-1.4	nd	-0.015	-0.0026	-11	-1.9	nd
01395000	NO23	2011	2012	milligrams per liter as nitrogen	-0.013	-0.013	-1.3	-1.3	nd	-0.003	-0.003	-2.3	-2.3	nd
01395000	NO23	2011	2016	milligrams per liter as nitrogen	-0.066	-0.013	-7	-1.4	nd	-0.012	-0.0024	-9.1	-1.8	nd
01395000	NO23	2012	2016	milligrams per liter as nitrogen	-0.053	-0.013	-5.7	-1.4	<0.02	-0.0091	-0.0023	-7	-1.8	<0.02
01395000	TN	1979	1980	milligrams per liter as nitrogen	-0.028	-0.028	-1.5	-1.5	nd	-0.0025	-0.0025	-0.81	-0.81	nd
01395000	TN	1979	1990	milligrams per liter as nitrogen	-0.24	-0.022	-13	-1.2	nd	-0.022	-0.002	-7.1	-0.65	nd
01395000	TN	1979	2000	milligrams per liter as nitrogen	-0.31	-0.015	-17	-0.81	nd	-0.05	-0.0024	-16	-0.77	nd
01395000	TN	1979	2007	milligrams per liter as nitrogen	-0.4	-0.014	-22	-0.78	nd	-0.075	-0.0027	-24	-0.86	nd
01395000	TN	1979	2010	milligrams per liter as nitrogen	-0.44	-0.014	-24	-0.78	nd	-0.08	-0.0026	-26	-0.83	nd
01395000	TN	1979	2011	milligrams per liter as nitrogen	-0.46	-0.014	-25	-0.79	nd	-0.084	-0.0026	-27	-0.85	nd
01395000	TN	1979	2012	milligrams per liter as nitrogen	-0.48	-0.015	-26	-0.8	nd	-0.088	-0.0027	-28	-0.86	nd
01395000	TN	1979	2016	milligrams per liter as nitrogen	-0.55	-0.015	-30	-0.82	nd	-0.1	-0.0027	-32	-0.87	nd
01395000	TN	1980	1990	milligrams per liter as nitrogen	-0.21	-0.021	-12	-1.2	nd	-0.02	-0.002	-6.4	-0.64	nd
01395000	TN	1980	2000	milligrams per liter as nitrogen	-0.28	-0.014	-16	-0.78	nd	-0.047	-0.0024	-15	-0.77	nd
01395000	TN	1980	2007	milligrams per liter as nitrogen	-0.37	-0.014	-21	-0.76	nd	-0.072	-0.0027	-23	-0.86	nd
01395000	TN	1980	2010	milligrams per liter as nitrogen	-0.42	-0.014	-23	-0.77	nd	-0.078	-0.0026	-25	-0.84	nd
01395000	TN	1980	2011	milligrams per liter as nitrogen	-0.43	-0.014	-24	-0.78	<0.02	-0.082	-0.0026	-26	-0.85	0.22
01395000	TN	1980	2012	milligrams per liter as nitrogen	-0.45	-0.014	-25	-0.79	nd	-0.086	-0.0027	-28	-0.87	nd
01395000	TN	1980	2016	milligrams per liter as nitrogen	-0.53	-0.015	-29	-0.81	0.03	-0.097	-0.0027	-31	-0.87	0.03
01395000	TN	1990	2000	milligrams per liter as nitrogen	-0.067	-0.0067	-4.2	-0.42	nd	-0.028	-0.0028	-9.6	-0.96	nd
01395000	TN	1990	2007	milligrams per liter as nitrogen	-0.15	-0.0091	-9.8	-0.57	nd	-0.052	-0.0031	-18	-1.1	nd
01395000	TN	1990	2010	milligrams per liter as nitrogen	-0.2	-0.01	-13	-0.64	nd	-0.058	-0.0029	-20	-1	nd
01395000	TN	1990	2011	milligrams per liter as nitrogen	-0.22	-0.01	-14	-0.66	nd	-0.062	-0.003	-21	-1	nd
01395000	TN	1990	2012	milligrams per liter as nitrogen	-0.24	-0.011	-15	-0.68	nd	-0.066	-0.003	-23	-1	nd
01395000	TN	1990	2016	milligrams per liter as nitrogen	-0.31	-0.012	-20	-0.75	nd	-0.077	-0.003	-27	-1	nd
01395000	TN	2000	2007	milligrams per liter as nitrogen	-0.088	-0.013	-5.8	-0.83	nd	-0.025	-0.0035	-9.4	-1.3	nd
01395000	TN	2000	2010	milligrams per liter as nitrogen	-0.14	-0.014	-8.9	-0.89	nd	-0.03	-0.003	-12	-1.2	nd
01395000	TN	2000	2011	milligrams per liter as nitrogen	-0.15	-0.014	-10	-0.91	nd	-0.034	-0.0031	-13	-1.2	nd
01395000	TN	2000	2012	milligrams per liter as nitrogen	-0.17	-0.014	-11	-0.94	nd	-0.038	-0.0032	-15	-1.2	nd
01395000	TN	2000	2016	milligrams per liter as nitrogen	-0.24	-0.015	-16	-1	nd	-0.05	-0.0031	-19	-1.2	nd
01395000	TN	2007	2010	milligrams per liter as nitrogen	-0.047	-0.016	-3.3	-1.1	nd	-0.0056	-0.0019	-2.4	-0.78	nd
01395000	TN	2007	2011	milligrams per liter as nitrogen	-0.065	-0.016	-4.5	-1.1	nd	-0.0096	-0.0024	-4.1	-1	nd
01395000	TN	2007	2012	milligrams per liter as nitrogen	-0.084	-0.017	-5.9	-1.2	nd	-0.014	-0.0027	-5.7	-1.1	nd
01395000	TN	2007	2016	milligrams per liter as nitrogen	-0.16	-0.017	-11	-1.2	<0.02	-0.025	-0.0028	-11	-1.2	<0.02
01395000	TN	2010	2011	milligrams per liter as nitrogen	-0.018	-0.018	-1.3	-1.3	nd	-0.004	-0.004	-1.7	-1.7	nd
01395000	TN	2010	2012	milligrams per liter as nitrogen	-0.037	-0.018	-2.6	-1.3	nd	-0.008	-0.004	-3.5	-1.7	nd
01395000	TN	2010	2016	milligrams per liter as nitrogen	-0.11	-0.018	-7.9	-1.3	nd	-0.019	-0.0032	-8.4	-1.4	nd
01395000	TN	2011	2012	milligrams per liter as nitrogen	-0.019	-0.019	-1.4	-1.4	nd	-0.004	-0.004	-1.8	-1.8	nd
01395000	TN	2011	2016	milligrams per liter as nitrogen	-0.091	-0.018	-6.7	-1.3	nd	-0.015	-0.0031	-6.8	-1.4	nd
01395000	TN	2012	2016	milligrams per liter as nitrogen	-0.072	-0.018	-5.3	-1.3	<0.02	-0.011	-0.0029	-5.1	-1.3	<0.02
01395000	TP	1983	1990	milligrams per liter as phosphorous	-0.0075	-0.0011	-7	-1	nd	-0.0016	-0.00023	-6.5	-0.93	nd
01395000	TP	1983	2000	milligrams per liter as phosphorous	-0.0025	-0.00015	-2.3	-0.14	nd	0.00093	5.50E-05	3.7	0.22	nd
01395000	TP	1983	2007	milligrams per liter as phosphorous	-0.00057	-2.40E-05	-0.53	-0.022	nd	0.00029	1.20E-05	1.1	0.047	nd
01395000	TP	1983	2010	milligrams per liter as phosphorous	0.00037	1.40E-05	0.35	0.013	nd	0.00052	1.90E-05	2	0.076	nd
01395000	TP	1983	2011	milligrams per liter as phosphorous	0.0014	5.00E-05	1.3	0.047	0.75	0.0011	4.00E-05	4.4	0.16	0.39
01395000	TP	1983	2012	milligrams per liter as phosphorous	0.0026	9.10E-05	2.5	0.086	nd	0.0017	6.00E-05	6.8	0.24	nd
01395000	TP	1983	2016	milligrams per liter as phosphorous	0.007	0.00021	6.6	0.2	0.29	0.0033	1.00E-04	13	0.4	0.10
01395000	TP	1990	2000	milligrams per liter as phosphorous	0.005	5.00E-04	5.1	0.51	nd	0.0026	0.00026	11	1.1	nd
01395000	TP	1990	2007	milligrams per liter as phosphorous	0.0069	0.00041	7	0.41	nd	0.0019	0.00011	8.1	0.48	nd
01395000	TP	1990	2010	milligrams per liter as phosphorous	0.0078	0.00039	8	0.4	nd	0.0022	0.00011	9.1	0.46	nd
01395000	TP	1990	2011	milligrams per liter as phosphorous	0.0089	0.00042	9	0.43	nd	0.0028	0.00013	12	0.55	nd
01395000	TP	1990	2012	milligrams per liter as phosphorous	0.01	0.00046	10	0.47	nd	0.0034	0.00015	14	0.65	nd

01395000	TP	1990	2016	milligrams per liter as phosphorous	0.014	0.00056	15	0.57	nd	0.005	0.00019	21	0.81	nd
01395000	TP	2000	2007	milligrams per liter as phosphorous	0.0019	0.00027	1.9	0.26	nd	-0.00064	-9.10E-05	-2.4	-0.35	nd
01395000	TP	2000	2010	milligrams per liter as phosphorous	0.0029	0.00029	2.8	0.28	nd	-0.00041	-4.10E-05	-1.6	-0.16	nd
01395000	TP	2000	2011	milligrams per liter as phosphorous	0.0039	0.00035	3.8	0.34	nd	0.00019	1.70E-05	0.71	0.065	nd
01395000	TP	2000	2012	milligrams per liter as phosphorous	0.0051	0.00043	5	0.41	nd	0.00081	6.70E-05	3.1	0.26	nd
01395000	TP	2000	2016	milligrams per liter as phosphorous	0.0095	0.00059	9.2	0.57	nd	0.0024	0.00015	9.2	0.58	nd
01395000	TP	2007	2010	milligrams per liter as phosphorous	0.00094	0.00031	0.89	0.3	nd	0.00023	7.70E-05	0.9	0.3	nd
01395000	TP	2007	2011	milligrams per liter as phosphorous	0.002	0.00049	1.9	0.47	nd	0.00083	0.00021	3.2	0.81	nd
01395000	TP	2007	2012	milligrams per liter as phosphorous	0.0032	0.00064	3	0.61	nd	0.0014	0.00029	5.6	1.1	nd
01395000	TP	2007	2016	milligrams per liter as phosphorous	0.0076	0.00084	7.2	0.8	0.16	0.0031	0.00034	12	1.3	0.07
01395000	TP	2010	2011	milligrams per liter as phosphorous	0.001	0.001	0.97	9.70E-01	nd	6.00E-04	6.00E-04	2.3	2.3	nd
01395000	TP	2010	2012	milligrams per liter as phosphorous	0.0023	0.0011	2.1	1.1	nd	0.0012	0.00061	4.7	2.4	nd
01395000	TP	2010	2016	milligrams per liter as phosphorous	0.0066	0.0011	6.3	1	nd	0.0028	0.00047	11	1.8	nd
01395000	TP	2011	2012	milligrams per liter as phosphorous	0.0012	0.0012	1.2	1.2	nd	0.00062	0.00062	2.3	2.3	nd
01395000	TP	2011	2016	milligrams per liter as phosphorous	0.0056	0.0011	5.2	1	nd	0.0022	0.00045	8.5	1.7	nd
01395000	TP	2012	2016	milligrams per liter as phosphorous	0.0044	0.0011	4	1	0.12	0.0016	4.00E-04	6	1.5	0.05
01396660	NO23	1978	1980	milligrams per liter as nitrogen	-0.00044	-0.00022	-0.044	-0.022	nd	2.10E-05	1.00E-05	0.044	0.02	nd
01396660	NO23	1978	1990	milligrams per liter as nitrogen	-0.026	-0.0022	-2.7	-0.22	nd	-0.00037	-3.10E-05	-0.77	-0.06	nd
01396660	NO23	1978	2000	milligrams per liter as nitrogen	-0.13	-0.0061	-13	-0.61	nd	-0.0057	-0.00026	-12	-0.55	nd
01396660	NO23	1978	2007	milligrams per liter as nitrogen	-0.14	-0.0047	-14	-0.48	nd	-0.0051	-0.00017	-11	-0.37	nd
01396660	NO23	1978	2010	milligrams per liter as nitrogen	-0.12	-0.0038	-12	-0.38	nd	-0.0038	-0.00012	-8	-0.25	nd
01396660	NO23	1978	2011	milligrams per liter as nitrogen	-0.11	-0.0034	-11	-0.35	nd	-0.0034	-1.00E-04	-7.2	-0.22	nd
01396660	NO23	1978	2012	milligrams per liter as nitrogen	-0.11	-0.0032	-11	-0.32	nd	-0.0031	-9.10E-05	-6.5	-0.19	nd
01396660	NO23	1978	2016	milligrams per liter as nitrogen	-0.083	-0.0022	-8.3	-0.22	nd	-0.0015	-4.00E-05	-3.2	-0.08	nd
01396660	NO23	1980	1990	milligrams per liter as nitrogen	-0.026	-0.0026	-2.6	-0.26	nd	-0.00039	-3.90E-05	-0.82	-0.08	nd
01396660	NO23	1980	2000	milligrams per liter as nitrogen	-0.13	-0.0066	-13	-0.67	nd	-0.0058	-0.00029	-12	-0.61	nd
01396660	NO23	1980	2007	milligrams per liter as nitrogen	-0.14	-0.0051	-14	-0.51	nd	-0.0051	-0.00019	-11	-0.40	nd
01396660	NO23	1980	2010	milligrams per liter as nitrogen	-0.12	-0.004	-12	-0.4	nd	-0.0038	-0.00013	-8	-0.27	nd
01396660	NO23	1980	2011	milligrams per liter as nitrogen	-0.11	-0.0037	-11	-0.37	0.032	-0.0034	-0.00011	-7.2	-0.23	0.3
01396660	NO23	1980	2012	milligrams per liter as nitrogen	-0.11	-0.0034	-11	-0.34	nd	-0.0031	-9.70E-05	-6.6	-0.20	nd
01396660	NO23	1980	2016	milligrams per liter as nitrogen	-0.082	-0.0023	-8.3	-0.23	0.22	-0.0015	-4.30E-05	-3.2	-0.09	0.99
01396660	NO23	1990	2000	milligrams per liter as nitrogen	-0.11	-0.011	-11	-1.1	nd	-0.0054	-0.00054	-11	-1.10	nd
01396660	NO23	1990	2007	milligrams per liter as nitrogen	-0.11	-0.0065	-12	-0.68	nd	-0.0047	-0.00028	-10	-0.59	nd
01396660	NO23	1990	2010	milligrams per liter as nitrogen	-0.094	-0.0047	-9.7	-0.49	nd	-0.0034	-0.00017	-7.3	-0.36	nd
01396660	NO23	1990	2011	milligrams per liter as nitrogen	-0.087	-0.0042	-9.1	-0.43	nd	-0.003	-0.00014	-6.5	-0.31	nd
01396660	NO23	1990	2012	milligrams per liter as nitrogen	-0.083	-0.0038	-8.6	-0.39	nd	-0.0027	-0.00012	-5.8	-0.26	nd
01396660	NO23	1990	2016	milligrams per liter as nitrogen	-0.056	-0.0022	-5.8	-0.22	nd	-0.0011	-4.40E-05	-2.4	-0.09	nd
01396660	NO23	2000	2007	milligrams per liter as nitrogen	-0.0041	-0.00058	-0.48	-0.068	nd	0.00068	9.80E-05	1.6	0.24	nd
01396660	NO23	2000	2010	milligrams per liter as nitrogen	0.013	0.0013	1.5	0.15	nd	0.002	2.00E-04	4.7	0.47	nd
01396660	NO23	2000	2011	milligrams per liter as nitrogen	0.02	0.0018	2.3	0.21	nd	0.0023	0.00021	5.6	0.51	nd
01396660	NO23	2000	2012	milligrams per liter as nitrogen	0.024	0.002	2.8	0.24	nd	0.0027	0.00022	6.4	0.53	nd
01396660	NO23	2000	2016	milligrams per liter as nitrogen	0.051	0.0032	5.9	0.37	nd	0.0042	0.00026	10	0.64	nd
01396660	NO23	2007	2010	milligrams per liter as nitrogen	0.017	0.0057	2	0.66	nd	0.0013	0.00043	3	1.00	nd
01396660	NO23	2007	2011	milligrams per liter as nitrogen	0.024	0.0059	2.8	0.69	nd	0.0017	0.00041	3.9	0.98	nd
01396660	NO23	2007	2012	milligrams per liter as nitrogen	0.028	0.0057	3.3	0.67	nd	0.002	4.00E-04	4.7	0.94	nd
01396660	NO23	2007	2016	milligrams per liter as nitrogen	0.055	0.0061	6.4	0.71	0.055	0.0036	0.00039	8.4	0.93	0.024
01396660	NO23	2010	2011	milligrams per liter as nitrogen	0.0066	0.0066	0.76	0.76	nd	0.00037	0.00037	0.86	0.86	nd
01396660	NO23	2010	2012	milligrams per liter as nitrogen	0.011	0.0057	1.3	0.65	nd	0.00069	0.00035	1.6	0.79	nd
01396660	NO23	2010	2016	milligrams per liter as nitrogen	0.038	0.0063	4.3	0.72	nd	0.0023	0.00038	5.2	0.87	nd
01396660	NO23	2011	2012	milligrams per liter as nitrogen	0.0048	0.0048	0.55	0.55	nd	0.00032	0.00032	0.73	0.73	nd
01396660	NO23	2011	2016	milligrams per liter as nitrogen	0.031	0.0062	3.6	0.71	nd	0.0019	0.00038	4.3	0.86	nd
01396660	NO23	2012	2016	milligrams per liter as nitrogen	0.026	0.0066	3	0.75	<0.02	0.0016	0.00039	3.6	0.89	<0.02
01396660	TN	1978	1980	milligrams per liter as nitrogen	0.0059	0.003	0.45	0.22	nd	0.00065	0.00033	0.93	0.47	nd
01396660	TN	1978	1990	milligrams per liter as nitrogen	-0.032	-0.0027	-2.4	-0.2	nd	-0.0012	-1.00E-04	-1.7	-0.15	nd
01396660	TN	1978	2000	milligrams per liter as nitrogen	-0.3	-0.014	-23	-1	nd	-0.017	-0.00076	-24	-1.10	nd
01396660	TN	1978	2007	milligrams per liter as nitrogen	-0.37	-0.013	-28	-0.96	nd	-0.018	-0.00063	-26	-0.89	nd
01396660	TN	1978	2010	milligrams per liter as nitrogen	-0.39	-0.012	-30	-0.92	nd	-0.019	-0.00058	-27	-0.83	nd
01396660	TN	1978	2011	milligrams per liter as nitrogen	-0.39	-0.012	-30	-0.91	nd	-0.019	-0.00057	-27	-0.81	nd
01396660	TN	1978	2012	milligrams per liter as nitrogen	-0.4	-0.012	-31	-0.9	nd	-0.019	-0.00056	-27	-0.79	nd
01396660	TN	1978	2016	milligrams per liter as nitrogen	-0.42	-0.011	-32	-0.84	nd	-0.019	-5.00E-04	-27	-0.72	nd
01396660	TN	1980	1990	milligrams per liter as nitrogen	-0.038	-0.0038	-2.9	-0.29	nd	-0.0019	-0.00019	-2.6	-0.26	nd
01396660	TN	1980	2000	milligrams per liter as nitrogen	-0.31	-0.015	-23	-1.2	nd	-0.017	-0.00087	-25	-1.20	nd
01396660	TN	1980	2007	milligrams per liter as nitrogen	-0.37	-0.014	-28	-1	nd	-0.019	-7.00E-04	-26	-0.98	nd
01396660	TN	1980	2010	milligrams per liter as nitrogen	-0.39	-0.013	-30	-0.99	nd	-0.019	-0.00064	-27	-0.91	nd
01396660	TN	1980	2011	milligrams per liter as nitrogen	-0.4	-0.013	-30	-0.98	<0.02	-0.019	-0.00062	-27	-0.88	<0.02

01396660	TN	1980	2012	milligrams per liter as nitrogen	-0.41	-0.013	-31	-0.96	nd	-0.02	-0.00061	-28	-0.86	nd
01396660	TN	1980	2016	milligrams per liter as nitrogen	-0.43	-0.012	-32	-0.9	<0.02	-0.02	-0.00055	-28	-0.78	<0.02
01396660	TN	1990	2000	milligrams per liter as nitrogen	-0.27	-0.027	-21	-2.1	nd	-0.016	-0.0016	-23	-2.30	nd
01396660	TN	1990	2007	milligrams per liter as nitrogen	-0.33	-0.02	-26	-1.5	nd	-0.017	-0.00099	-24	-1.40	nd
01396660	TN	1990	2010	milligrams per liter as nitrogen	-0.36	-0.018	-28	-1.4	nd	-0.017	-0.00087	-25	-1.30	nd
01396660	TN	1990	2011	milligrams per liter as nitrogen	-0.36	-0.017	-28	-1.3	nd	-0.017	-0.00083	-25	-1.20	nd
01396660	TN	1990	2012	milligrams per liter as nitrogen	-0.37	-0.017	-29	-1.3	nd	-0.018	-8.00E-04	-26	-1.20	nd
01396660	TN	1990	2016	milligrams per liter as nitrogen	-0.39	-0.015	-30	-1.2	nd	-0.018	-0.00069	-26	-1.00	nd
01396660	TN	2000	2007	milligrams per liter as nitrogen	-0.062	-0.0088	-6.1	-0.87	nd	-0.0013	-0.00019	-2.4	-0.35	nd
01396660	TN	2000	2010	milligrams per liter as nitrogen	-0.085	-0.0085	-8.4	-0.84	nd	-0.0018	-0.00018	-3.4	-0.34	nd
01396660	TN	2000	2011	milligrams per liter as nitrogen	-0.091	-0.0083	-9	-0.82	nd	-0.0019	-0.00017	-3.5	-0.32	nd
01396660	TN	2000	2012	milligrams per liter as nitrogen	-0.098	-0.0082	-9.7	-0.81	nd	-0.0021	-0.00017	-3.9	-0.32	nd
01396660	TN	2000	2016	milligrams per liter as nitrogen	-0.12	-0.0074	-12	-0.73	nd	-0.0023	-0.00014	-4.3	-0.27	nd
01396660	TN	2007	2010	milligrams per liter as nitrogen	-0.023	-0.0077	-2.4	-0.81	nd	-0.00052	-0.00017	-1	-0.33	nd
01396660	TN	2007	2011	milligrams per liter as nitrogen	-0.029	-0.0073	-3.1	-0.77	nd	-0.00059	-0.00015	-1.1	-0.29	nd
01396660	TN	2007	2012	milligrams per liter as nitrogen	-0.037	-0.0073	-3.9	-0.77	nd	-0.00078	-0.00016	-1.5	-0.30	nd
01396660	TN	2007	2016	milligrams per liter as nitrogen	-0.057	-0.0063	-6	-0.67	0.16	-0.001	-0.00011	-2	-0.22	0.8
01396660	TN	2010	2011	milligrams per liter as nitrogen	-0.0061	-0.0061	-0.66	-0.66	nd	-7.20E-05	-7.20E-05	-0.14	-0.14	nd
01396660	TN	2010	2012	milligrams per liter as nitrogen	-0.014	-0.0069	-1.5	-0.74	nd	-0.00026	-0.00013	-0.5	-0.25	nd
01396660	TN	2010	2016	milligrams per liter as nitrogen	-0.034	-0.0057	-3.7	-0.61	nd	-0.00049	-8.20E-05	-0.96	-0.16	nd
01396660	TN	2011	2012	milligrams per liter as nitrogen	-0.0076	-0.0076	-0.82	-0.82	nd	-0.00018	-0.00018	-0.36	-0.36	nd
01396660	TN	2011	2016	milligrams per liter as nitrogen	-0.028	-0.0056	-3	-0.61	nd	-0.00042	-8.40E-05	-0.82	-0.16	nd
01396660	TN	2012	2016	milligrams per liter as nitrogen	-0.02	-0.0051	-2.2	-0.56	0.24	-0.00024	-6.00E-05	-0.47	-0.12	0.95
01398000	NO23	1979	1980	milligrams per liter as nitrogen	-0.028	-0.028	-1.5	-1.5	nd	-0.011	-0.011	-3.00	-3	nd
01398000	NO23	1979	1990	milligrams per liter as nitrogen	-0.44	-0.04	-23	-2.1	nd	-0.13	-0.012	-36.00	-3.3	nd
01398000	NO23	1979	2000	milligrams per liter as nitrogen	-0.79	-0.037	-41	-2	nd	-0.2	-0.0094	-54.00	-2.6	nd
01398000	NO23	1979	2007	milligrams per liter as nitrogen	-0.98	-0.035	-51	-1.8	nd	-2.10E-01	-0.0076	-58.00	-2.1	nd
01398000	NO23	1979	2010	milligrams per liter as nitrogen	-0.98	-0.032	-51	-1.7	nd	-0.21	-0.0067	-56.00	-1.8	nd
01398000	NO23	1979	2011	milligrams per liter as nitrogen	-1	-0.031	-52	-1.6	nd	-0.21	-0.0065	-57.00	-1.8	nd
01398000	NO23	1979	2012	milligrams per liter as nitrogen	-1	-0.031	-53	-1.6	nd	-0.21	-0.0064	-58.00	-1.8	nd
01398000	NO23	1979	2016	milligrams per liter as nitrogen	-1.1	-0.029	-56	-1.5	nd	-0.22	-0.006	-61.00	-1.6	nd
01398000	NO23	1980	1990	milligrams per liter as nitrogen	-0.41	-0.041	-22	-2.2	nd	-0.12	-0.012	-34.00	-3.4	nd
01398000	NO23	1980	2000	milligrams per liter as nitrogen	-0.76	-0.038	-40	-2	nd	-0.19	-0.0094	-53.00	-2.6	nd
01398000	NO23	1980	2007	milligrams per liter as nitrogen	-0.95	-0.035	-50	-1.9	nd	-0.2	-0.0075	-57.00	-2.1	nd
01398000	NO23	1980	2010	milligrams per liter as nitrogen	-0.95	-0.032	-51	-1.7	nd	-0.2	-0.0065	-55.00	-1.8	nd
01398000	NO23	1980	2011	milligrams per liter as nitrogen	-0.97	-0.031	-52	-1.7	<0.02	-0.2	-0.0064	-56.00	-1.8	<0.02
01398000	NO23	1980	2012	milligrams per liter as nitrogen	-0.99	-0.031	-52	-1.6	nd	-0.2	-0.0063	-57.00	-1.8	nd
01398000	NO23	1980	2016	milligrams per liter as nitrogen	-1	-0.029	-55	-1.5	<0.02	-0.21	-0.0059	-60.00	-1.7	<0.02
01398000	NO23	1990	2000	milligrams per liter as nitrogen	-0.34	-0.034	-23	-2.3	nd	-0.067	-0.0067	-29.00	-2.9	nd
01398000	NO23	1990	2007	milligrams per liter as nitrogen	-0.54	-0.032	-36	-2.1	nd	-0.082	-0.0048	-35.00	-2.1	nd
01398000	NO23	1990	2010	milligrams per liter as nitrogen	-0.54	-0.027	-37	-1.8	nd	-0.075	-0.0037	-32.00	-1.6	nd
01398000	NO23	1990	2011	milligrams per liter as nitrogen	-0.56	-0.027	-38	-1.8	nd	-0.078	-0.0037	-33.00	-1.6	nd
01398000	NO23	1990	2012	milligrams per liter as nitrogen	-0.58	-0.026	-39	-1.8	nd	-0.082	-0.0037	-35.00	-1.6	nd
01398000	NO23	1990	2016	milligrams per liter as nitrogen	-0.62	-0.024	-42	-1.6	nd	-9.20E-02	-0.0035	-39.00	-1.5	nd
01398000	NO23	2000	2007	milligrams per liter as nitrogen	-0.19	-0.028	-17	-2.4	nd	-1.50E-02	-0.0022	-9.10	-1.3	nd
01398000	NO23	2000	2010	milligrams per liter as nitrogen	-0.2	-0.02	-1.80E+01	-1.8	nd	-8.10E-03	-0.00081	-4.80	-0.48	nd
01398000	NO23	2000	2011	milligrams per liter as nitrogen	-0.22	-0.02	-19	-1.7	nd	-1.10E-02	-0.001	-6.60	-0.6	nd
01398000	NO23	2000	2012	milligrams per liter as nitrogen	-0.23	-0.019	-21	-1.7	nd	-1.50E-02	-0.0012	-8.80	-0.73	nd
01398000	NO23	2000	2016	milligrams per liter as nitrogen	-0.28	-0.018	-2.50E+01	-1.6	nd	-2.50E-02	-0.0015	-15.00	-0.92	nd
01398000	NO23	2007	2010	milligrams per liter as nitrogen	-0.0046	-0.0015	-0.49	-0.16	nd	7.10E-03	0.0024	4.60	1.5	nd
01398000	NO23	2007	2011	milligrams per liter as nitrogen	-0.024	-0.0059	-2.5	-0.63	nd	4.10E-03	0.001	2.70	0.68	nd
01398000	NO23	2007	2012	milligrams per liter as nitrogen	-0.039	-0.0078	-4.2	-0.83	nd	5.00E-04	1.00E-04	0.33	0.066	nd
01398000	NO23	2007	2016	milligrams per liter as nitrogen	-0.088	-0.0098	-9.4	-1	0.65	-9.60E-03	-0.0011	-6.30	-0.7	0.85
01398000	NO23	2010	2011	milligrams per liter as nitrogen	-0.019	-1.90E-02	-2.00E+00	-2	nd	-3.00E-03	-0.003	-1.90	-1.9	nd
01398000	NO23	2010	2012	milligrams per liter as nitrogen	-0.034	-0.017	-3.7	-1.8	nd	-6.60E-03	-0.0033	-4.10	-2.1	nd
01398000	NO23	2010	2016	milligrams per liter as nitrogen	-0.083	-0.014	-8.9	-1.5	nd	-1.70E-02	-0.0028	-10.00	-1.7	nd
01398000	NO23	2011	2012	milligrams per liter as nitrogen	-0.015	-0.015	-1.7	-1.7	nd	-3.60E-03	-0.0036	-2.30	-2.3	nd
01398000	NO23	2011	2016	milligrams per liter as nitrogen	-0.064	-0.013	-7	-1.4	nd	-1.40E-02	-0.0027	-8.80	-1.8	nd
01398000	NO23	2012	2016	milligrams per liter as nitrogen	-0.049	-0.012	-5.5	-1.4	0.45	-1.00E-02	-0.0025	-6.60	-1.6	0.25
01398000	TN	1979	1980	milligrams per liter as nitrogen	-0.12	-0.12	-4	-4	nd	-0.024	-0.024	-4.1	-4.10	nd
01398000	TN	1979	1990	milligrams per liter as nitrogen	-1	-0.093	-33	-3	nd	-0.23	-0.021	-40	-3.60	nd
01398000	TN	1979	2000	milligrams per liter as nitrogen	-1.6	-0.075	-51	-2.4	nd	-0.34	-0.016	-59	-2.80	nd
01398000	TN	1979	2007	milligrams per liter as nitrogen	-1.7	-0.062	-56	-2	nd	-0.37	-0.013	-63	-2.30	nd
01398000	TN	1979	2010	milligrams per liter as nitrogen	-1.8	-0.057	-57	-1.9	nd	-0.37	-0.012	-64	-2.10	nd
01398000	TN	1979	2011	milligrams per liter as nitrogen	-1.8	-0.055	-58	-1.8	nd	-0.37	-0.012	-64	-2.00	nd

01398000	TN	1979	2012	milligrams per liter as nitrogen	-1.8	-0.054	-58	-1.8	nd	-0.37	-0.011	-65	-2.00	nd
01398000	TN	1979	2016	milligrams per liter as nitrogen	-1.8	-0.05	-60	-1.6	nd	-0.39	-0.01	-67	-1.80	nd
01398000	TN	1980	1990	milligrams per liter as nitrogen	-0.89	-0.089	-30	-3	nd	-0.21	-0.021	-37	-3.70	nd
01398000	TN	1980	2000	milligrams per liter as nitrogen	-1.4	-0.072	-49	-2.5	nd	-0.32	-0.016	-57	-2.90	nd
01398000	TN	1980	2007	milligrams per liter as nitrogen	-1.6	-0.059	-55	-2	nd	-0.34	-0.013	-62	-2.30	nd
01398000	TN	1980	2010	milligrams per liter as nitrogen	-1.6	-0.054	-56	-1.9	nd	-0.34	-0.011	-62	-2.10	nd
01398000	TN	1980	2011	milligrams per liter as nitrogen	-1.6	-0.053	-56	-1.8	-0.02	-0.35	-0.011	-63	-2.00	-0.02
01398000	TN	1980	2012	milligrams per liter as nitrogen	-1.7	-0.052	-57	-1.8	nd	-0.35	-0.011	-63	-2.00	nd
01398000	TN	1980	2016	milligrams per liter as nitrogen	-1.7	-0.048	-59	-1.6	-0.02	-0.36	-0.01	-66	-1.80	-0.02
01398000	TN	1990	2000	milligrams per liter as nitrogen	-0.55	-0.055	-27	-2.7	nd	-0.11	-0.011	-32	-3.20	nd
01398000	TN	1990	2007	milligrams per liter as nitrogen	-0.71	-0.042	-35	-2	nd	-0.14	-0.008	-39	-2.30	nd
01398000	TN	1990	2010	milligrams per liter as nitrogen	-0.74	-0.037	-36	-1.8	nd	-0.14	-0.0069	-40	-2.00	nd
01398000	TN	1990	2011	milligrams per liter as nitrogen	-0.75	-0.036	-37	-1.8	nd	-0.14	-0.0067	-40	-1.90	nd
01398000	TN	1990	2012	milligrams per liter as nitrogen	-0.77	-0.035	-38	-1.7	nd	-0.14	-0.0066	-42	-1.90	nd
01398000	TN	1990	2016	milligrams per liter as nitrogen	-0.83	-0.032	-41	-1.6	nd	-0.16	-0.0061	-45	-1.70	nd
01398000	TN	2000	2007	milligrams per liter as nitrogen	-0.16	-0.023	-11	-1.5	nd	-0.025	-0.0035	-11	-1.50	nd
01398000	TN	2000	2010	milligrams per liter as nitrogen	-0.19	-0.019	-13	-1.3	nd	-0.027	-0.0027	-11	-1.10	nd
01398000	TN	2000	2011	milligrams per liter as nitrogen	-0.2	-0.019	-14	-1.2	nd	-0.03	-0.0027	-12	-1.10	nd
01398000	TN	2000	2012	milligrams per liter as nitrogen	-0.22	-0.018	-15	-1.2	nd	-0.033	-0.0028	-14	-1.20	nd
01398000	TN	2000	2016	milligrams per liter as nitrogen	-0.28	-0.017	-19	-1.2	nd	-0.047	-0.0029	-20	-1.20	nd
01398000	TN	2007	2010	milligrams per liter as nitrogen	-0.029	-0.0098	-2.2	-0.73	nd	-0.0017	-0.00056	-0.79	-0.26	nd
01398000	TN	2007	2011	milligrams per liter as nitrogen	-0.044	-0.011	-3.3	-0.83	nd	-0.0047	-0.0012	-2.2	-0.55	nd
01398000	TN	2007	2012	milligrams per liter as nitrogen	-0.061	-0.012	-4.6	-0.91	nd	-0.0085	-0.0017	-4	-0.80	nd
01398000	TN	2007	2016	milligrams per liter as nitrogen	-0.12	-0.013	-8.9	-0.99	0.12	-0.022	-0.0024	-10	-1.10	0.1
01398000	TN	2010	2011	milligrams per liter as nitrogen	-0.015	-0.015	-1.2	-1.2	nd	-0.003	-0.003	-1.4	-1.40	nd
01398000	TN	2010	2012	milligrams per liter as nitrogen	-0.032	-0.016	-2.4	-1.2	nd	-0.0068	-0.0034	-3.3	-1.60	nd
01398000	TN	2010	2016	milligrams per liter as nitrogen	-0.089	-0.015	-6.9	-1.1	nd	-0.02	-0.0034	-9.6	-1.60	nd
01398000	TN	2011	2012	milligrams per liter as nitrogen	-0.016	-0.016	-1.3	-1.3	nd	-0.0038	-0.0038	-1.8	-1.80	nd
01398000	TN	2011	2016	milligrams per liter as nitrogen	-0.074	-0.015	-5.8	-1.2	nd	-0.017	-0.0034	-8.3	-1.70	nd
01398000	TN	2012	2016	milligrams per liter as nitrogen	-0.058	-0.014	-4.5	-1.1	0.067	-0.013	-0.0033	-6.6	-1.60	0.037
01398000	TP	1981	1990	milligrams per liter as phosphorous	-0.078	-0.0086	-47	-5.3	nd	-0.02	-0.0022	-44	-4.90	nd
01398000	TP	1981	2000	milligrams per liter as phosphorous	-0.099	-0.0052	-60	-3.2	nd	-0.028	-0.0014	-62	-3.20	nd
01398000	TP	1981	2007	milligrams per liter as phosphorous	-0.094	-0.0036	-57	-2.2	nd	-0.027	-0.001	-61	-2.30	nd
01398000	TP	1981	2010	milligrams per liter as phosphorous	-0.092	-0.0032	-56	-1.9	nd	-0.028	-0.00095	-62	-2.10	nd
01398000	TP	1981	2011	milligrams per liter as phosphorous	-0.091	-0.003	-55	-1.8	0.035	-0.028	-0.00092	-62	-2.10	0.15
01398000	TP	1981	2012	milligrams per liter as phosphorous	-0.089	-0.0029	-54	-1.8	nd	-0.028	-9.00E-04	-62	-2.00	nd
01398000	TP	1981	2016	milligrams per liter as phosphorous	-0.083	-0.0024	-51	-1.5	0.061	-0.028	-8.00E-04	-62	-1.80	0.17
01398000	TP	1990	2000	milligrams per liter as phosphorous	-0.021	-0.0021	-24	-2.4	nd	-0.0077	-0.00077	-31	-3.10	nd
01398000	TP	1990	2007	milligrams per liter as phosphorous	-0.016	-0.00095	-19	-1.1	nd	-0.0074	-0.00043	-30	-1.80	nd
01398000	TP	1990	2010	milligrams per liter as phosphorous	-0.014	-7.00E-04	-16	-0.82	nd	-0.0078	-0.00039	-32	-1.60	nd
01398000	TP	1990	2011	milligrams per liter as phosphorous	-0.013	-0.00062	-15	-0.72	nd	-0.0077	-0.00037	-31	-1.50	nd
01398000	TP	1990	2012	milligrams per liter as phosphorous	-0.011	-0.00051	-13	-0.6	nd	-0.0079	-0.00036	-32	-1.50	nd
01398000	TP	1990	2016	milligrams per liter as phosphorous	-0.0054	-0.00021	-6.3	-0.24	nd	-0.008	-0.00031	-32	-1.20	nd
01398000	TP	2000	2007	milligrams per liter as phosphorous	0.0046	0.00066	7	1	nd	3.00E-04	4.20E-05	1.7	0.25	nd
01398000	TP	2000	2010	milligrams per liter as phosphorous	0.0068	0.00068	10	1	nd	-0.00015	-1.50E-05	-0.89	-0.09	nd
01398000	TP	2000	2011	milligrams per liter as phosphorous	0.0078	0.00071	12	1.1	nd	-5.90E-07	-5.40E-08	-0.0035	0.00	nd
01398000	TP	2000	2012	milligrams per liter as phosphorous	0.0095	0.00079	15	1.2	nd	-0.00025	-2.10E-05	-1.5	-0.12	nd
01398000	TP	2000	2016	milligrams per liter as phosphorous	0.015	0.00096	24	1.5	nd	-0.00035	-2.20E-05	-2	-0.13	nd
01398000	TP	2007	2010	milligrams per liter as phosphorous	0.0022	0.00072	3.1	1	nd	-0.00045	-0.00015	-2.6	-0.86	nd
01398000	TP	2007	2011	milligrams per liter as phosphorous	0.0032	8.00E-04	4.6	1.2	nd	-3.00E-04	-7.40E-05	-1.7	-0.43	nd
01398000	TP	2007	2012	milligrams per liter as phosphorous	0.0049	0.00098	7	1.4	nd	-0.00055	-0.00011	-3.2	-0.63	nd
01398000	TP	2007	2016	milligrams per liter as phosphorous	0.011	0.0012	15	1.7	0.18	-0.00064	-7.10E-05	-3.7	-0.41	0.68
01398000	TP	2010	2011	milligrams per liter as phosphorous	0.001	0.001	1.5	1.5	nd	0.00015	0.00015	0.9	0.90	nd
01398000	TP	2010	2012	milligrams per liter as phosphorous	0.0027	0.0014	3.8	1.9	nd	-1.00E-04	-5.00E-05	-0.6	-0.30	nd
01398000	TP	2010	2016	milligrams per liter as phosphorous	0.0086	0.0014	12	2	nd	-0.00019	-3.20E-05	-1.1	-0.19	nd
01398000	TP	2011	2012	milligrams per liter as phosphorous	0.0017	0.0017	2.3	2.3	nd	-0.00025	-0.00025	-1.5	-1.50	nd
01398000	TP	2011	2016	milligrams per liter as phosphorous	0.0075	0.0015	10	2.1	nd	-0.00034	-6.90E-05	-2	-0.40	nd
01398000	TP	2012	2016	milligrams per liter as phosphorous	0.0059	0.0015	7.9	2	0.13	-9.20E-05	-2.30E-05	-0.55	-0.14	0.83
01408500	NO23	1971	1980	milligrams per liter as nitrogen	-0.085	-0.0095	-18	-2	nd	-0.03	0.00	-14	-1.6	nd
01408500	NO23	1971	1990	milligrams per liter as nitrogen	-0.021	-0.0011	-4.5	-0.24	nd	-0.013	-0.00066	-5.9	-0.31	nd
01408500	NO23	1971	2000	milligrams per liter as nitrogen	0.1	0.0035	22	0.76	nd	0.038	0.0013	18	0.61	nd
01408500	NO23	1971	2007	milligrams per liter as nitrogen	0.16	0.0044	34	0.95	nd	0.071	0.002	33	0.92	nd
01408500	NO23	1971	2010	milligrams per liter as nitrogen	0.17	0.0044	37	0.95	nd	0.079	0.002	37	0.95	nd
01408500	NO23	1971	2011	milligrams per liter as nitrogen	0.18	0.0044	38	0.95	nd	0.082	0.002	38	0.95	nd
01408500	NO23	1971	2012	milligrams per liter as nitrogen	0.18	0.0044	39	0.94	nd	0.084	0.002	39	0.96	nd

01408500	NO23	1971	2016	milligrams per liter as nitrogen	0.19	0.0043	42	0.92	nd	0.093	0.0021	43	0.96	nd
01408500	NO23	1980	1990	milligrams per liter as nitrogen	0.064	0.0064	17	1.7	nd	0.018	0.0018	9.6	0.96	nd
01408500	NO23	1980	2000	milligrams per liter as nitrogen	0.19	0.0094	50	2.5	nd	0.068	0.0034	37	1.90	nd
01408500	NO23	1980	2007	milligrams per liter as nitrogen	0.24	0.009	65	2.4	nd	0.1	0.0037	55	2.00	nd
01408500	NO23	1980	2010	milligrams per liter as nitrogen	0.26	0.0086	68	2.3	nd	0.11	0.0037	60	2.00	nd
01408500	NO23	1980	2011	milligrams per liter as nitrogen	0.26	0.0084	69	2.2	<0.02	0.11	0.0036	61	2.00	<0.02
01408500	NO23	1980	2012	milligrams per liter as nitrogen	0.26	0.0083	70	2.2	nd	0.11	0.0036	62	1.90	nd
01408500	NO23	1980	2016	milligrams per liter as nitrogen	0.28	0.0077	74	2	<0.02	0.12	0.0034	67	1.90	<0.02
01408500	NO23	1990	2000	milligrams per liter as nitrogen	0.12	0.012	28	2.8	nd	0.051	0.0051	25	2.50	nd
01408500	NO23	1990	2007	milligrams per liter as nitrogen	0.18	0.011	41	2.4	nd	0.083	0.0049	41	2.40	nd
01408500	NO23	1990	2010	milligrams per liter as nitrogen	0.19	0.0096	44	2.2	nd	0.092	0.0046	46	2.30	nd
01408500	NO23	1990	2011	milligrams per liter as nitrogen	0.2	0.0094	44	2.1	nd	0.094	0.0045	47	2.20	nd
01408500	NO23	1990	2012	milligrams per liter as nitrogen	0.2	0.0091	45	2.1	nd	0.096	0.0044	48	2.20	nd
01408500	NO23	1990	2016	milligrams per liter as nitrogen	0.21	0.0082	48	1.9	nd	0.11	0.004	52	2.00	nd
01408500	NO23	2000	2007	milligrams per liter as nitrogen	0.056	0.008	9.9	1.4	nd	0.033	0.0047	13	1.80	nd
01408500	NO23	2000	2010	milligrams per liter as nitrogen	0.069	0.0069	12	1.2	nd	0.041	0.0041	16	1.60	nd
01408500	NO23	2000	2011	milligrams per liter as nitrogen	0.073	0.0067	13	1.2	nd	0.044	0.004	17	1.60	nd
01408500	NO23	2000	2012	milligrams per liter as nitrogen	0.077	0.0064	14	1.1	nd	0.046	0.0038	18	1.50	nd
01408500	NO23	2000	2016	milligrams per liter as nitrogen	0.09	0.0056	16	0.99	nd	0.055	0.0034	22	1.40	nd
01408500	NO23	2007	2010	milligrams per liter as nitrogen	0.013	0.0043	2.1	0.7	nd	0.0087	0.0029	3.1	1.00	nd
01408500	NO23	2007	2011	milligrams per liter as nitrogen	0.017	0.0043	2.8	0.69	nd	0.011	0.0028	3.9	0.98	nd
01408500	NO23	2007	2012	milligrams per liter as nitrogen	0.02	0.0041	3.3	0.66	nd	0.013	0.0027	4.7	0.94	nd
01408500	NO23	2007	2016	milligrams per liter as nitrogen	0.034	0.0038	5.4	0.61	0.24	0.022	0.0024	7.7	0.86	0.15
01408500	NO23	2010	2011	milligrams per liter as nitrogen	0.0042	0.0042	0.66	0.66	nd	0.0024	0.0024	0.83	0.83	nd
01408500	NO23	2010	2012	milligrams per liter as nitrogen	0.0074	0.0037	1.2	0.58	nd	0.0046	0.0023	1.6	0.79	nd
01408500	NO23	2010	2016	milligrams per liter as nitrogen	0.021	0.0035	3.3	0.55	nd	0.013	0.0022	4.5	0.75	nd
01408500	NO23	2011	2012	milligrams per liter as nitrogen	0.0032	0.0032	0.51	0.51	nd	0.0022	0.0022	0.74	0.74	nd
01408500	NO23	2011	2016	milligrams per liter as nitrogen	0.017	0.0033	2.6	0.52	nd	0.011	0.0022	3.7	0.73	nd
01408500	NO23	2012	2016	milligrams per liter as nitrogen	0.013	0.0034	2.1	0.52	0.4	0.0086	0.0022	2.9	0.72	0.17
01408500	TN	1972	1980	milligrams per liter as nitrogen	0.016	0.002	2.1	0.26	nd	0.025	0.0031	6.2	0.78	nd
01408500	TN	1972	1990	milligrams per liter as nitrogen	0.17	0.0092	21	1.2	nd	0.077	0.0043	19	1.10	nd
01408500	TN	1972	2000	milligrams per liter as nitrogen	0.29	0.01	37	1.3	nd	0.14	0.0049	35	1.20	nd
01408500	TN	1972	2007	milligrams per liter as nitrogen	0.36	0.01	47	1.3	nd	0.18	0.0053	46	1.30	nd
01408500	TN	1972	2010	milligrams per liter as nitrogen	0.35	0.0092	45	1.2	nd	0.18	0.0048	45	1.20	nd
01408500	TN	1972	2011	milligrams per liter as nitrogen	0.35	0.0089	45	1.1	nd	0.18	0.0046	45	1.10	nd
01408500	TN	1972	2012	milligrams per liter as nitrogen	0.34	0.0084	43	1.1	nd	0.18	0.0044	44	1.10	nd
01408500	TN	1972	2016	milligrams per liter as nitrogen	0.32	0.0072	41	0.93	nd	0.17	0.0038	42	0.95	nd
01408500	TN	1980	1990	milligrams per liter as nitrogen	0.15	0.015	19	1.9	nd	0.052	0.0052	12	1.20	nd
01408500	TN	1980	2000	milligrams per liter as nitrogen	0.27	0.014	35	1.7	nd	0.11	0.0056	27	1.30	nd
01408500	TN	1980	2007	milligrams per liter as nitrogen	0.35	0.013	44	1.6	nd	0.16	0.0059	38	1.40	nd
01408500	TN	1980	2010	milligrams per liter as nitrogen	0.34	0.011	42	1.4	nd	0.16	0.0052	37	1.20	nd
01408500	TN	1980	2011	milligrams per liter as nitrogen	0.33	0.011	42	1.3	<0.02	0.15	0.005	36	1.20	<0.02
01408500	TN	1980	2012	milligrams per liter as nitrogen	0.32	0.01	41	1.3	nd	0.15	0.0047	36	1.10	nd
01408500	TN	1980	2016	milligrams per liter as nitrogen	0.3	0.0083	38	1.1	<0.02	0.14	0.0039	33	0.93	<0.02
01408500	TN	1990	2000	milligrams per liter as nitrogen	0.13	0.013	13	1.3	nd	0.061	0.0061	13	1.30	nd
01408500	TN	1990	2007	milligrams per liter as nitrogen	0.2	0.012	21	1.2	nd	0.11	0.0063	23	1.30	nd
01408500	TN	1990	2010	milligrams per liter as nitrogen	0.19	0.0093	20	0.99	nd	0.1	0.0052	22	1.10	nd
01408500	TN	1990	2011	milligrams per liter as nitrogen	0.18	0.0086	19	0.91	nd	0.1	0.0048	21	1.00	nd
01408500	TN	1990	2012	milligrams per liter as nitrogen	0.17	0.0078	18	0.83	nd	0.098	0.0045	21	0.94	nd
01408500	TN	1990	2016	milligrams per liter as nitrogen	0.15	0.0058	16	0.62	nd	0.089	0.0034	19	0.72	nd
01408500	TN	2000	2007	milligrams per liter as nitrogen	0.074	0.011	6.9	0.99	nd	0.046	0.0066	8.6	1.20	nd
01408500	TN	2000	2010	milligrams per liter as nitrogen	0.061	0.0061	5.7	0.57	nd	0.043	0.0043	8	0.80	nd
01408500	TN	2000	2011	milligrams per liter as nitrogen	0.055	0.005	5.2	0.47	nd	0.041	0.0037	7.6	0.69	nd
01408500	TN	2000	2012	milligrams per liter as nitrogen	0.046	0.0039	4.4	0.36	nd	0.037	0.0031	7	0.58	nd
01408500	TN	2000	2016	milligrams per liter as nitrogen	0.025	0.0016	2.4	0.15	nd	0.028	0.0017	5.2	0.33	nd
01408500	TN	2007	2010	milligrams per liter as nitrogen	-0.013	-0.0043	-1.1	-0.38	nd	-0.0031	-0.001	-0.53	-0.18	nd
01408500	TN	2007	2011	milligrams per liter as nitrogen	-0.019	-0.0046	-1.6	-0.41	nd	-0.0056	-0.0014	-0.96	-0.24	nd
01408500	TN	2007	2012	milligrams per liter as nitrogen	-0.027	-0.0054	-2.4	-0.48	nd	-0.0087	-0.0017	-1.5	-0.30	nd
01408500	TN	2007	2016	milligrams per liter as nitrogen	-0.048	-0.0053	-4.2	-0.47	0.49	-0.018	-0.002	-3.1	-0.35	0.64
01408500	TN	2010	2011	milligrams per liter as nitrogen	-0.0057	-0.0057	-0.51	-0.51	nd	-0.0025	-0.0025	-0.43	-0.43	nd
01408500	TN	2010	2012	milligrams per liter as nitrogen	-0.014	-0.0071	-1.3	-0.63	nd	-0.0056	-0.0028	-0.97	-0.48	nd
01408500	TN	2010	2016	milligrams per liter as nitrogen	-0.035	-0.0059	-3.1	-0.52	nd	-0.015	-0.0025	-2.6	-0.43	nd
01408500	TN	2011	2012	milligrams per liter as nitrogen	-0.0086	-0.0086	-0.76	-0.76	nd	-0.0031	-0.0031	-0.54	-0.54	nd
01408500	TN	2011	2016	milligrams per liter as nitrogen	-0.029	-0.0059	-2.6	-0.53	nd	-0.013	-0.0025	-2.2	-0.44	nd
01408500	TN	2012	2016	milligrams per liter as nitrogen	-0.021	-0.0052	-1.9	-0.47	0.58	-0.0095	-0.0024	-1.7	-0.41	0.62

01408500	TP	1972	1980	milligrams per liter as phosphorous	-0.022	-0.0027	-37	-4.6	nd	-0.0089	-0.0011	-32	-4.00	nd
01408500	TP	1972	1990	milligrams per liter as phosphorous	-0.03	-0.0017	-52	-2.9	nd	-0.013	-0.00071	-46	-2.50	nd
01408500	TP	1972	2000	milligrams per liter as phosphorous	-0.036	-0.0013	-61	-2.2	nd	-0.016	-0.00058	-58	-2.10	nd
01408500	TP	1972	2007	milligrams per liter as phosphorous	-0.037	-0.0011	-63	-1.8	nd	-0.016	-0.00046	-58	-1.60	nd
01408500	TP	1972	2010	milligrams per liter as phosphorous	-0.036	-0.00094	-61	-1.6	nd	-0.015	-4.00E-04	-55	-1.40	nd
01408500	TP	1972	2011	milligrams per liter as phosphorous	-0.035	-0.00091	-60	-1.5	nd	-0.015	-0.00039	-54	-1.40	nd
01408500	TP	1972	2012	milligrams per liter as phosphorous	-0.035	-0.00087	-60	-1.5	nd	-0.015	-0.00037	-53	-1.30	nd
01408500	TP	1972	2016	milligrams per liter as phosphorous	-0.033	-0.00075	-57	-1.3	nd	-0.014	-0.00031	-49	-1.10	nd
01408500	TP	1980	1990	milligrams per liter as phosphorous	-0.0088	-0.00088	-24	-2.4	nd	-0.0038	-0.00038	-20	-2.00	nd
01408500	TP	1980	2000	milligrams per liter as phosphorous	-0.014	-0.00071	-38	-1.9	nd	-0.0072	-0.00036	-38	-1.90	nd
01408500	TP	1980	2007	milligrams per liter as phosphorous	-0.015	-0.00057	-41	-1.5	nd	-0.0071	-0.00026	-37	-1.40	nd
01408500	TP	1980	2010	milligrams per liter as phosphorous	-0.014	-0.00047	-38	-1.3	nd	-0.0063	-0.00021	-33	-1.10	nd
01408500	TP	1980	2011	milligrams per liter as phosphorous	-0.014	-0.00045	-37	-1.2	<0.02	-0.0061	-2.00E-04	-32	-1.00	<0.02
01408500	TP	1980	2012	milligrams per liter as phosphorous	-0.013	-0.00042	-36	-1.1	nd	-0.0058	-0.00018	-31	-0.96	nd
01408500	TP	1980	2016	milligrams per liter as phosphorous	-0.012	-0.00032	-31	-0.87	<0.02	-0.0047	-0.00013	-25	-0.68	0.064
01408500	TP	1990	2000	milligrams per liter as phosphorous	-0.0054	-0.00054	-19	-1.9	nd	-0.0034	-0.00034	-23	-2.30	nd
01408500	TP	1990	2007	milligrams per liter as phosphorous	-0.0064	-0.00038	-23	-1.3	nd	-0.0033	-0.00019	-22	-1.30	nd
01408500	TP	1990	2010	milligrams per liter as phosphorous	-0.0054	-0.00027	-19	-0.95	nd	-0.0025	-0.00013	-17	-0.84	nd
01408500	TP	1990	2011	milligrams per liter as phosphorous	-0.005	-0.00024	-18	-0.85	nd	-0.0023	-0.00011	-15	-0.72	nd
01408500	TP	1990	2012	milligrams per liter as phosphorous	-0.0046	-0.00021	-16	-0.74	nd	-0.002	-9.20E-05	-13	-0.61	nd
01408500	TP	1990	2016	milligrams per liter as phosphorous	-0.0028	-0.00011	-9.9	-0.38	nd	-0.00086	-3.30E-05	-5.7	-0.22	nd
01408500	TP	2000	2007	milligrams per liter as phosphorous	-0.001	-0.00015	-4.5	-0.64	nd	0.00013	1.90E-05	1.1	0.16	nd
01408500	TP	2000	2010	milligrams per liter as phosphorous	3.30E-05	3.30E-06	0.14	0.014	nd	0.00089	8.90E-05	7.6	0.76	nd
01408500	TP	2000	2011	milligrams per liter as phosphorous	4.00E-04	3.60E-05	1.7	0.16	nd	0.0011	1.00E-04	9.6	0.87	nd
01408500	TP	2000	2012	milligrams per liter as phosphorous	0.00082	6.80E-05	3.6	0.3	nd	0.0014	0.00012	12	1.00	nd
01408500	TP	2000	2016	milligrams per liter as phosphorous	0.0026	0.00016	11	0.71	nd	0.0026	0.00016	22	1.40	nd
01408500	TP	2007	2010	milligrams per liter as phosphorous	0.0011	0.00035	4.8	1.6	nd	0.00076	0.00025	6.4	2.10	nd
01408500	TP	2007	2011	milligrams per liter as phosphorous	0.0014	0.00035	6.5	1.6	nd	0.00099	0.00025	8.4	2.10	nd
01408500	TP	2007	2012	milligrams per liter as phosphorous	0.0018	0.00037	8.4	1.7	nd	0.0013	0.00026	11	2.20	nd
01408500	TP	2007	2016	milligrams per liter as phosphorous	0.0036	4.00E-04	17	1.8	0.13	0.0024	0.00027	21	2.30	0.1
01408500	TP	2010	2011	milligrams per liter as phosphorous	0.00037	0.00037	1.6	1.6	nd	0.00024	0.00024	1.9	1.90	nd
01408500	TP	2010	2012	milligrams per liter as phosphorous	0.00079	0.00039	3.4	1.7	nd	0.00052	0.00026	4.1	2.10	nd
01408500	TP	2010	2016	milligrams per liter as phosphorous	0.0026	0.00043	11	1.9	nd	0.0017	0.00028	13	2.20	nd
01408500	TP	2011	2012	milligrams per liter as phosphorous	0.00042	0.00042	1.8	1.8	nd	0.00028	0.00028	2.2	2.20	nd
01408500	TP	2011	2016	milligrams per liter as phosphorous	0.0022	0.00044	9.5	1.9	nd	0.0014	0.00029	11	2.20	nd
01408500	TP	2012	2016	milligrams per liter as phosphorous	0.0018	0.00045	7.6	1.9	0.2	0.0012	0.00029	8.8	2.20	0.26
01411500	NO23	1971	1980	milligrams per liter as nitrogen	-0.089	-0.0099	-6	-0.67	nd	-0.042	-0.0047	-6.9	-0.77	nd
01411500	NO23	1971	1990	milligrams per liter as nitrogen	-0.039	-0.002	-2.6	-0.14	nd	-0.029	-0.0015	-4.7	-0.25	nd
01411500	NO23	1971	2000	milligrams per liter as nitrogen	-0.034	-0.0012	-2.3	-0.078	nd	-0.014	-0.00049	-2.3	-0.08	nd
01411500	NO23	1971	2007	milligrams per liter as nitrogen	0.064	0.0018	4.3	0.12	nd	0.0094	0.00026	1.5	0.04	nd
01411500	NO23	1971	2010	milligrams per liter as nitrogen	0.11	0.0028	7.2	0.19	nd	0.024	0.00062	4	0.10	nd
01411500	NO23	1971	2011	milligrams per liter as nitrogen	0.12	0.003	8.1	0.2	nd	0.029	0.00073	4.8	0.12	nd
01411500	NO23	1971	2012	milligrams per liter as nitrogen	0.13	0.0032	8.9	0.22	nd	0.034	0.00084	5.6	0.14	nd
01411500	NO23	1971	2016	milligrams per liter as nitrogen	0.19	0.0042	13	0.28	nd	0.055	0.0012	8.9	0.20	nd
01411500	NO23	1980	1990	milligrams per liter as nitrogen	0.05	0.005	3.6	0.36	nd	0.013	0.0013	2.4	0.24	nd
01411500	NO23	1980	2000	milligrams per liter as nitrogen	0.055	0.0028	4	0.2	nd	0.028	0.0014	4.9	0.25	nd
01411500	NO23	1980	2007	milligrams per liter as nitrogen	0.15	0.0057	11	0.41	nd	0.052	0.0019	9.1	0.34	nd
01411500	NO23	1980	2010	milligrams per liter as nitrogen	0.2	0.0065	14	0.47	nd	0.067	0.0022	12	0.39	nd
01411500	NO23	1980	2011	milligrams per liter as nitrogen	0.21	0.0068	15	0.49	<0.02	0.071	0.0023	13	0.40	<0.02
01411500	NO23	1980	2012	milligrams per liter as nitrogen	0.22	0.0069	16	0.5	nd	0.077	0.0024	13	0.42	nd
01411500	NO23	1980	2016	milligrams per liter as nitrogen	0.28	0.0077	20	0.55	<0.02	0.097	0.0027	17	0.47	<0.02
01411500	NO23	1990	2000	milligrams per liter as nitrogen	0.0053	0.00053	0.36	0.036	nd	0.015	0.0015	2.5	0.25	nd
01411500	NO23	1990	2007	milligrams per liter as nitrogen	0.1	0.0061	7.1	0.42	nd	0.038	0.0022	6.6	0.39	nd
01411500	NO23	1990	2010	milligrams per liter as nitrogen	0.15	0.0073	10	0.51	nd	0.053	0.0027	9.1	0.46	nd
01411500	NO23	1990	2011	milligrams per liter as nitrogen	0.16	0.0076	11	0.53	nd	0.058	0.0028	9.9	0.47	nd
01411500	NO23	1990	2012	milligrams per liter as nitrogen	0.17	0.0078	12	0.54	nd	0.063	0.0029	11	0.49	nd
01411500	NO23	1990	2016	milligrams per liter as nitrogen	0.23	0.0087	16	0.6	nd	0.083	0.0032	14	0.55	nd
01411500	NO23	2000	2007	milligrams per liter as nitrogen	0.098	0.014	6.7	0.96	nd	0.024	0.0034	4	0.56	nd
01411500	NO23	2000	2010	milligrams per liter as nitrogen	0.14	0.014	9.7	0.97	nd	0.039	0.0039	6.4	0.64	nd
01411500	NO23	2000	2011	milligrams per liter as nitrogen	0.15	0.014	11	0.97	nd	0.043	0.0039	7.3	0.66	nd
01411500	NO23	2000	2012	milligrams per liter as nitrogen	0.17	0.014	11	0.95	nd	0.049	0.004	8.1	0.68	nd
01411500	NO23	2000	2016	milligrams per liter as nitrogen	0.22	0.014	15	0.95	nd	0.069	0.0043	12	0.72	nd
01411500	NO23	2007	2010	milligrams per liter as nitrogen	0.043	0.014	2.8	0.93	nd	0.015	0.005	2.4	0.80	nd
01411500	NO23	2007	2011	milligrams per liter as nitrogen	0.057	0.014	3.7	0.92	nd	0.02	0.0049	3.2	0.79	nd
01411500	NO23	2007	2012	milligrams per liter as nitrogen	0.068	0.014	4.4	0.88	nd	0.025	0.005	4	0.80	nd

01411500	NO23	2007	2016	milligrams per liter as nitrogen	0.12	0.014	7.9	0.88	0.06	0.045	0.005	7.3	0.81	0.054
01411500	NO23	2010	2011	milligrams per liter as nitrogen	0.013	0.013	0.84	0.84	nd	0.0048	0.0048	0.76	0.76	nd
01411500	NO23	2010	2012	milligrams per liter as nitrogen	0.025	0.012	1.6	0.78	nd	0.01	0.005	1.6	0.79	nd
01411500	NO23	2010	2016	milligrams per liter as nitrogen	0.08	0.013	5	0.83	nd	0.03	0.005	4.8	0.79	nd
01411500	NO23	2011	2012	milligrams per liter as nitrogen	0.011	0.011	0.71	0.71	nd	0.0052	0.0052	0.81	0.81	nd
01411500	NO23	2011	2016	milligrams per liter as nitrogen	0.066	0.013	4.1	0.83	nd	0.025	0.0051	4	0.80	nd
01411500	NO23	2012	2016	milligrams per liter as nitrogen	0.055	0.014	3.4	0.85	0.15	0.02	0.0051	3.1	0.78	0.17
01411500	TN	1973	1980	milligrams per liter as nitrogen	0.00093	0.00013	0.048	0.0068	nd	-0.0018	-0.00026	-0.22	-0.03	nd
01411500	TN	1973	1990	milligrams per liter as nitrogen	-0.082	-0.0048	-4.2	-0.25	nd	-0.026	-0.0015	-3.1	-0.18	nd
01411500	TN	1973	2000	milligrams per liter as nitrogen	-0.079	-0.0029	-4.1	-0.15	nd	-0.018	-0.00066	-2.2	-0.08	nd
01411500	TN	1973	2007	milligrams per liter as nitrogen	0.066	0.002	3.4	0.1	nd	0.032	0.00093	3.9	0.11	nd
01411500	TN	1973	2010	milligrams per liter as nitrogen	0.11	0.003	5.6	0.15	nd	0.05	0.0013	6	0.16	nd
01411500	TN	1973	2011	milligrams per liter as nitrogen	0.12	0.0032	6.3	0.17	nd	0.055	0.0014	6.7	0.18	nd
01411500	TN	1973	2012	milligrams per liter as nitrogen	0.14	0.0035	7	0.18	nd	0.061	0.0016	7.5	0.19	nd
01411500	TN	1973	2016	milligrams per liter as nitrogen	0.18	0.0042	9.3	0.22	nd	0.079	0.0018	9.6	0.22	nd
01411500	TN	1980	1990	milligrams per liter as nitrogen	-0.083	-0.0083	-4.2	-0.42	nd	-0.024	-0.0024	-2.9	-0.29	nd
01411500	TN	1980	2000	milligrams per liter as nitrogen	-0.08	-0.004	-4.1	-0.21	nd	-0.016	-8.00E-04	-2	-0.10	nd
01411500	TN	1980	2007	milligrams per liter as nitrogen	0.065	0.0024	3.4	0.12	nd	0.033	0.0012	4.1	0.15	nd
01411500	TN	1980	2010	milligrams per liter as nitrogen	0.11	0.0036	5.6	0.19	nd	0.051	0.0017	6.3	0.21	nd
01411500	TN	1980	2011	milligrams per liter as nitrogen	0.12	0.0039	6.3	0.2	0.38	0.057	0.0018	6.9	0.22	0.28
01411500	TN	1980	2012	milligrams per liter as nitrogen	0.14	0.0042	6.9	0.22	nd	0.063	0.002	7.7	0.24	nd
01411500	TN	1980	2016	milligrams per liter as nitrogen	0.18	0.005	9.2	0.26	0.21	0.081	0.0022	9.9	0.27	0.18
01411500	TN	1990	2000	milligrams per liter as nitrogen	0.0026	0.00026	0.14	0.014	nd	0.0078	0.00078	0.98	0.10	nd
01411500	TN	1990	2007	milligrams per liter as nitrogen	0.15	0.0087	7.9	0.47	nd	0.057	0.0034	7.2	0.42	nd
01411500	TN	1990	2010	milligrams per liter as nitrogen	0.19	0.0096	10	0.51	nd	0.075	0.0038	9.5	0.47	nd
01411500	TN	1990	2011	milligrams per liter as nitrogen	0.2	0.0098	11	0.52	nd	0.081	0.0038	10	0.48	nd
01411500	TN	1990	2012	milligrams per liter as nitrogen	0.22	0.0099	12	0.53	nd	0.087	0.004	11	0.50	nd
01411500	TN	1990	2016	milligrams per liter as nitrogen	0.26	0.01	14	0.54	nd	0.1	0.004	13	0.51	nd
01411500	TN	2000	2007	milligrams per liter as nitrogen	0.15	0.021	7.8	1.1	nd	0.049	0.0071	6.2	0.88	nd
01411500	TN	2000	2010	milligrams per liter as nitrogen	0.19	0.019	10	1	nd	0.067	0.0067	8.4	0.84	nd
01411500	TN	2000	2011	milligrams per liter as nitrogen	0.2	0.018	11	0.99	nd	0.073	0.0066	9	0.82	nd
01411500	TN	2000	2012	milligrams per liter as nitrogen	0.22	0.018	12	0.96	nd	0.079	0.0066	9.8	0.82	nd
01411500	TN	2000	2016	milligrams per liter as nitrogen	0.26	0.016	14	0.87	nd	0.097	0.0061	12	0.75	nd
01411500	TN	2007	2010	milligrams per liter as nitrogen	0.043	0.014	2.2	0.72	nd	0.018	0.006	2.1	0.70	nd
01411500	TN	2007	2011	milligrams per liter as nitrogen	0.057	0.014	2.8	0.71	nd	0.023	0.0058	2.7	0.68	nd
01411500	TN	2007	2012	milligrams per liter as nitrogen	0.07	0.014	3.5	0.69	nd	0.03	0.0059	3.5	0.69	nd
01411500	TN	2007	2016	milligrams per liter as nitrogen	0.11	0.013	5.7	0.63	0.15	0.048	0.0053	5.6	0.62	0.12
01411500	TN	2010	2011	milligrams per liter as nitrogen	0.013	0.013	0.66	0.66	nd	0.0053	0.0053	0.61	0.61	nd
01411500	TN	2010	2012	milligrams per liter as nitrogen	0.026	0.013	1.3	0.64	nd	0.012	0.0058	1.3	0.67	nd
01411500	TN	2010	2016	milligrams per liter as nitrogen	0.071	0.012	3.4	0.57	nd	0.03	0.0049	3.4	0.57	nd
01411500	TN	2011	2012	milligrams per liter as nitrogen	0.013	0.013	0.62	0.62	nd	0.0063	0.0063	0.72	0.72	nd
01411500	TN	2011	2016	milligrams per liter as nitrogen	0.057	0.011	2.8	0.55	nd	0.024	0.0048	2.8	0.55	nd
01411500	TN	2012	2016	milligrams per liter as nitrogen	0.044	0.011	2.1	0.53	0.28	0.018	0.0045	2	0.51	0.29
01411500	TP	1973	1980	milligrams per liter as phosphorous	-0.056	-0.008	-57	-8.1	nd	-0.023	-0.0033	-55	-7.80	nd
01411500	TP	1973	1990	milligrams per liter as phosphorous	-0.079	-0.0046	-80	-4.7	nd	-0.032	-0.0019	-78	-4.60	nd
01411500	TP	1973	2000	milligrams per liter as phosphorous	-0.077	-0.0028	-78	-2.9	nd	-0.031	-0.0011	-74	-2.70	nd
01411500	TP	1973	2007	milligrams per liter as phosphorous	-0.077	-0.0023	-78	-2.3	nd	-0.03	-0.00089	-73	-2.10	nd
01411500	TP	1973	2010	milligrams per liter as phosphorous	-0.075	-0.002	-75	-2	nd	-0.029	-0.00079	-70	-1.90	nd
01411500	TP	1973	2011	milligrams per liter as phosphorous	-0.074	-0.0019	-75	-2	nd	-0.029	-0.00076	-69	-1.80	nd
01411500	TP	1973	2012	milligrams per liter as phosphorous	-0.073	-0.0019	-74	-1.9	nd	-0.028	-0.00073	-68	-1.70	nd
01411500	TP	1973	2016	milligrams per liter as phosphorous	-0.068	-0.0016	-69	-1.6	nd	-0.026	-6.00E-04	-62	-1.50	nd
01411500	TP	1980	1990	milligrams per liter as phosphorous	-0.023	-0.0023	-53	-5.3	nd	-0.0097	-0.00097	-51	-5.10	nd
01411500	TP	1980	2000	milligrams per liter as phosphorous	-0.021	-0.001	-48	-2.4	nd	-0.008	-4.00E-04	-42	-2.10	nd
01411500	TP	1980	2007	milligrams per liter as phosphorous	-0.021	-0.00077	-49	-1.8	nd	-0.0075	-0.00028	-40	-1.50	nd
01411500	TP	1980	2010	milligrams per liter as phosphorous	-0.018	-0.00061	-43	-1.4	nd	-0.0063	-0.00021	-33	-1.10	nd
01411500	TP	1980	2011	milligrams per liter as phosphorous	-0.018	-0.00057	-41	-1.3	<0.02	-0.006	-0.00019	-32	-1.00	<0.02
01411500	TP	1980	2012	milligrams per liter as phosphorous	-0.017	-0.00052	-39	-1.2	nd	-0.0055	-0.00017	-29	-0.92	nd
01411500	TP	1980	2016	milligrams per liter as phosphorous	-0.012	-0.00032	-27	-0.76	0.049	-0.0031	-8.70E-05	-17	-0.46	0.17
01411500	TP	1990	2000	milligrams per liter as phosphorous	0.002	2.00E-04	10	1	nd	0.0017	0.00017	19	1.90	nd
01411500	TP	1990	2007	milligrams per liter as phosphorous	0.0019	0.00011	9.5	0.56	nd	0.0022	0.00013	24	1.40	nd
01411500	TP	1990	2010	milligrams per liter as phosphorous	0.0043	0.00021	21	1.1	nd	0.0034	0.00017	37	1.80	nd
01411500	TP	1990	2011	milligrams per liter as phosphorous	0.0051	0.00024	26	1.2	nd	0.0037	0.00018	40	1.90	nd
01411500	TP	1990	2012	milligrams per liter as phosphorous	0.006	0.00027	30	1.4	nd	0.0041	0.00019	45	2.10	nd
01411500	TP	1990	2016	milligrams per liter as phosphorous	0.011	0.00042	55	2.1	nd	0.0065	0.00025	72	2.80	nd
01411500	TP	2000	2007	milligrams per liter as phosphorous	-0.00015	-2.10E-05	-0.67	-0.096	nd	5.00E-04	7.10E-05	4.6	0.66	nd

01411500	TP	2000	2010	milligrams per liter as phosphorous	0.0022	0.00022	10	1	nd	0.0017	0.00017	15	1.50	nd
01411500	TP	2000	2011	milligrams per liter as phosphorous	0.003	0.00028	14	1.3	nd	0.002	0.00018	18	1.70	nd
01411500	TP	2000	2012	milligrams per liter as phosphorous	0.004	0.00033	18	1.5	nd	0.0024	2.00E-04	23	1.90	nd
01411500	TP	2000	2016	milligrams per liter as phosphorous	0.009	0.00056	41	2.5	nd	0.0048	3.00E-04	45	2.80	nd
01411500	TP	2007	2010	milligrams per liter as phosphorous	0.0024	8.00E-04	11	3.6	nd	0.0012	0.00039	10	3.40	nd
01411500	TP	2007	2011	milligrams per liter as phosphorous	0.0032	8.00E-04	15	3.7	nd	0.0015	0.00037	13	3.30	nd
01411500	TP	2007	2012	milligrams per liter as phosphorous	0.0041	0.00083	19	3.8	nd	0.002	0.00039	17	3.40	nd
01411500	TP	2007	2016	milligrams per liter as phosphorous	0.0091	0.001	42	4.6	<0.02	0.0043	0.00048	38	4.30	<0.02
01411500	TP	2010	2011	milligrams per liter as phosphorous	8.00E-04	8.00E-04	3.3	3.3	nd	0.00032	0.00032	2.6	2.60	nd
01411500	TP	2010	2012	milligrams per liter as phosphorous	0.0018	0.00088	7.2	3.6	nd	0.00078	0.00039	6.3	3.10	nd
01411500	TP	2010	2016	milligrams per liter as phosphorous	0.0067	0.0011	28	4.6	nd	0.0032	0.00053	25	4.20	nd
01411500	TP	2011	2012	milligrams per liter as phosphorous	0.00095	0.00095	3.8	3.8	nd	0.00046	0.00046	3.6	3.60	nd
01411500	TP	2011	2016	milligrams per liter as phosphorous	0.0059	0.0012	24	4.7	nd	0.0029	0.00057	22	4.50	nd
01411500	TP	2012	2016	milligrams per liter as phosphorous	0.005	0.0012	19	4.8	<0.02	0.0024	6.00E-04	18	4.50	<0.02
01443500	NO23	1978	1980	milligrams per liter as nitrogen	0.0023	0.0011	0.38	0.19	nd	0.006	0.003	1.5	0.77	nd
01443500	NO23	1978	1990	milligrams per liter as nitrogen	0.015	0.0013	2.5	0.21	nd	0.02	0.0016	5.1	0.42	nd
01443500	NO23	1978	2000	milligrams per liter as nitrogen	-0.058	-0.0026	-9.8	-0.45	nd	-0.042	-0.0019	-11	-0.49	nd
01443500	NO23	1978	2007	milligrams per liter as nitrogen	-0.11	-0.0039	-19	-0.66	nd	-0.081	-0.0028	-21	-0.72	nd
01443500	NO23	1978	2010	milligrams per liter as nitrogen	-0.13	-0.004	-22	-0.68	nd	-0.088	-0.0027	-22	-0.70	nd
01443500	NO23	1978	2011	milligrams per liter as nitrogen	-0.14	-0.0043	-24	-0.72	nd	-0.098	-0.003	-25	-0.76	nd
01443500	NO23	1978	2012	milligrams per liter as nitrogen	-0.15	-0.0044	-25	-0.74	nd	-0.1	-0.0031	-27	-0.78	nd
01443500	NO23	1978	2016	milligrams per liter as nitrogen	-0.19	-0.0049	-31	-0.82	nd	-0.13	-0.0035	-34	-0.88	nd
01443500	NO23	1980	1990	milligrams per liter as nitrogen	0.013	0.0013	2.2	0.22	nd	0.014	0.0014	3.5	0.35	nd
01443500	NO23	1980	2000	milligrams per liter as nitrogen	-0.06	-0.003	-10	-0.51	nd	-0.048	-0.0024	-12	-0.61	nd
01443500	NO23	1980	2007	milligrams per liter as nitrogen	-0.12	-0.0043	-19	-0.72	nd	-0.088	-0.0032	-22	-0.82	nd
01443500	NO23	1980	2010	milligrams per liter as nitrogen	-0.13	-0.0043	-22	-0.73	nd	-0.094	-0.0031	-24	-0.79	nd
01443500	NO23	1980	2011	milligrams per liter as nitrogen	-0.14	-0.0046	-24	-0.77	0.036	-0.1	-0.0034	-26	-0.85	<0.02
01443500	NO23	1980	2012	milligrams per liter as nitrogen	-0.15	-0.0047	-25	-0.79	nd	-0.11	-0.0034	-28	-0.87	nd
01443500	NO23	1980	2016	milligrams per liter as nitrogen	-0.19	-0.0052	-32	-0.88	0.028	-0.14	-0.0038	-35	-0.96	<0.02
01443500	NO23	1990	2000	milligrams per liter as nitrogen	-0.073	-0.0073	-12	-1.2	nd	-0.062	-0.0062	-15	-1.50	nd
01443500	NO23	1990	2007	milligrams per liter as nitrogen	-0.13	-0.0075	-21	-1.2	nd	-0.1	-0.006	-25	-1.40	nd
01443500	NO23	1990	2010	milligrams per liter as nitrogen	-0.14	-0.0072	-24	-1.2	nd	-0.11	-0.0054	-26	-1.30	nd
01443500	NO23	1990	2011	milligrams per liter as nitrogen	-0.16	-0.0074	-26	-1.2	nd	-0.12	-0.0056	-29	-1.40	nd
01443500	NO23	1990	2012	milligrams per liter as nitrogen	-0.16	-0.0074	-27	-1.2	nd	-0.12	-0.0056	-30	-1.40	nd
01443500	NO23	1990	2016	milligrams per liter as nitrogen	-0.2	-0.0077	-33	-1.3	nd	-0.15	-0.0058	-37	-1.40	nd
01443500	NO23	2000	2007	milligrams per liter as nitrogen	-0.055	-0.0078	-10	-1.5	nd	-0.039	-0.0056	-11	-1.60	nd
01443500	NO23	2000	2010	milligrams per liter as nitrogen	-0.07	-0.007	-13	-1.3	nd	-0.045	-0.0045	-13	-1.30	nd
01443500	NO23	2000	2011	milligrams per liter as nitrogen	-0.082	-0.0075	-15	-1.4	nd	-0.056	-0.0051	-16	-1.50	nd
01443500	NO23	2000	2012	milligrams per liter as nitrogen	-0.091	-0.0075	-17	-1.4	nd	-0.062	-0.0051	-18	-1.50	nd
01443500	NO23	2000	2016	milligrams per liter as nitrogen	-0.13	-0.008	-24	-1.5	nd	-0.089	-0.0056	-26	-1.60	nd
01443500	NO23	2007	2010	milligrams per liter as nitrogen	-0.015	-0.005	-3.1	-1	nd	-0.0061	-0.002	-2	-0.65	nd
01443500	NO23	2007	2011	milligrams per liter as nitrogen	-0.027	-0.0069	-5.7	-1.4	nd	-0.017	-0.0041	-5.4	-1.30	nd
01443500	NO23	2007	2012	milligrams per liter as nitrogen	-0.036	-0.0072	-7.5	-1.5	nd	-0.023	-0.0045	-7.3	-1.50	nd
01443500	NO23	2007	2016	milligrams per liter as nitrogen	-0.073	-0.0081	-15	-1.7	<0.02	-0.05	-0.0056	-16	-1.80	<0.02
01443500	NO23	2010	2011	milligrams per liter as nitrogen	-0.012	-0.012	-2.7	-2.7	nd	-0.011	-0.011	-3.5	-3.50	nd
01443500	NO23	2010	2012	milligrams per liter as nitrogen	-0.021	-0.01	-4.5	-2.2	nd	-0.017	-0.0083	-5.5	-2.70	nd
01443500	NO23	2010	2016	milligrams per liter as nitrogen	-0.058	-0.0096	-12	-2.1	nd	-0.044	-0.0073	-14	-2.40	nd
01443500	NO23	2011	2012	milligrams per liter as nitrogen	-0.0084	-0.0084	-1.9	-1.9	nd	-0.0061	-0.0061	-2.1	-2.10	nd
01443500	NO23	2011	2016	milligrams per liter as nitrogen	-0.045	-0.0091	-10	-2	nd	-0.033	-0.0067	-11	-2.30	nd
01443500	NO23	2012	2016	milligrams per liter as nitrogen	-0.037	-0.0092	-8.3	-2.1	<0.02	-0.027	-0.0068	-9.5	-2.40	<0.02
01443500	TN	1978	1980	milligrams per liter as nitrogen	-0.012	-0.006	-1	-0.5	nd	-0.0097	0.00	-1.2	-0.62	nd
01443500	TN	1978	1990	milligrams per liter as nitrogen	-0.11	-0.0088	-8.8	-0.73	nd	-0.081	-0.0068	-10	-0.86	nd
01443500	TN	1978	2000	milligrams per liter as nitrogen	-0.26	-0.012	-22	-1	nd	-0.2	-0.0092	-26	-1.20	nd
01443500	TN	1978	2007	milligrams per liter as nitrogen	-0.32	-0.011	-27	-0.93	nd	-0.24	-0.0083	-31	-1.10	nd
01443500	TN	1978	2010	milligrams per liter as nitrogen	-0.35	-0.011	-29	-0.91	nd	-0.25	-0.0079	-32	-1.00	nd
01443500	TN	1978	2011	milligrams per liter as nitrogen	-0.36	-0.011	-30	-0.91	nd	-0.26	-0.0079	-33	-1.00	nd
01443500	TN	1978	2012	milligrams per liter as nitrogen	-0.37	-0.011	-31	-0.91	nd	-0.27	-0.0078	-34	-1.00	nd
01443500	TN	1978	2016	milligrams per liter as nitrogen	-0.41	-0.011	-34	-0.9	nd	-0.29	-0.0076	-37	-0.97	nd
01443500	TN	1980	1990	milligrams per liter as nitrogen	-0.093	-0.0093	-7.9	-0.79	nd	-0.071	-0.0071	-9.2	-0.92	nd
01443500	TN	1980	2000	milligrams per liter as nitrogen	-0.25	-0.013	-21	-1.1	nd	-0.19	-0.0097	-25	-1.20	nd
01443500	TN	1980	2007	milligrams per liter as nitrogen	-0.31	-0.012	-26	-0.98	nd	-0.23	-0.0086	-30	-1.10	nd
01443500	TN	1980	2010	milligrams per liter as nitrogen	-0.34	-0.011	-28	-0.95	nd	-0.24	-0.0082	-32	-1.10	nd
01443500	TN	1980	2011	milligrams per liter as nitrogen	-0.35	-0.011	-29	-0.94	<0.02	-0.25	-0.0081	-32	-1.00	<0.02
01443500	TN	1980	2012	milligrams per liter as nitrogen	-0.36	-0.011	-30	-0.94	nd	-0.26	-0.008	-33	-1.00	nd
01443500	TN	1980	2016	milligrams per liter as nitrogen	-0.4	-0.011	-33	-0.93	<0.02	-0.28	-0.0078	-36	-1.00	<0.02

01443500	TN	1990	2000	milligrams per liter as nitrogen	-0.16	-0.016	-15	-1.5	nd	-0.12	-0.012	-17	-1.70	nd
01443500	TN	1990	2007	milligrams per liter as nitrogen	-0.22	-0.013	-20	-1.2	nd	-0.16	-0.0094	-23	-1.30	nd
01443500	TN	1990	2010	milligrams per liter as nitrogen	-0.24	-0.012	-22	-1.1	nd	-0.17	-0.0087	-25	-1.20	nd
01443500	TN	1990	2011	milligrams per liter as nitrogen	-0.25	-0.012	-23	-1.1	nd	-0.18	-0.0085	-26	-1.20	nd
01443500	TN	1990	2012	milligrams per liter as nitrogen	-0.26	-0.012	-24	-1.1	nd	-0.19	-0.0084	-26	-1.20	nd
01443500	TN	1990	2016	milligrams per liter as nitrogen	-0.3	-0.012	-28	-1.1	nd	-0.21	-0.008	-30	-1.10	nd
01443500	TN	2000	2007	milligrams per liter as nitrogen	-0.059	-0.0085	-6.4	-0.91	nd	-0.039	-0.0055	-6.6	-0.95	nd
01443500	TN	2000	2010	milligrams per liter as nitrogen	-0.083	-0.0083	-9	-0.9	nd	-0.051	-0.0051	-8.8	-0.88	nd
01443500	TN	2000	2011	milligrams per liter as nitrogen	-0.094	-0.0085	-10	-0.91	nd	-0.058	-0.0052	-9.9	-0.90	nd
01443500	TN	2000	2012	milligrams per liter as nitrogen	-0.1	-0.0086	-11	-0.93	nd	-0.064	-0.0053	-11	-0.91	nd
01443500	TN	2000	2016	milligrams per liter as nitrogen	-0.14	-0.0089	-15	-0.96	nd	-0.087	-0.0054	-15	-0.93	nd
01443500	TN	2007	2010	milligrams per liter as nitrogen	-0.024	-0.008	-2.8	-0.92	nd	-0.013	-0.0042	-2.3	-0.78	nd
01443500	TN	2007	2011	milligrams per liter as nitrogen	-0.034	-0.0086	-3.9	-0.98	nd	-0.019	-0.0048	-3.5	-0.88	nd
01443500	TN	2007	2012	milligrams per liter as nitrogen	-0.044	-0.0088	-5.1	-1	nd	-0.025	-0.005	-4.6	-0.92	nd
01443500	TN	2007	2016	milligrams per liter as nitrogen	-0.083	-0.0093	-9.6	-1.1	<0.02	-0.048	-0.0053	-8.8	-0.98	<0.02
01443500	TN	2010	2011	milligrams per liter as nitrogen	-0.01	-0.01	-1.2	-1.2	nd	-0.0063	-0.0063	-1.2	-1.20	nd
01443500	TN	2010	2012	milligrams per liter as nitrogen	-0.02	-0.01	-2.4	-1.2	nd	-0.012	-0.0061	-2.3	-1.20	nd
01443500	TN	2010	2016	milligrams per liter as nitrogen	-0.059	-0.0099	-7	-1.2	nd	-0.035	-0.0059	-6.7	-1.10	nd
01443500	TN	2011	2012	milligrams per liter as nitrogen	-0.0099	-0.0099	-1.2	-1.2	nd	-0.006	-0.006	-1.1	-1.10	nd
01443500	TN	2011	2016	milligrams per liter as nitrogen	-0.049	-0.0098	-5.8	-1.2	nd	-0.029	-0.0058	-5.5	-1.10	nd
01443500	TN	2012	2016	milligrams per liter as nitrogen	-0.039	-0.0098	-4.7	-1.2	<0.02	-0.023	-0.0058	-4.4	-1.10	<0.02
01443500	TP	1978	1980	milligrams per liter as phosphorous	-0.00081	-0.00041	-1.2	-0.62	nd	-0.0013	-0.00065	-3.1	-1.60	nd
01443500	TP	1978	1990	milligrams per liter as phosphorous	-0.016	-0.0013	-24	-2	nd	-0.0081	-0.00067	-19	-1.60	nd
01443500	TP	1978	2000	milligrams per liter as phosphorous	-0.03	-0.0014	-45	-2.1	nd	-0.018	-0.00081	-43	-1.90	nd
01443500	TP	1978	2007	milligrams per liter as phosphorous	-0.033	-0.0011	-51	-1.8	nd	-0.023	-0.00078	-54	-1.90	nd
01443500	TP	1978	2010	milligrams per liter as phosphorous	-0.033	-0.001	-50	-1.6	nd	-0.023	-0.00071	-54	-1.70	nd
01443500	TP	1978	2011	milligrams per liter as phosphorous	-0.033	-0.001	-50	-1.5	nd	-0.022	-0.00067	-53	-1.60	nd
01443500	TP	1978	2012	milligrams per liter as phosphorous	-0.033	-0.00096	-50	-1.5	nd	-0.022	-0.00064	-52	-1.50	nd
01443500	TP	1978	2016	milligrams per liter as phosphorous	-0.031	-0.00082	-47	-1.2	nd	-0.02	-0.00052	-47	-1.20	nd
01443500	TP	1980	1990	milligrams per liter as phosphorous	-0.015	-0.0015	-23	-2.3	nd	-0.0068	-0.00068	-17	-1.70	nd
01443500	TP	1980	2000	milligrams per liter as phosphorous	-0.029	-0.0014	-45	-2.2	nd	-0.017	-0.00083	-41	-2.00	nd
01443500	TP	1980	2007	milligrams per liter as phosphorous	-0.033	-0.0012	-50	-1.9	nd	-0.021	-0.00079	-53	-1.90	nd
01443500	TP	1980	2010	milligrams per liter as phosphorous	-0.032	-0.0011	-50	-1.7	nd	-0.021	-0.00071	-53	-1.80	nd
01443500	TP	1980	2011	milligrams per liter as phosphorous	-0.032	-0.001	-50	-1.6	<0.02	-0.021	-0.00068	-52	-1.70	<0.02
01443500	TP	1980	2012	milligrams per liter as phosphorous	-0.032	-0.00099	-49	-1.5	nd	-0.02	-0.00064	-51	-1.60	nd
01443500	TP	1980	2016	milligrams per liter as phosphorous	-0.03	-0.00084	-47	-1.3	<0.02	-0.018	-0.00051	-45	-1.30	<0.02
01443500	TP	1990	2000	milligrams per liter as phosphorous	-0.014	-0.0014	-28	-2.8	nd	-0.0097	-0.00097	-29	-2.90	nd
01443500	TP	1990	2007	milligrams per liter as phosphorous	-0.018	-0.001	-35	-2.1	nd	-0.014	-0.00085	-43	-2.50	nd
01443500	TP	1990	2010	milligrams per liter as phosphorous	-0.017	-0.00087	-35	-1.7	nd	-0.015	-0.00073	-43	-2.20	nd
01443500	TP	1990	2011	milligrams per liter as phosphorous	-0.017	-0.00082	-34	-1.6	nd	-0.014	-0.00068	-42	-2.00	nd
01443500	TP	1990	2012	milligrams per liter as phosphorous	-0.017	-0.00076	-34	-1.5	nd	-0.014	-0.00062	-41	-1.80	nd
01443500	TP	1990	2016	milligrams per liter as phosphorous	-0.015	-0.00059	-31	-1.2	nd	-0.012	-0.00045	-34	-1.30	nd
01443500	TP	2000	2007	milligrams per liter as phosphorous	-0.0036	-0.00051	-9.9	-1.4	nd	-0.0047	-0.00068	-20	-2.80	nd
01443500	TP	2000	2010	milligrams per liter as phosphorous	-0.0033	-0.00033	-9.3	-0.93	nd	-0.0048	-0.00048	-20	-2.00	nd
01443500	TP	2000	2011	milligrams per liter as phosphorous	-0.0031	-0.00028	-8.6	-0.78	nd	-0.0045	-0.00041	-19	-1.70	nd
01443500	TP	2000	2012	milligrams per liter as phosphorous	-0.0027	-0.00023	-7.7	-0.64	nd	-0.0039	-0.00033	-16	-1.40	nd
01443500	TP	2000	2016	milligrams per liter as phosphorous	-0.0013	-8.20E-05	-3.7	-0.23	nd	-0.0018	-0.00012	-7.7	-0.48	nd
01443500	TP	2007	2010	milligrams per liter as phosphorous	0.00024	8.10E-05	0.75	0.25	nd	-8.40E-05	-2.80E-05	-0.44	-0.15	nd
01443500	TP	2007	2011	milligrams per liter as phosphorous	0.00048	0.00012	1.5	0.37	nd	0.00027	6.80E-05	1.4	0.36	nd
01443500	TP	2007	2012	milligrams per liter as phosphorous	0.00081	0.00016	2.5	0.5	nd	0.00081	0.00016	4.2	0.84	nd
01443500	TP	2007	2016	milligrams per liter as phosphorous	0.0022	0.00025	6.9	0.77	0.15	0.0029	0.00032	15	1.70	0.1
01443500	TP	2010	2011	milligrams per liter as phosphorous	0.00024	0.00024	0.73	0.73	nd	0.00036	0.00036	1.9	1.90	nd
01443500	TP	2010	2012	milligrams per liter as phosphorous	0.00057	0.00028	1.7	0.87	nd	0.00089	0.00045	4.7	2.30	nd
01443500	TP	2010	2016	milligrams per liter as phosphorous	0.002	0.00033	6.1	1	nd	0.003	0.00049	16	2.60	nd
01443500	TP	2011	2012	milligrams per liter as phosphorous	0.00033	0.00033	1	1	nd	0.00053	0.00053	2.8	2.80	nd
01443500	TP	2011	2016	milligrams per liter as phosphorous	0.0018	0.00035	5.4	1.1	nd	0.0026	0.00052	13	2.70	nd
01443500	TP	2012	2016	milligrams per liter as phosphorous	0.0014	0.00036	4.3	1.1	0.032	0.0021	0.00052	10	2.60	0.028
01463500	NO23	1971	1980	milligrams per liter as nitrogen	-0.0021	-0.00024	-0.22	-0.024	nd	-0.36	-0.04	-1.2	-0.13	nd
01463500	NO23	1971	1990	milligrams per liter as nitrogen	0.023	0.0012	2.4	0.13	nd	1.9	0.099	6.1	0.32	nd
01463500	NO23	1971	2000	milligrams per liter as nitrogen	-0.13	-0.0046	-14	-0.47	nd	-2.9	-0.099	-9.4	-0.32	nd
01463500	NO23	1971	2007	milligrams per liter as nitrogen	-0.14	-0.0038	-14	-0.39	nd	-4.1	-0.11	-14	-0.38	nd
01463500	NO23	1971	2010	milligrams per liter as nitrogen	-0.15	-0.0038	-15	-0.39	nd	-4.6	-0.12	-15	-0.39	nd
01463500	NO23	1971	2011	milligrams per liter as nitrogen	-0.14	-0.0036	-15	-0.37	nd	-4.4	-0.11	-14	-0.36	nd
01463500	NO23	1971	2012	milligrams per liter as nitrogen	-0.14	-0.0034	-14	-0.35	nd	-4.3	-0.1	-14	-0.34	nd
01463500	NO23	1971	2016	milligrams per liter as nitrogen	-0.13	-0.0029	-14	-0.3	nd	-3.9	-0.086	-13	-0.28	nd

01463500	NO23	1980	1990	milligrams per liter as nitrogen	0.026	0.0026	2.6	0.26	nd	2.2	0.22	7.4	0.74	nd
01463500	NO23	1980	2000	milligrams per liter as nitrogen	-0.13	-0.0066	-14	-0.68	nd	-2.5	-0.13	-8.3	-0.42	nd
01463500	NO23	1980	2007	milligrams per liter as nitrogen	-0.14	-0.005	-14	-0.51	nd	-3.8	-0.14	-12	-0.46	nd
01463500	NO23	1980	2010	milligrams per liter as nitrogen	-0.15	-0.0049	-15	-0.5	nd	-4.2	-0.14	-14	-0.47	nd
01463500	NO23	1980	2011	milligrams per liter as nitrogen	-0.14	-0.0046	-15	-0.47	<0.02	-4.1	-0.13	-13	-0.43	<0.02
01463500	NO23	1980	2012	milligrams per liter as nitrogen	-0.14	-0.0043	-14	-0.44	nd	-3.9	-0.12	-13	-0.41	nd
01463500	NO23	1980	2016	milligrams per liter as nitrogen	-0.13	-0.0036	-13	-0.37	<0.02	-3.5	-0.098	-12	-0.32	0.024
01463500	NO23	1990	2000	milligrams per liter as nitrogen	-0.16	-0.016	-16	-1.6	nd	-4.8	-0.48	-15	-1.50	nd
01463500	NO23	1990	2007	milligrams per liter as nitrogen	-0.16	-0.0095	-16	-0.95	nd	-6	-0.35	-19	-1.10	nd
01463500	NO23	1990	2010	milligrams per liter as nitrogen	-0.17	-0.0086	-17	-0.86	nd	-6.5	-0.32	-20	-1.00	nd
01463500	NO23	1990	2011	milligrams per liter as nitrogen	-0.17	-0.008	-17	-0.79	nd	-6.3	-0.3	-19	-0.92	nd
01463500	NO23	1990	2012	milligrams per liter as nitrogen	-0.16	-0.0075	-16	-0.74	nd	-6.2	-0.28	-19	-0.86	nd
01463500	NO23	1990	2016	milligrams per liter as nitrogen	-0.16	-0.006	-16	-0.6	nd	-5.8	-0.22	-18	-0.68	nd
01463500	NO23	2000	2007	milligrams per liter as nitrogen	-0.003	-0.00042	-0.35	-0.05	nd	-1.3	-0.18	-4.5	-0.65	nd
01463500	NO23	2000	2010	milligrams per liter as nitrogen	-0.014	-0.0014	-1.6	-0.16	nd	-1.7	-0.17	-6.2	-0.62	nd
01463500	NO23	2000	2011	milligrams per liter as nitrogen	-0.0089	-0.00081	-1.1	-0.096	nd	-1.5	-0.14	-5.6	-0.51	nd
01463500	NO23	2000	2012	milligrams per liter as nitrogen	-0.0058	-0.00048	-0.68	-0.057	nd	-1.4	-0.12	-5.1	-0.42	nd
01463500	NO23	2000	2016	milligrams per liter as nitrogen	0.0024	0.00015	0.28	0.017	nd	-1	-0.063	-3.6	-0.23	nd
01463500	NO23	2007	2010	milligrams per liter as nitrogen	-0.011	-0.0036	-1.3	-0.43	nd	-0.47	-0.16	-1.8	-0.59	nd
01463500	NO23	2007	2011	milligrams per liter as nitrogen	-0.006	-0.0015	-0.71	-0.18	nd	-0.29	-0.073	-1.1	-0.28	nd
01463500	NO23	2007	2012	milligrams per liter as nitrogen	-0.0028	-0.00056	-0.33	-0.067	nd	-0.15	-0.03	-0.57	-0.11	nd
01463500	NO23	2007	2016	milligrams per liter as nitrogen	0.0053	0.00059	0.63	0.07	0.94	0.25	0.028	0.94	0.10	0.92
01463500	NO23	2010	2011	milligrams per liter as nitrogen	0.0048	0.0048	0.57	0.57	nd	0.18	0.18	0.69	0.69	nd
01463500	NO23	2010	2012	milligrams per liter as nitrogen	0.0079	0.004	0.96	0.48	nd	0.32	0.16	1.2	0.62	nd
01463500	NO23	2010	2016	milligrams per liter as nitrogen	0.016	0.0027	1.9	0.32	nd	0.72	0.12	2.8	0.46	nd
01463500	NO23	2011	2012	milligrams per liter as nitrogen	0.0032	0.0032	0.38	0.38	nd	0.14	0.14	0.54	0.54	nd
01463500	NO23	2011	2016	milligrams per liter as nitrogen	0.011	0.0023	1.4	0.27	nd	0.54	0.11	2.1	0.41	nd
01463500	NO23	2012	2016	milligrams per liter as nitrogen	0.0081	0.002	0.97	0.24	0.84	0.4	0.1	1.5	0.38	0.75
01463500	TN	1971	1980	milligrams per liter as nitrogen	0.024	0.0026	1.6	0.17	nd	5.4	0.6	11	1.30	nd
01463500	TN	1971	1990	milligrams per liter as nitrogen	0.013	0.00067	0.83	0.044	nd	8.1	0.42	17	0.90	nd
01463500	TN	1971	2000	milligrams per liter as nitrogen	-0.3	-0.01	-20	-0.68	nd	-3.3	-0.11	-7	-0.24	nd
01463500	TN	1971	2007	milligrams per liter as nitrogen	-0.38	-0.011	-25	-0.7	nd	-9	-0.25	-19	-0.53	nd
01463500	TN	1971	2010	milligrams per liter as nitrogen	-0.4	-0.01	-26	-0.67	nd	-9.7	-0.25	-21	-0.53	nd
01463500	TN	1971	2011	milligrams per liter as nitrogen	-0.39	-0.0098	-26	-0.64	nd	-9.2	-0.23	-20	-0.49	nd
01463500	TN	1971	2012	milligrams per liter as nitrogen	-0.38	-0.0093	-25	-0.61	nd	-8.7	-0.21	-18	-0.45	nd
01463500	TN	1971	2016	milligrams per liter as nitrogen	-0.35	-0.0077	-23	-0.5	nd	-6.4	-0.14	-14	-0.30	nd
01463500	TN	1980	1990	milligrams per liter as nitrogen	-0.011	-0.0011	-0.71	-0.071	nd	2.7	0.27	5.1	0.51	nd
01463500	TN	1980	2000	milligrams per liter as nitrogen	-0.33	-0.016	-21	-1.1	nd	-8.7	-0.44	-17	-0.83	nd
01463500	TN	1980	2007	milligrams per liter as nitrogen	-0.41	-0.015	-26	-0.98	nd	-14	-0.53	-27	-1.00	nd
01463500	TN	1980	2010	milligrams per liter as nitrogen	-0.42	-0.014	-27	-0.91	nd	-15	-0.5	-29	-0.96	nd
01463500	TN	1980	2011	milligrams per liter as nitrogen	-0.41	-0.013	-27	-0.86	<0.02	-15	-0.47	-28	-0.90	<0.02
01463500	TN	1980	2012	milligrams per liter as nitrogen	-0.41	-0.013	-26	-0.82	nd	-14	-0.44	-27	-0.84	nd
01463500	TN	1980	2016	milligrams per liter as nitrogen	-0.37	-0.01	-24	-0.66	<0.02	-12	-0.33	-22	-0.62	<0.02
01463500	TN	1990	2000	milligrams per liter as nitrogen	-0.31	-0.031	-20	-2	nd	-11	-1.1	-21	-2.10	nd
01463500	TN	1990	2007	milligrams per liter as nitrogen	-0.4	-0.023	-26	-1.5	nd	-17	-1	-31	-1.80	nd
01463500	TN	1990	2010	milligrams per liter as nitrogen	-0.41	-0.021	-27	-1.3	nd	-18	-0.89	-32	-1.60	nd
01463500	TN	1990	2011	milligrams per liter as nitrogen	-0.4	-0.019	-26	-1.2	nd	-17	-0.82	-31	-1.50	nd
01463500	TN	1990	2012	milligrams per liter as nitrogen	-0.39	-0.018	-26	-1.2	nd	-17	-0.76	-30	-1.40	nd
01463500	TN	1990	2016	milligrams per liter as nitrogen	-0.36	-0.014	-23	-0.9	nd	-14	-0.56	-26	-1.00	nd
01463500	TN	2000	2007	milligrams per liter as nitrogen	-0.083	-0.012	-6.8	-0.97	nd	-5.7	-0.82	-13	-1.90	nd
01463500	TN	2000	2010	milligrams per liter as nitrogen	-0.097	-0.0097	-8	-0.8	nd	-6.4	-0.64	-15	-1.50	nd
01463500	TN	2000	2011	milligrams per liter as nitrogen	-0.089	-0.0081	-7.2	-0.66	nd	-5.9	-0.54	-13	-1.20	nd
01463500	TN	2000	2012	milligrams per liter as nitrogen	-0.08	-0.0067	-6.5	-0.54	nd	-5.4	-0.45	-12	-1.00	nd
01463500	TN	2000	2016	milligrams per liter as nitrogen	-0.043	-0.0027	-3.6	-0.22	nd	-3.1	-0.19	-7.1	-0.44	nd
01463500	TN	2007	2010	milligrams per liter as nitrogen	-0.014	-0.0047	-1.2	-0.42	nd	-0.68	-0.23	-1.8	-0.59	nd
01463500	TN	2007	2011	milligrams per liter as nitrogen	-0.0053	-0.0013	-0.47	-0.12	nd	-0.18	-0.045	-0.47	-0.12	nd
01463500	TN	2007	2012	milligrams per liter as nitrogen	0.0033	0.00066	0.29	0.058	nd	0.36	0.073	0.95	0.19	nd
01463500	TN	2007	2016	milligrams per liter as nitrogen	0.04	0.0044	3.5	0.39	0.42	2.6	0.29	6.8	0.76	0.27
01463500	TN	2010	2011	milligrams per liter as nitrogen	0.0089	0.0089	0.79	0.79	nd	0.5	0.5	1.3	1.30	nd
01463500	TN	2010	2012	milligrams per liter as nitrogen	0.018	0.0088	1.6	0.78	nd	1	0.52	2.8	1.40	nd
01463500	TN	2010	2016	milligrams per liter as nitrogen	0.054	0.009	4.8	0.8	nd	3.3	0.55	8.8	1.50	nd
01463500	TN	2011	2012	milligrams per liter as nitrogen	0.0087	0.0087	0.76	0.76	nd	0.55	0.55	1.4	1.40	nd
01463500	TN	2011	2016	milligrams per liter as nitrogen	0.045	0.009	4	0.8	nd	2.8	0.56	7.3	1.50	nd
01463500	TN	2012	2016	milligrams per liter as nitrogen	0.036	0.0091	3.2	0.8	0.098	2.2	0.56	5.8	1.50	<0.02
01463500	TP	1971	1980	milligrams per liter as phosphorus	-0.084	-0.0094	-45	-5	nd	-2.2	-0.25	-41	-4.50	nd

01463500	TP	1971	1990	milligrams per liter as phosphorous	-0.083	-0.0044	-45	-2.3	nd	-0.97	-0.051	-18	-0.93	nd
01463500	TP	1971	2000	milligrams per liter as phosphorous	-0.11	-0.0037	-57	-2	nd	-2	-0.068	-36	-1.20	nd
01463500	TP	1971	2007	milligrams per liter as phosphorous	-0.13	-0.0035	-67	-1.9	nd	-3	-0.084	-55	-1.50	nd
01463500	TP	1971	2010	milligrams per liter as phosphorous	-0.13	-0.0032	-67	-1.7	nd	-3	-0.077	-55	-1.40	nd
01463500	TP	1971	2011	milligrams per liter as phosphorous	-0.12	-0.0031	-65	-1.6	nd	-2.9	-0.072	-52	-1.30	nd
01463500	TP	1971	2012	milligrams per liter as phosphorous	-0.12	-0.0029	-64	-1.6	nd	-2.7	-0.066	-49	-1.20	nd
01463500	TP	1971	2016	milligrams per liter as phosphorous	-0.1	-0.0023	-54	-1.2	nd	-1.8	-0.039	-32	-0.71	nd
01463500	TP	1980	1990	milligrams per liter as phosphorous	0.0012	0.00012	1.2	0.12	nd	1.3	0.13	39	3.90	nd
01463500	TP	1980	2000	milligrams per liter as phosphorous	-0.022	-0.0011	-22	-1.1	nd	0.27	0.014	8.4	0.42	nd
01463500	TP	1980	2007	milligrams per liter as phosphorous	-0.041	-0.0015	-40	-1.5	nd	-0.77	-0.028	-24	-0.87	nd
01463500	TP	1980	2010	milligrams per liter as phosphorous	-0.041	-0.0014	-40	-1.3	nd	-0.77	-0.026	-24	-0.79	nd
01463500	TP	1980	2011	milligrams per liter as phosphorous	-0.038	-0.0012	-37	-1.2	<0.02	-0.63	-0.02	-19	-0.63	0.054
01463500	TP	1980	2012	milligrams per liter as phosphorous	-0.034	-0.0011	-34	-1	nd	-0.46	-0.014	-14	-0.44	nd
01463500	TP	1980	2016	milligrams per liter as phosphorous	-0.017	-0.00047	-17	-0.46	0.049	0.49	0.014	15	0.42	0.55
01463500	TP	1990	2000	milligrams per liter as phosphorous	-0.024	-0.0024	-23	-2.3	nd	-1	-0.1	-22	-2.20	nd
01463500	TP	1990	2007	milligrams per liter as phosphorous	-0.042	-0.0025	-41	-2.4	nd	-2	-0.12	-45	-2.70	nd
01463500	TP	1990	2010	milligrams per liter as phosphorous	-0.042	-0.0021	-40	-2	nd	-2	-0.1	-45	-2.30	nd
01463500	TP	1990	2011	milligrams per liter as phosphorous	-0.039	-0.0019	-38	-1.8	nd	-1.9	-0.091	-42	-2.00	nd
01463500	TP	1990	2012	milligrams per liter as phosphorous	-0.036	-0.0016	-34	-1.6	nd	-1.7	-0.078	-38	-1.70	nd
01463500	TP	1990	2016	milligrams per liter as phosphorous	-0.018	-7.00E-04	-18	-0.68	nd	-0.78	-0.03	-17	-0.67	nd
01463500	TP	2000	2007	milligrams per liter as phosphorous	-0.019	-0.0027	-23	-3.3	nd	-1	-0.15	-30	-4.20	nd
01463500	TP	2000	2010	milligrams per liter as phosphorous	-0.018	-0.0018	-23	-2.3	nd	-1	-0.1	-30	-3.00	nd
01463500	TP	2000	2011	milligrams per liter as phosphorous	-0.015	-0.0014	-19	-1.8	nd	-0.91	-0.082	-26	-2.30	nd
01463500	TP	2000	2012	milligrams per liter as phosphorous	-0.012	-0.001	-15	-1.3	nd	-0.73	-0.061	-21	-1.70	nd
01463500	TP	2000	2016	milligrams per liter as phosphorous	0.0052	0.00033	6.5	0.41	nd	0.21	0.013	6.1	0.38	nd
01463500	TP	2007	2010	milligrams per liter as phosphorous	0.00028	9.50E-05	0.46	0.15	nd	-0.0016	-0.00053	-0.065	-0.02	nd
01463500	TP	2007	2011	milligrams per liter as phosphorous	0.0031	0.00078	5.1	1.3	nd	0.13	0.034	5.4	1.40	nd
01463500	TP	2007	2012	milligrams per liter as phosphorous	0.0065	0.0013	11	2.1	nd	0.31	0.062	13	2.50	nd
01463500	TP	2007	2016	milligrams per liter as phosphorous	0.024	0.0026	39	4.3	<0.02	1.3	0.14	51	5.60	0.12
01463500	TP	2010	2011	milligrams per liter as phosphorous	0.0028	0.0028	4.6	4.6	nd	0.14	0.14	5.5	5.50	nd
01463500	TP	2010	2012	milligrams per liter as phosphorous	0.0062	0.0031	10	5	nd	0.31	0.16	13	6.30	nd
01463500	TP	2010	2016	milligrams per liter as phosphorous	0.024	0.0039	38	6.4	nd	1.3	0.21	51	8.40	nd
01463500	TP	2011	2012	milligrams per liter as phosphorous	0.0034	0.0034	5.3	5.3	nd	0.18	0.18	6.8	6.80	nd
01463500	TP	2011	2016	milligrams per liter as phosphorous	0.021	0.0041	32	6.4	nd	1.1	0.22	43	8.60	nd
01463500	TP	2012	2016	milligrams per liter as phosphorous	0.017	0.0043	25	6.4	<0.02	0.94	0.24	34	8.40	<0.02
01477120	NO23	1971	1980	milligrams per liter as nitrogen	0.1	0.011	6.6	0.73	nd	0.012	0.0013	6.6	0.73	nd
01477120	NO23	1971	1990	milligrams per liter as nitrogen	0.4	0.021	26	1.4	nd	0.046	0.0024	25	1.30	nd
01477120	NO23	1971	2000	milligrams per liter as nitrogen	-0.29	-0.01	-19	-0.64	nd	-0.052	-0.0018	-29	-0.98	nd
01477120	NO23	1971	2007	milligrams per liter as nitrogen	0.25	0.007	16	0.45	nd	-0.00063	-1.70E-05	-0.34	-0.01	nd
01477120	NO23	1971	2010	milligrams per liter as nitrogen	0.28	0.0073	18	0.47	nd	0.0019	4.80E-05	1	0.03	nd
01477120	NO23	1971	2011	milligrams per liter as nitrogen	0.3	0.0076	20	0.49	nd	0.0042	0.00011	2.3	0.06	nd
01477120	NO23	1971	2012	milligrams per liter as nitrogen	0.34	0.0082	22	0.53	nd	0.0079	0.00019	4.3	0.11	nd
01477120	NO23	1971	2016	milligrams per liter as nitrogen	0.52	0.012	33	0.74	nd	0.027	6.00E-04	15	0.33	nd
01477120	NO23	1980	1990	milligrams per liter as nitrogen	0.3	0.03	18	1.8	nd	0.034	0.0034	18	1.80	nd
01477120	NO23	1980	2000	milligrams per liter as nitrogen	-0.4	-0.02	-24	-1.2	nd	-0.064	-0.0032	-33	-1.60	nd
01477120	NO23	1980	2007	milligrams per liter as nitrogen	0.15	0.0056	9	0.33	nd	-0.013	-0.00047	-6.5	-0.24	nd
01477120	NO23	1980	2010	milligrams per liter as nitrogen	0.18	0.006	11	0.36	nd	-0.01	-0.00034	-5.2	-0.17	nd
01477120	NO23	1980	2011	milligrams per liter as nitrogen	0.2	0.0065	12	0.39	0.47	-0.0078	-0.00025	-4	-0.13	0.85
01477120	NO23	1980	2012	milligrams per liter as nitrogen	0.23	0.0073	14	0.44	nd	-0.0041	-0.00013	-2.1	-0.07	nd
01477120	NO23	1980	2016	milligrams per liter as nitrogen	0.42	0.012	25	0.69	0.38	0.015	0.00042	7.8	0.22	0.74
01477120	NO23	1990	2000	milligrams per liter as nitrogen	-0.69	-0.069	-35	-3.5	nd	-0.098	-0.0098	-43	-4.30	nd
01477120	NO23	1990	2007	milligrams per liter as nitrogen	-0.15	-0.0088	-7.6	-0.45	nd	-0.047	-0.0028	-20	-1.20	nd
01477120	NO23	1990	2010	milligrams per liter as nitrogen	-0.12	-0.0059	-6	-0.3	nd	-0.044	-0.0022	-19	-0.97	nd
01477120	NO23	1990	2011	milligrams per liter as nitrogen	-0.097	-0.0046	-5	-0.24	nd	-0.042	-0.002	-18	-0.87	nd
01477120	NO23	1990	2012	milligrams per liter as nitrogen	-0.065	-0.003	-3.3	-0.15	nd	-0.038	-0.0017	-17	-0.76	nd
01477120	NO23	1990	2016	milligrams per liter as nitrogen	0.12	0.0045	6	0.23	nd	-0.019	-0.00073	-8.3	-0.32	nd
01477120	NO23	2000	2007	milligrams per liter as nitrogen	0.54	0.078	43	6.1	nd	0.051	0.0074	39	5.60	nd
01477120	NO23	2000	2010	milligrams per liter as nitrogen	0.58	0.058	45	4.5	nd	0.054	0.0054	41	4.10	nd
01477120	NO23	2000	2011	milligrams per liter as nitrogen	0.6	0.054	47	4.3	nd	0.056	0.0051	43	3.90	nd
01477120	NO23	2000	2012	milligrams per liter as nitrogen	0.63	0.052	50	4.1	nd	0.06	0.005	46	3.80	nd
01477120	NO23	2000	2016	milligrams per liter as nitrogen	0.81	0.051	64	4	nd	0.079	0.005	61	3.80	nd
01477120	NO23	2007	2010	milligrams per liter as nitrogen	0.031	0.01	1.7	0.57	nd	0.0025	0.00083	1.4	0.46	nd
01477120	NO23	2007	2011	milligrams per liter as nitrogen	0.052	0.013	2.9	0.72	nd	0.0049	0.0012	2.7	0.67	nd
01477120	NO23	2007	2012	milligrams per liter as nitrogen	0.084	0.017	4.6	0.93	nd	0.0086	0.0017	4.7	0.94	nd
01477120	NO23	2007	2016	milligrams per liter as nitrogen	0.27	0.03	15	1.6	0.66	0.028	0.0031	15	1.70	0.63

01477120	NO23	2010	2011	milligrams per liter as nitrogen	0.021	0.021	1.1	1.1	nd	0.0024	0.0024	1.3	1.30	nd
01477120	NO23	2010	2012	milligrams per liter as nitrogen	0.053	0.027	2.9	1.4	nd	0.0061	0.003	3.3	1.60	nd
01477120	NO23	2010	2016	milligrams per liter as nitrogen	0.24	0.039	13	2.1	nd	0.025	0.0042	14	2.30	nd
01477120	NO23	2011	2012	milligrams per liter as nitrogen	0.032	0.032	1.7	1.7	nd	0.0037	0.0037	2	2.00	nd
01477120	NO23	2011	2016	milligrams per liter as nitrogen	0.21	0.043	11	2.3	nd	0.023	0.0046	12	2.50	nd
01477120	NO23	2012	2016	milligrams per liter as nitrogen	0.18	0.046	9.6	2.4	0.5	0.019	0.0048	10	2.50	0.45
01477120	TN	1973	1980	milligrams per liter as nitrogen	0.38	0.054	21	3	nd	0.048	0.0069	23	3.20	nd
01477120	TN	1973	1990	milligrams per liter as nitrogen	0.69	0.041	39	2.3	nd	0.084	0.005	39	2.30	nd
01477120	TN	1973	2000	milligrams per liter as nitrogen	0.11	0.0042	6.3	0.23	nd	-0.0044	-0.00016	-2.1	-0.08	nd
01477120	TN	1973	2007	milligrams per liter as nitrogen	0.41	0.012	23	0.68	nd	0.02	6.00E-04	9.6	0.28	nd
01477120	TN	1973	2010	milligrams per liter as nitrogen	0.35	0.0094	20	0.53	nd	0.014	0.00037	6.3	0.17	nd
01477120	TN	1973	2011	milligrams per liter as nitrogen	0.33	0.0086	18	0.48	nd	0.011	3.00E-04	5.3	0.14	nd
01477120	TN	1973	2012	milligrams per liter as nitrogen	0.31	0.008	17	0.45	nd	0.0099	0.00025	4.6	0.12	nd
01477120	TN	1973	2016	milligrams per liter as nitrogen	0.24	0.0055	13	0.31	nd	0.0026	6.00E-05	1.2	0.03	nd
01477120	TN	1980	1990	milligrams per liter as nitrogen	0.31	0.031	15	1.5	nd	0.036	0.0036	14	1.40	nd
01477120	TN	1980	2000	milligrams per liter as nitrogen	-0.26	-0.013	-12	-0.61	nd	-0.053	-0.0026	-20	-1.00	nd
01477120	TN	1980	2007	milligrams per liter as nitrogen	0.035	0.0013	1.6	0.061	nd	-0.028	-0.001	-11	-0.40	nd
01477120	TN	1980	2010	milligrams per liter as nitrogen	-0.028	-0.00095	-1.3	-0.044	nd	-0.035	-0.0012	-13	-0.44	nd
01477120	TN	1980	2011	milligrams per liter as nitrogen	-0.049	-0.0016	-2.3	-0.074	0.58	-0.037	-0.0012	-14	-0.46	0.14
01477120	TN	1980	2012	milligrams per liter as nitrogen	-0.065	-0.002	-3	-0.094	nd	-0.039	-0.0012	-15	-0.46	nd
01477120	TN	1980	2016	milligrams per liter as nitrogen	-0.14	-0.0038	-6.3	-0.18	0.3	-0.046	-0.0013	-17	-0.49	0.1
01477120	TN	1990	2000	milligrams per liter as nitrogen	-0.58	-0.058	-23	-2.3	nd	-0.089	-0.0089	-30	-3.00	nd
01477120	TN	1990	2007	milligrams per liter as nitrogen	-0.28	-0.016	-11	-0.66	nd	-0.064	-0.0037	-21	-1.30	nd
01477120	TN	1990	2010	milligrams per liter as nitrogen	-0.34	-0.017	-14	-0.69	nd	-0.071	-0.0035	-24	-1.20	nd
01477120	TN	1990	2011	milligrams per liter as nitrogen	-0.36	-0.017	-15	-0.7	nd	-0.073	-0.0035	-24	-1.20	nd
01477120	TN	1990	2012	milligrams per liter as nitrogen	-0.38	-0.017	-15	-0.7	nd	-0.074	-0.0034	-25	-1.10	nd
01477120	TN	1990	2016	milligrams per liter as nitrogen	-0.45	-0.017	-18	-0.7	nd	-0.082	-0.0031	-27	-1.10	nd
01477120	TN	2000	2007	milligrams per liter as nitrogen	0.3	0.043	16	2.3	nd	0.025	0.0035	12	1.70	nd
01477120	TN	2000	2010	milligrams per liter as nitrogen	0.23	0.023	12	1.2	nd	0.018	0.0018	8.6	0.86	nd
01477120	TN	2000	2011	milligrams per liter as nitrogen	0.21	0.019	11	1	nd	0.016	0.0014	7.5	0.68	nd
01477120	TN	2000	2012	milligrams per liter as nitrogen	0.2	0.016	10	0.87	nd	0.014	0.0012	6.8	0.57	nd
01477120	TN	2000	2016	milligrams per liter as nitrogen	0.13	0.0079	6.7	0.42	nd	0.007	0.00044	3.3	0.21	nd
01477120	TN	2007	2010	milligrams per liter as nitrogen	-0.064	-0.021	-2.9	-0.97	nd	-0.0069	-0.0023	-3	-0.99	nd
01477120	TN	2007	2011	milligrams per liter as nitrogen	-0.084	-0.021	-3.9	-0.96	nd	-0.0092	-0.0023	-3.9	-0.98	nd
01477120	TN	2007	2012	milligrams per liter as nitrogen	-0.1	-0.02	-4.6	-0.92	nd	-0.011	-0.0021	-4.5	-0.90	nd
01477120	TN	2007	2016	milligrams per liter as nitrogen	-0.17	-0.019	-7.9	-0.87	0.055	-0.018	-0.002	-7.6	-0.85	0.12
01477120	TN	2010	2011	milligrams per liter as nitrogen	-0.021	-0.021	-0.97	-0.97	nd	-0.0023	-0.0023	-1	-1.00	nd
01477120	TN	2010	2012	milligrams per liter as nitrogen	-0.037	-0.018	-1.7	-0.86	nd	-0.0036	-0.0018	-1.6	-0.79	nd
01477120	TN	2010	2016	milligrams per liter as nitrogen	-0.11	-0.018	-5.1	-0.85	nd	-0.011	-0.0018	-4.8	-0.80	nd
01477120	TN	2011	2012	milligrams per liter as nitrogen	-0.016	-0.016	-0.76	-0.76	nd	-0.0013	-0.0013	-0.59	-0.59	nd
01477120	TN	2011	2016	milligrams per liter as nitrogen	-0.088	-0.018	-4.2	-0.83	nd	-0.0087	-0.0017	-3.9	-0.77	nd
01477120	TN	2012	2016	milligrams per liter as nitrogen	-0.072	-0.018	-3.4	-0.86	0.027	-0.0073	-0.0018	-3.3	-0.82	0.062
01457400	NO23	1976	1980	milligrams per liter as nitrogen	0.22	0.056	19	4.7	nd	0.14	0.036	17	4.30	nd
01457400	NO23	1976	1990	milligrams per liter as nitrogen	0.64	0.046	55	3.9	nd	0.44	0.031	53	3.80	nd
01457400	NO23	1976	2000	milligrams per liter as nitrogen	0.8	0.033	68	2.8	nd	0.48	0.02	58	2.40	nd
01457400	NO23	1976	2007	milligrams per liter as nitrogen	0.92	0.03	78	2.5	nd	0.55	0.018	66	2.10	nd
01457400	NO23	1976	2010	milligrams per liter as nitrogen	0.99	0.029	84	2.5	nd	0.6	0.018	72	2.10	nd
01457400	NO23	1976	2011	milligrams per liter as nitrogen	1	0.029	86	2.5	nd	0.61	0.017	73	2.10	nd
01457400	NO23	1976	2012	milligrams per liter as nitrogen	1	0.029	88	2.4	nd	0.62	0.017	75	2.10	nd
01457400	NO23	1976	2016	milligrams per liter as nitrogen	1.1	0.028	95	2.4	nd	0.67	0.017	81	2.00	nd
01457400	NO23	1980	1990	milligrams per liter as nitrogen	0.42	0.042	30	3	nd	0.29	0.029	30	3.00	nd
01457400	NO23	1980	2000	milligrams per liter as nitrogen	0.57	0.029	41	2.1	nd	0.33	0.017	34	1.70	nd
01457400	NO23	1980	2007	milligrams per liter as nitrogen	0.7	0.026	50	1.8	nd	0.41	0.015	42	1.50	nd
01457400	NO23	1980	2010	milligrams per liter as nitrogen	0.77	0.026	55	1.8	nd	0.45	0.015	46	1.50	nd
01457400	NO23	1980	2011	milligrams per liter as nitrogen	0.79	0.025	56	1.8	<0.02	0.47	0.015	48	1.50	<0.02
01457400	NO23	1980	2012	milligrams per liter as nitrogen	0.81	0.025	58	1.8	nd	0.48	0.015	49	1.50	nd
01457400	NO23	1980	2016	milligrams per liter as nitrogen	0.9	0.025	64	1.8	<0.02	0.53	0.015	54	1.50	<0.02
01457400	NO23	1990	2000	milligrams per liter as nitrogen	0.16	0.016	8.6	0.86	nd	0.04	0.004	3.2	0.32	nd
01457400	NO23	1990	2007	milligrams per liter as nitrogen	0.28	0.016	15	0.9	nd	0.11	0.0066	8.9	0.52	nd
01457400	NO23	1990	2010	milligrams per liter as nitrogen	0.35	0.017	19	0.96	nd	0.16	0.0079	12	0.62	nd
01457400	NO23	1990	2011	milligrams per liter as nitrogen	0.37	0.018	20	0.97	nd	0.17	0.0082	14	0.64	nd
01457400	NO23	1990	2012	milligrams per liter as nitrogen	0.39	0.018	22	0.98	nd	0.19	0.0085	15	0.67	nd
01457400	NO23	1990	2016	milligrams per liter as nitrogen	0.48	0.018	26	1	nd	0.24	0.0091	19	0.72	nd
01457400	NO23	2000	2007	milligrams per liter as nitrogen	0.12	0.018	6.2	0.89	nd	0.072	0.01	5.5	0.79	nd
01457400	NO23	2000	2010	milligrams per liter as nitrogen	0.19	0.019	9.7	0.97	nd	0.12	0.012	9	0.90	nd

01457400	NO23	2000	2011	milligrams per liter as nitrogen	0.21	0.019	11	0.98	nd	0.13	0.012	10	0.91	nd
01457400	NO23	2000	2012	milligrams per liter as nitrogen	0.24	0.02	12	1	nd	0.15	0.012	11	0.94	nd
01457400	NO23	2000	2016	milligrams per liter as nitrogen	0.32	0.02	16	1	nd	0.2	0.012	15	0.94	nd
01457400	NO23	2007	2010	milligrams per liter as nitrogen	0.069	0.023	3.3	1.1	nd	0.045	0.015	3.3	1.10	nd
01457400	NO23	2007	2011	milligrams per liter as nitrogen	0.09	0.023	4.3	1.1	nd	0.059	0.015	4.3	1.10	nd
01457400	NO23	2007	2012	milligrams per liter as nitrogen	0.11	0.023	5.4	1.1	nd	0.074	0.015	5.4	1.10	nd
01457400	NO23	2007	2016	milligrams per liter as nitrogen	0.2	0.022	9.5	1.1	0.047	0.12	0.014	8.9	0.99	0.083
01457400	NO23	2010	2011	milligrams per liter as nitrogen	0.021	0.021	0.97	0.97	nd	0.013	0.013	0.94	0.94	nd
01457400	NO23	2010	2012	milligrams per liter as nitrogen	0.045	0.022	2.1	1	nd	0.029	0.015	2	1.00	nd
01457400	NO23	2010	2016	milligrams per liter as nitrogen	0.13	0.022	6	1	nd	0.078	0.013	5.5	0.91	nd
01457400	NO23	2011	2012	milligrams per liter as nitrogen	0.024	0.024	1.1	1.1	nd	0.016	0.016	1.1	1.10	nd
01457400	NO23	2011	2016	milligrams per liter as nitrogen	0.11	0.022	5	0.99	nd	0.065	0.013	4.5	0.90	nd
01457400	NO23	2012	2016	milligrams per liter as nitrogen	0.085	0.021	3.8	0.96	0.074	0.049	0.012	3.4	0.84	0.12
01457400	TN	1976	1980	milligrams per liter as nitrogen	0.18	0.045	8.9	2.2	nd	0.12	0.029	8	2.00	nd
01457400	TN	1976	1990	milligrams per liter as nitrogen	0.56	0.04	27	2	nd	0.37	0.026	25	1.80	nd
01457400	TN	1976	2000	milligrams per liter as nitrogen	0.44	0.019	22	0.91	nd	0.23	0.0095	16	0.65	nd
01457400	TN	1976	2007	milligrams per liter as nitrogen	0.41	0.013	20	0.64	nd	0.2	0.0065	14	0.45	nd
01457400	TN	1976	2010	milligrams per liter as nitrogen	0.39	0.011	19	0.56	nd	0.19	0.0056	13	0.39	nd
01457400	TN	1976	2011	milligrams per liter as nitrogen	0.38	0.011	19	0.54	nd	0.19	0.0053	13	0.36	nd
01457400	TN	1976	2012	milligrams per liter as nitrogen	0.38	0.01	18	0.51	nd	0.18	0.0051	13	0.35	nd
01457400	TN	1976	2016	milligrams per liter as nitrogen	0.35	0.0088	17	0.43	nd	0.16	0.0041	11	0.28	nd
01457400	TN	1980	1990	milligrams per liter as nitrogen	0.38	0.038	17	1.7	nd	0.25	0.025	16	1.60	nd
01457400	TN	1980	2000	milligrams per liter as nitrogen	0.26	0.013	12	0.59	nd	0.11	0.0056	7.1	0.35	nd
01457400	TN	1980	2007	milligrams per liter as nitrogen	0.23	0.0083	10	0.37	nd	0.087	0.0032	5.5	0.20	nd
01457400	TN	1980	2010	milligrams per liter as nitrogen	0.21	0.0069	9.4	0.31	nd	0.075	0.0025	4.8	0.16	nd
01457400	TN	1980	2011	milligrams per liter as nitrogen	0.2	0.0065	9	0.29	0.13	0.069	0.0022	4.4	0.14	0.39
01457400	TN	1980	2012	milligrams per liter as nitrogen	0.2	0.0061	8.8	0.28	nd	0.068	0.0021	4.3	0.13	nd
01457400	TN	1980	2016	milligrams per liter as nitrogen	0.17	0.0047	7.7	0.21	0.22	0.048	0.0013	3.1	0.09	0.73
01457400	TN	1990	2000	milligrams per liter as nitrogen	-0.11	-0.011	-4.4	-0.44	nd	-0.14	-0.014	-7.8	-0.78	nd
01457400	TN	1990	2007	milligrams per liter as nitrogen	-0.15	-0.009	-5.9	-0.35	nd	-0.17	-0.0098	-9.1	-0.54	nd
01457400	TN	1990	2010	milligrams per liter as nitrogen	-0.17	-0.0085	-6.5	-0.33	nd	-0.18	-0.0089	-9.8	-0.49	nd
01457400	TN	1990	2011	milligrams per liter as nitrogen	-0.18	-0.0084	-6.8	-0.32	nd	-0.18	-0.0087	-10	-0.48	nd
01457400	TN	1990	2012	milligrams per liter as nitrogen	-0.18	-0.0083	-7	-0.32	nd	-0.18	-0.0084	-10	-0.46	nd
01457400	TN	1990	2016	milligrams per liter as nitrogen	-0.21	-0.008	-8	-0.31	nd	-0.2	-0.0079	-11	-0.43	nd
01457400	TN	2000	2007	milligrams per liter as nitrogen	-0.038	-0.0055	-1.5	-0.22	nd	-0.025	-0.0035	-1.5	-0.21	nd
01457400	TN	2000	2010	milligrams per liter as nitrogen	-0.055	-0.0055	-2.2	-0.22	nd	-0.036	-0.0036	-2.2	-0.22	nd
01457400	TN	2000	2011	milligrams per liter as nitrogen	-0.062	-0.0056	-2.5	-0.23	nd	-0.042	-0.0038	-2.5	-0.23	nd
01457400	TN	2000	2012	milligrams per liter as nitrogen	-0.067	-0.0056	-2.7	-0.22	nd	-0.043	-0.0036	-2.6	-0.21	nd
01457400	TN	2000	2016	milligrams per liter as nitrogen	-0.093	-0.0058	-3.7	-0.23	nd	-0.063	-0.0039	-3.8	-0.23	nd
01457400	TN	2007	2010	milligrams per liter as nitrogen	-0.017	-0.0057	-0.69	-0.23	nd	-0.012	-0.004	-0.72	-0.24	nd
01457400	TN	2007	2011	milligrams per liter as nitrogen	-0.024	-0.006	-0.97	-0.24	nd	-0.017	-0.0043	-1	-0.26	nd
01457400	TN	2007	2012	milligrams per liter as nitrogen	-0.029	-0.0057	-1.2	-0.23	nd	-0.019	-0.0038	-1.1	-0.23	nd
01457400	TN	2007	2016	milligrams per liter as nitrogen	-0.055	-0.0061	-2.2	-0.25	0.26	-0.039	-0.0043	-2.3	-0.26	0.3
01457400	TN	2010	2011	milligrams per liter as nitrogen	-0.0068	-0.0068	-0.28	-0.28	nd	-0.0053	-0.0053	-0.32	-0.32	nd
01457400	TN	2010	2012	milligrams per liter as nitrogen	-0.012	-0.0058	-0.48	-0.24	nd	-0.0069	-0.0034	-0.42	-0.21	nd
01457400	TN	2010	2016	milligrams per liter as nitrogen	-0.038	-0.0063	-1.5	-0.26	nd	-0.027	-0.0044	-1.6	-0.27	nd
01457400	TN	2011	2012	milligrams per liter as nitrogen	-0.0048	-0.0048	-0.2	-0.2	nd	-0.0016	-0.0016	-0.097	-0.10	nd
01457400	TN	2011	2016	milligrams per liter as nitrogen	-0.031	-0.0062	-1.3	-0.25	nd	-0.021	-0.0043	-1.3	-0.26	nd
01457400	TN	2012	2016	milligrams per liter as nitrogen	-0.026	-0.0065	-1.1	-0.27	0.17	-0.02	-0.005	-1.2	-0.30	0.21
01457400	TP	1977	1983	milligrams per liter as phosphorous	-0.018	-0.0029	-15	-2.4	nd	-0.0095	-0.0016	-11	-1.80	nd
01457400	TP	1977	1990	milligrams per liter as phosphorous	-0.041	-0.0032	-34	-2.6	nd	-0.012	-0.00093	-14	-1.10	nd
01457400	TP	1977	2000	milligrams per liter as phosphorous	-0.079	-0.0034	-66	-2.9	nd	-0.045	-0.002	-52	-2.30	nd
01457400	TP	1977	2007	milligrams per liter as phosphorous	-0.086	-0.0029	-71	-2.4	nd	-0.055	-0.0018	-62	-2.10	nd
01457400	TP	1977	2010	milligrams per liter as phosphorous	-0.086	-0.0026	-72	-2.2	nd	-0.056	-0.0017	-64	-1.90	nd
01457400	TP	1977	2011	milligrams per liter as phosphorous	-0.087	-0.0025	-72	-2.1	nd	-0.056	-0.0016	-64	-1.90	nd
01457400	TP	1977	2012	milligrams per liter as phosphorous	-0.086	-0.0025	-72	-2.1	nd	-0.056	-0.0016	-64	-1.80	nd
01457400	TP	1977	2016	milligrams per liter as phosphorous	-0.086	-0.0022	-72	-1.8	nd	-0.055	-0.0014	-63	-1.60	nd
01457400	TP	1983	1990	milligrams per liter as phosphorous	-0.023	-0.0033	-23	-3.2	nd	-0.0026	-0.00037	-3.3	-0.48	nd
01457400	TP	1983	2000	milligrams per liter as phosphorous	-0.062	-0.0036	-60	-3.5	nd	-0.036	-0.0021	-46	-2.70	nd
01457400	TP	1983	2007	milligrams per liter as phosphorous	-0.068	-0.0028	-66	-2.8	nd	-0.045	-0.0019	-58	-2.40	nd
01457400	TP	1983	2010	milligrams per liter as phosphorous	-0.069	-0.0025	-67	-2.5	nd	-0.046	-0.0017	-59	-2.20	nd
01457400	TP	1983	2011	milligrams per liter as phosphorous	-0.069	-0.0025	-67	-2.4	0.043	-0.047	-0.0017	-60	-2.10	0.15
01457400	TP	1983	2012	milligrams per liter as phosphorous	-0.069	-0.0024	-67	-2.3	nd	-0.046	-0.0016	-59	-2.00	nd
01457400	TP	1983	2016	milligrams per liter as phosphorous	-0.069	-0.0021	-67	-2	0.11	-0.046	-0.0014	-58	-1.80	0.15
01457400	TP	1990	2000	milligrams per liter as phosphorous	-0.038	-0.0038	-48	-4.8	nd	-0.033	-0.0033	-44	-4.40	nd

01457400	TP	1990	2007	milligrams per liter as phosphorous	-0.045	-0.0026	-56	-3.3	nd	-0.042	-0.0025	-56	-3.30	nd
01457400	TP	1990	2010	milligrams per liter as phosphorous	-0.045	-0.0023	-57	-2.9	nd	-0.044	-0.0022	-58	-2.90	nd
01457400	TP	1990	2011	milligrams per liter as phosphorous	-0.046	-0.0022	-58	-2.7	nd	-0.044	-0.0021	-58	-2.80	nd
01457400	TP	1990	2012	milligrams per liter as phosphorous	-0.045	-0.0021	-57	-2.6	nd	-0.043	-0.002	-58	-2.60	nd
01457400	TP	1990	2016	milligrams per liter as phosphorous	-0.045	-0.0017	-57	-2.2	nd	-0.043	-0.0017	-57	-2.20	nd
01457400	TP	2000	2007	milligrams per liter as phosphorous	-0.0064	-0.00092	-16	-2.2	nd	-0.0092	-0.0013	-22	-3.10	nd
01457400	TP	2000	2010	milligrams per liter as phosphorous	-0.0072	-0.00072	-17	-1.7	nd	-0.01	-0.001	-25	-2.50	nd
01457400	TP	2000	2011	milligrams per liter as phosphorous	-0.0074	-0.00068	-18	-1.6	nd	-0.011	-0.00097	-25	-2.30	nd
01457400	TP	2000	2012	milligrams per liter as phosphorous	-0.0071	-6.00E-04	-17	-1.5	nd	-0.01	-0.00084	-24	-2.00	nd
01457400	TP	2000	2016	milligrams per liter as phosphorous	-0.0071	-0.00044	-17	-1.1	nd	-0.0097	-0.00061	-23	-1.40	nd
01457400	TP	2007	2010	milligrams per liter as phosphorous	-0.00074	-0.00025	-2.1	-0.71	nd	-0.0012	-4.00E-04	-3.6	-1.20	nd
01457400	TP	2007	2011	milligrams per liter as phosphorous	-0.00099	-0.00025	-2.9	-0.71	nd	-0.0015	-0.00038	-4.6	-1.10	nd
01457400	TP	2007	2012	milligrams per liter as phosphorous	-0.00071	-0.00014	-2	-0.41	nd	-0.00097	-0.00019	-2.9	-0.59	nd
01457400	TP	2007	2016	milligrams per liter as phosphorous	-0.00062	-6.90E-05	-1.8	-0.2	0.84	-0.00053	-5.90E-05	-1.6	-0.18	0.79
01457400	TP	2010	2011	milligrams per liter as phosphorous	-0.00025	-0.00025	-0.74	-0.74	nd	-0.00031	-0.00031	-0.97	-0.97	nd
01457400	TP	2010	2012	milligrams per liter as phosphorous	3.00E-05	1.50E-05	0.09	0.045	nd	0.00023	0.00011	0.72	0.36	nd
01457400	TP	2010	2016	milligrams per liter as phosphorous	0.00012	1.90E-05	0.34	0.057	nd	0.00066	0.00011	2.1	0.35	nd
01457400	TP	2011	2012	milligrams per liter as phosphorous	0.00028	0.00028	0.84	0.84	nd	0.00054	0.00054	1.7	1.70	nd
01457400	TP	2011	2016	milligrams per liter as phosphorous	0.00037	7.30E-05	1.1	0.22	nd	0.00097	0.00019	3.1	0.62	nd
01457400	TP	2012	2016	milligrams per liter as phosphorous	8.50E-05	2.10E-05	0.25	0.063	0.89	0.00043	0.00011	1.4	0.34	0.84
01399780	NO23	1976	1980	milligrams per liter as nitrogen	0.14	0.036	20	5	nd	nd	nd	nd	nd	nd
01399780	NO23	1976	1990	milligrams per liter as nitrogen	0.22	0.016	31	2.2	nd	nd	nd	nd	nd	nd
01399780	NO23	1976	2000	milligrams per liter as nitrogen	0.22	0.0092	31	1.3	nd	nd	nd	nd	nd	nd
01399780	NO23	1976	2007	milligrams per liter as nitrogen	0.26	0.0085	36	1.2	nd	nd	nd	nd	nd	nd
01399780	NO23	1976	2010	milligrams per liter as nitrogen	0.29	0.0084	40	1.2	nd	nd	nd	nd	nd	nd
01399780	NO23	1976	2011	milligrams per liter as nitrogen	0.3	0.0085	41	1.2	nd	nd	nd	nd	nd	nd
01399780	NO23	1976	2012	milligrams per liter as nitrogen	0.31	0.0087	43	1.2	nd	nd	nd	nd	nd	nd
01399780	NO23	1976	2016	milligrams per liter as nitrogen	0.36	0.0091	50	1.3	nd	nd	nd	nd	nd	nd
01399780	NO23	1980	1990	milligrams per liter as nitrogen	0.08	0.008	9.2	0.92	nd	nd	nd	nd	nd	nd
01399780	NO23	1980	2000	milligrams per liter as nitrogen	0.078	0.0039	9	0.45	nd	nd	nd	nd	nd	nd
01399780	NO23	1980	2007	milligrams per liter as nitrogen	0.12	0.0045	14	0.51	nd	nd	nd	nd	nd	nd
01399780	NO23	1980	2010	milligrams per liter as nitrogen	0.14	0.0047	16	0.55	nd	nd	nd	nd	nd	nd
01399780	NO23	1980	2011	milligrams per liter as nitrogen	0.15	0.005	18	0.57	0.15	nd	nd	nd	nd	nd
01399780	NO23	1980	2012	milligrams per liter as nitrogen	0.17	0.0053	19	0.61	nd	nd	nd	nd	nd	nd
01399780	NO23	1980	2016	milligrams per liter as nitrogen	0.22	0.0061	25	0.7	-0.02	nd	nd	nd	nd	nd
01399780	NO23	1990	2000	milligrams per liter as nitrogen	-0.0022	-0.00022	-0.23	-0.023	nd	nd	nd	nd	nd	nd
01399780	NO23	1990	2007	milligrams per liter as nitrogen	0.04	0.0024	4.2	0.25	nd	nd	nd	nd	nd	nd
01399780	NO23	1990	2010	milligrams per liter as nitrogen	0.062	0.0031	6.6	0.33	nd	nd	nd	nd	nd	nd
01399780	NO23	1990	2011	milligrams per liter as nitrogen	0.074	0.0035	7.8	0.37	nd	nd	nd	nd	nd	nd
01399780	NO23	1990	2012	milligrams per liter as nitrogen	0.088	0.004	9.3	0.42	nd	nd	nd	nd	nd	nd
01399780	NO23	1990	2016	milligrams per liter as nitrogen	0.14	0.0054	15	0.57	nd	nd	nd	nd	nd	nd
01399780	NO23	2000	2007	milligrams per liter as nitrogen	0.042	0.006	4.5	0.64	nd	nd	nd	nd	nd	nd
01399780	NO23	2000	2010	milligrams per liter as nitrogen	0.064	0.0064	6.8	0.68	nd	nd	nd	nd	nd	nd
01399780	NO23	2000	2011	milligrams per liter as nitrogen	0.076	0.0069	8	0.73	nd	nd	nd	nd	nd	nd
01399780	NO23	2000	2012	milligrams per liter as nitrogen	0.09	0.0075	9.6	0.8	nd	nd	nd	nd	nd	nd
01399780	NO23	2000	2016	milligrams per liter as nitrogen	0.14	0.0089	15	0.94	nd	nd	nd	nd	nd	nd
01399780	NO23	2007	2010	milligrams per liter as nitrogen	0.022	0.0074	2.2	0.75	nd	nd	nd	nd	nd	nd
01399780	NO23	2007	2011	milligrams per liter as nitrogen	0.034	0.0085	3.4	0.86	nd	nd	nd	nd	nd	nd
01399780	NO23	2007	2012	milligrams per liter as nitrogen	0.048	0.0096	4.9	0.98	nd	nd	nd	nd	nd	nd
01399780	NO23	2007	2016	milligrams per liter as nitrogen	0.1	0.011	10	1.1	0.18	nd	nd	nd	nd	nd
01399780	NO23	2010	2011	milligrams per liter as nitrogen	0.012	0.012	1.2	1.2	nd	nd	nd	nd	nd	nd
01399780	NO23	2010	2012	milligrams per liter as nitrogen	0.026	0.013	2.6	1.3	nd	nd	nd	nd	nd	nd
01399780	NO23	2010	2016	milligrams per liter as nitrogen	0.078	0.013	7.7	1.3	nd	nd	nd	nd	nd	nd
01399780	NO23	2011	2012	milligrams per liter as nitrogen	0.014	0.014	1.4	1.4	nd	nd	nd	nd	nd	nd
01399780	NO23	2011	2016	milligrams per liter as nitrogen	0.066	0.013	6.5	1.3	nd	nd	nd	nd	nd	nd
01399780	NO23	2012	2016	milligrams per liter as nitrogen	0.052	0.013	5	1.2	0.16	nd	nd	nd	nd	nd
01399780	TN	1976	1980	milligrams per liter as nitrogen	0.017	0.0041	1.2	0.29	nd	nd	nd	nd	nd	nd
01399780	TN	1976	1990	milligrams per liter as nitrogen	-0.035	-0.0025	-2.5	-0.18	nd	nd	nd	nd	nd	nd
01399780	TN	1976	2000	milligrams per liter as nitrogen	-0.2	-0.0082	-14	-0.58	nd	nd	nd	nd	nd	nd
01399780	TN	1976	2007	milligrams per liter as nitrogen	-0.22	-0.007	-15	-0.49	nd	nd	nd	nd	nd	nd
01399780	TN	1976	2010	milligrams per liter as nitrogen	-0.23	-0.0068	-16	-0.48	nd	nd	nd	nd	nd	nd
01399780	TN	1976	2011	milligrams per liter as nitrogen	-0.23	-0.0067	-16	-0.47	nd	nd	nd	nd	nd	nd
01399780	TN	1976	2012	milligrams per liter as nitrogen	-0.23	-0.0065	-16	-0.46	nd	nd	nd	nd	nd	nd
01399780	TN	1976	2016	milligrams per liter as nitrogen	-0.24	-0.006	-17	-0.42	nd	nd	nd	nd	nd	nd
01399780	TN	1980	1990	milligrams per liter as nitrogen	-0.052	-0.0052	-3.6	-0.36	nd	nd	nd	nd	nd	nd

01399780	TN	1980	2000	milligrams per liter as nitrogen	-0.21	-0.011	-15	-0.75	nd	nd	nd	nd	nd	nd
01399780	TN	1980	2007	milligrams per liter as nitrogen	-0.23	-0.0087	-16	-0.6	nd	nd	nd	nd	nd	nd
01399780	TN	1980	2010	milligrams per liter as nitrogen	-0.25	-0.0083	-17	-0.58	nd	nd	nd	nd	nd	nd
01399780	TN	1980	2011	milligrams per liter as nitrogen	-0.25	-0.0081	-17	-0.56	0.11	nd	nd	nd	nd	nd
01399780	TN	1980	2012	milligrams per liter as nitrogen	-0.25	-0.0078	-17	-0.54	nd	nd	nd	nd	nd	nd
01399780	TN	1980	2016	milligrams per liter as nitrogen	-0.26	-0.0071	-18	-0.49	0.074	nd	nd	nd	nd	nd
01399780	TN	1990	2000	milligrams per liter as nitrogen	-0.16	-0.016	-12	-1.2	nd	nd	nd	nd	nd	nd
01399780	TN	1990	2007	milligrams per liter as nitrogen	-0.18	-0.011	-13	-0.77	nd	nd	nd	nd	nd	nd
01399780	TN	1990	2010	milligrams per liter as nitrogen	-0.2	-0.0099	-14	-0.71	nd	nd	nd	nd	nd	nd
01399780	TN	1990	2011	milligrams per liter as nitrogen	-0.2	-0.0094	-14	-0.68	nd	nd	nd	nd	nd	nd
01399780	TN	1990	2012	milligrams per liter as nitrogen	-0.2	-0.009	-14	-0.65	nd	nd	nd	nd	nd	nd
01399780	TN	1990	2016	milligrams per liter as nitrogen	-0.2	-0.0078	-15	-0.57	nd	nd	nd	nd	nd	nd
01399780	TN	2000	2007	milligrams per liter as nitrogen	-0.019	-0.0028	-1.6	-0.23	nd	nd	nd	nd	nd	nd
01399780	TN	2000	2010	milligrams per liter as nitrogen	-0.035	-0.0035	-2.9	-0.29	nd	nd	nd	nd	nd	nd
01399780	TN	2000	2011	milligrams per liter as nitrogen	-0.036	-0.0033	-2.9	-0.27	nd	nd	nd	nd	nd	nd
01399780	TN	2000	2012	milligrams per liter as nitrogen	-0.035	-0.0029	-2.9	-0.24	nd	nd	nd	nd	nd	nd
01399780	TN	2000	2016	milligrams per liter as nitrogen	-0.041	-0.0025	-3.3	-0.21	nd	nd	nd	nd	nd	nd
01399780	TN	2007	2010	milligrams per liter as nitrogen	-0.016	-0.0052	-1.3	-0.43	nd	nd	nd	nd	nd	nd
01399780	TN	2007	2011	milligrams per liter as nitrogen	-0.016	-0.0041	-1.4	-0.34	nd	nd	nd	nd	nd	nd
01399780	TN	2007	2012	milligrams per liter as nitrogen	-0.016	-0.0032	-1.3	-0.27	nd	nd	nd	nd	nd	nd
01399780	TN	2007	2016	milligrams per liter as nitrogen	-0.021	-0.0024	-1.8	-0.2	0.64	nd	nd	nd	nd	nd
01399780	TN	2010	2011	milligrams per liter as nitrogen	-0.00087	-0.00087	-0.074	-0.074	nd	nd	nd	nd	nd	nd
01399780	TN	2010	2012	milligrams per liter as nitrogen	-0.00034	-0.00017	-0.028	-0.014	nd	nd	nd	nd	nd	nd
01399780	TN	2010	2016	milligrams per liter as nitrogen	-0.0059	-0.00098	-0.5	-0.083	nd	nd	nd	nd	nd	nd
01399780	TN	2011	2012	milligrams per liter as nitrogen	0.00054	0.00054	0.046	0.046	nd	nd	nd	nd	nd	nd
01399780	TN	2011	2016	milligrams per liter as nitrogen	-0.005	-0.001	-0.42	-0.084	nd	nd	nd	nd	nd	nd
01399780	TN	2012	2016	milligrams per liter as nitrogen	-0.0055	-0.0014	-0.47	-0.12	0.82	nd	nd	nd	nd	nd
01399780	TP	1976	1983	milligrams per liter as phosphorous	-6.00E-04	-8.60E-05	-0.68	-0.097	nd	nd	nd	nd	nd	nd
01399780	TP	1976	1990	milligrams per liter as phosphorous	-0.0024	-0.00017	-2.7	-0.19	nd	nd	nd	nd	nd	nd
01399780	TP	1976	2000	milligrams per liter as phosphorous	-0.012	-5.00E-04	-14	-0.57	nd	nd	nd	nd	nd	nd
01399780	TP	1976	2007	milligrams per liter as phosphorous	-0.024	-0.00077	-27	-0.87	nd	nd	nd	nd	nd	nd
01399780	TP	1976	2010	milligrams per liter as phosphorous	-0.028	-0.00083	-32	-0.93	nd	nd	nd	nd	nd	nd
01399780	TP	1976	2011	milligrams per liter as phosphorous	-0.029	-0.00082	-33	-0.93	nd	nd	nd	nd	nd	nd
01399780	TP	1976	2012	milligrams per liter as phosphorous	-0.029	-0.00081	-33	-0.92	nd	nd	nd	nd	nd	nd
01399780	TP	1976	2016	milligrams per liter as phosphorous	-0.032	-8.00E-04	-36	-0.9	nd	nd	nd	nd	nd	nd
01399780	TP	1983	1990	milligrams per liter as phosphorous	-0.0018	-0.00026	-2	-0.29	nd	nd	nd	nd	nd	nd
01399780	TP	1983	2000	milligrams per liter as phosphorous	-0.012	-0.00068	-13	-0.77	nd	nd	nd	nd	nd	nd
01399780	TP	1983	2007	milligrams per liter as phosphorous	-0.023	-0.00097	-26	-1.1	nd	nd	nd	nd	nd	nd
01399780	TP	1983	2010	milligrams per liter as phosphorous	-0.028	-0.001	-31	-1.2	nd	nd	nd	nd	nd	nd
01399780	TP	1983	2011	milligrams per liter as phosphorous	-0.028	-0.001	-32	-1.1	<0.02	nd	nd	nd	nd	nd
01399780	TP	1983	2012	milligrams per liter as phosphorous	-0.029	-0.00099	-33	-1.1	nd	nd	nd	nd	nd	nd
01399780	TP	1983	2016	milligrams per liter as phosphorous	-0.031	-0.00095	-36	-1.1	0.033	nd	nd	nd	nd	nd
01399780	TP	1990	2000	milligrams per liter as phosphorous	-0.0097	-0.00097	-11	-1.1	nd	nd	nd	nd	nd	nd
01399780	TP	1990	2007	milligrams per liter as phosphorous	-0.022	-0.0013	-25	-1.5	nd	nd	nd	nd	nd	nd
01399780	TP	1990	2010	milligrams per liter as phosphorous	-0.026	-0.0013	-30	-1.5	nd	nd	nd	nd	nd	nd
01399780	TP	1990	2011	milligrams per liter as phosphorous	-0.026	-0.0013	-31	-1.5	nd	nd	nd	nd	nd	nd
01399780	TP	1990	2012	milligrams per liter as phosphorous	-0.027	-0.0012	-31	-1.4	nd	nd	nd	nd	nd	nd
01399780	TP	1990	2016	milligrams per liter as phosphorous	-0.03	-0.0011	-34	-1.3	nd	nd	nd	nd	nd	nd
01399780	TP	2000	2007	milligrams per liter as phosphorous	-0.012	-0.0017	-15	-2.2	nd	nd	nd	nd	nd	nd
01399780	TP	2000	2010	milligrams per liter as phosphorous	-0.016	-0.0016	-21	-2.1	nd	nd	nd	nd	nd	nd
01399780	TP	2000	2011	milligrams per liter as phosphorous	-0.017	-0.0015	-22	-2	nd	nd	nd	nd	nd	nd
01399780	TP	2000	2012	milligrams per liter as phosphorous	-0.017	-0.0014	-22	-1.9	nd	nd	nd	nd	nd	nd
01399780	TP	2000	2016	milligrams per liter as phosphorous	-0.02	-0.0012	-26	-1.6	nd	nd	nd	nd	nd	nd
01399780	TP	2007	2010	milligrams per liter as phosphorous	-0.0042	-0.0014	-6.5	-2.2	nd	nd	nd	nd	nd	nd
01399780	TP	2007	2011	milligrams per liter as phosphorous	-0.0049	-0.0012	-7.6	-1.9	nd	nd	nd	nd	nd	nd
01399780	TP	2007	2012	milligrams per liter as phosphorous	-0.0053	-0.0011	-8.3	-1.7	nd	nd	nd	nd	nd	nd
01399780	TP	2007	2016	milligrams per liter as phosphorous	-0.008	-0.00089	-12	-1.4	0.03	nd	nd	nd	nd	nd
01399780	TP	2010	2011	milligrams per liter as phosphorous	-0.00071	-0.00071	-1.2	-1.2	nd	nd	nd	nd	nd	nd
01399780	TP	2010	2012	milligrams per liter as phosphorous	-0.0011	-0.00057	-1.9	-0.93	nd	nd	nd	nd	nd	nd
01399780	TP	2010	2016	milligrams per liter as phosphorous	-0.0038	-0.00064	-6.3	-1.1	nd	nd	nd	nd	nd	nd
01399780	TP	2011	2012	milligrams per liter as phosphorous	-0.00042	-0.00042	-0.71	-0.71	nd	nd	nd	nd	nd	nd
01399780	TP	2011	2016	milligrams per liter as phosphorous	-0.0031	-0.00062	-5.2	-1	nd	nd	nd	nd	nd	nd
01399780	TP	2012	2016	milligrams per liter as phosphorous	-0.0027	-0.00067	-4.5	-1.1	0.16	nd	nd	nd	nd	nd
01394500	NO23	1980	1990	milligrams per liter as nitrogen	0.039	0.0039	3	0.3	nd	-0.0048	-0.00048	-4.2	-0.42	nd
01394500	NO23	1980	2000	milligrams per liter as nitrogen	-0.043	-0.0021	-3.3	-0.16	nd	-0.014	-0.00069	-12	-0.61	nd

01394500	NO23	1980	2007	milligrams per liter as nitrogen	-0.12	-0.0043	-8.8	-0.33	nd	-0.02	-0.00073	-17	-0.64	nd
01394500	NO23	1980	2010	milligrams per liter as nitrogen	-0.14	-0.0048	-11	-0.37	nd	-0.022	-0.00073	-19	-0.64	nd
01394500	NO23	1980	2011	milligrams per liter as nitrogen	-0.16	-0.0051	-12	-0.39	0.15	-0.023	-0.00073	-20	-0.64	0.1
01394500	NO23	1980	2012	milligrams per liter as nitrogen	-0.17	-0.0054	-13	-0.41	nd	-0.023	-0.00073	-21	-0.64	nd
01394500	NO23	1980	2016	milligrams per liter as nitrogen	-0.22	-0.0061	-17	-0.46	0.11	-0.026	-0.00072	-23	-0.64	0.053
01394500	NO23	1990	2000	milligrams per liter as nitrogen	-0.082	-0.0082	-6.1	-0.61	nd	-0.009	-9.00E-04	-8.3	-0.83	nd
01394500	NO23	1990	2007	milligrams per liter as nitrogen	-0.15	-0.0091	-11	-0.67	nd	-0.015	-0.00087	-14	-0.80	nd
01394500	NO23	1990	2010	milligrams per liter as nitrogen	-0.18	-0.0092	-14	-0.68	nd	-0.017	-0.00086	-16	-0.79	nd
01394500	NO23	1990	2011	milligrams per liter as nitrogen	-0.2	-0.0094	-15	-0.69	nd	-0.018	-0.00085	-16	-0.78	nd
01394500	NO23	1990	2012	milligrams per liter as nitrogen	-0.21	-0.0096	-16	-0.71	nd	-0.019	-0.00085	-17	-0.78	nd
01394500	NO23	1990	2016	milligrams per liter as nitrogen	-0.26	-0.0099	-19	-0.73	nd	-0.021	-0.00082	-20	-0.75	nd
01394500	NO23	2000	2007	milligrams per liter as nitrogen	-0.073	-0.01	-5.7	-0.82	nd	-0.0059	-0.00084	-5.9	-0.84	nd
01394500	NO23	2000	2010	milligrams per liter as nitrogen	-0.1	-0.01	-8	-0.8	nd	-0.0082	-0.00082	-8.2	-0.82	nd
01394500	NO23	2000	2011	milligrams per liter as nitrogen	-0.12	-0.01	-9.1	-0.82	nd	-0.0089	-0.00081	-9	-0.81	nd
01394500	NO23	2000	2012	milligrams per liter as nitrogen	-0.13	-0.011	-10	-0.84	nd	-0.0096	-8.00E-04	-9.7	-0.80	nd
01394500	NO23	2000	2016	milligrams per liter as nitrogen	-0.18	-0.011	-14	-0.86	nd	-0.012	-0.00077	-12	-0.77	nd
01394500	NO23	2007	2010	milligrams per liter as nitrogen	-0.03	-0.0098	-2.5	-0.82	nd	-0.0023	-0.00077	-2.5	-0.82	nd
01394500	NO23	2007	2011	milligrams per liter as nitrogen	-0.043	-0.011	-3.6	-0.89	nd	-0.0031	-0.00077	-3.3	-0.82	nd
01394500	NO23	2007	2012	milligrams per liter as nitrogen	-0.056	-0.011	-4.7	-0.94	nd	-0.0038	-0.00076	-4	-0.80	nd
01394500	NO23	2007	2016	milligrams per liter as nitrogen	-0.1	-0.011	-8.6	-0.95	0.063	-0.0064	-0.00071	-6.8	-0.76	0.095
01394500	NO23	2010	2011	milligrams per liter as nitrogen	-0.013	-0.013	-1.1	-1.1	nd	-0.00077	-0.00077	-0.84	-0.84	nd
01394500	NO23	2010	2012	milligrams per liter as nitrogen	-0.027	-0.013	-2.3	-1.1	nd	-0.0015	-0.00073	-1.6	-0.80	nd
01394500	NO23	2010	2016	milligrams per liter as nitrogen	-0.073	-0.012	-6.3	-1	nd	-0.0041	-0.00069	-4.5	-0.75	nd
01394500	NO23	2011	2012	milligrams per liter as nitrogen	-0.014	-0.014	-1.2	-1.2	nd	-0.00069	-0.00069	-0.76	-0.76	nd
01394500	NO23	2011	2016	milligrams per liter as nitrogen	-0.06	-0.012	-5.2	-1	nd	-0.0033	-0.00067	-3.7	-0.74	nd
01394500	NO23	2012	2016	milligrams per liter as nitrogen	-0.047	-0.012	-4.1	-1	0.036	-0.0027	-0.00066	-2.9	-0.73	0.15
01394500	TN	1980	1990	milligrams per liter as nitrogen	-0.14	-0.014	-6.5	-0.65	nd	-0.017	-0.0017	-8.3	-0.83	nd
01394500	TN	1980	2000	milligrams per liter as nitrogen	-0.35	-0.017	-17	-0.84	nd	-0.032	-0.0016	-16	-0.80	nd
01394500	TN	1980	2007	milligrams per liter as nitrogen	-0.49	-0.018	-24	-0.88	nd	-0.048	-0.0018	-24	-0.89	nd
01394500	TN	1980	2010	milligrams per liter as nitrogen	-0.54	-0.018	-26	-0.88	nd	-0.055	-0.0018	-28	-0.92	nd
01394500	TN	1980	2011	milligrams per liter as nitrogen	-0.56	-0.018	-27	-0.87	<0.02	-0.057	-0.0018	-28	-0.91	0.026
01394500	TN	1980	2012	milligrams per liter as nitrogen	-0.58	-0.018	-28	-0.88	nd	-0.059	-0.0018	-29	-0.91	nd
01394500	TN	1980	2016	milligrams per liter as nitrogen	-0.65	-0.018	-31	-0.87	<0.02	-0.065	-0.0018	-32	-0.89	<0.02
01394500	TN	1990	2000	milligrams per liter as nitrogen	-0.21	-0.021	-11	-1.1	nd	-0.016	-0.0016	-8.4	-0.84	nd
01394500	TN	1990	2007	milligrams per liter as nitrogen	-0.36	-0.021	-18	-1.1	nd	-0.032	-0.0019	-17	-1.00	nd
01394500	TN	1990	2010	milligrams per liter as nitrogen	-0.41	-0.02	-21	-1.1	nd	-0.039	-0.0019	-21	-1.10	nd
01394500	TN	1990	2011	milligrams per liter as nitrogen	-0.43	-0.02	-22	-1	nd	-0.04	-0.0019	-22	-1.00	nd
01394500	TN	1990	2012	milligrams per liter as nitrogen	-0.44	-0.02	-23	-1	nd	-0.042	-0.0019	-23	-1.00	nd
01394500	TN	1990	2016	milligrams per liter as nitrogen	-0.51	-0.02	-26	-1	nd	-0.048	-0.0018	-26	-1.00	nd
01394500	TN	2000	2007	milligrams per liter as nitrogen	-0.14	-0.021	-8.4	-1.2	nd	-0.016	-0.0023	-9.6	-1.40	nd
01394500	TN	2000	2010	milligrams per liter as nitrogen	-0.2	-0.02	-11	-1.1	nd	-0.023	-0.0023	-14	-1.40	nd
01394500	TN	2000	2011	milligrams per liter as nitrogen	-0.21	-0.019	-12	-1.1	nd	-0.025	-0.0022	-15	-1.30	nd
01394500	TN	2000	2012	milligrams per liter as nitrogen	-0.23	-0.019	-14	-1.1	nd	-0.026	-0.0022	-16	-1.30	nd
01394500	TN	2000	2016	milligrams per liter as nitrogen	-0.3	-0.019	-17	-1.1	nd	-0.032	-0.002	-19	-1.20	nd
01394500	TN	2007	2010	milligrams per liter as nitrogen	-0.052	-0.017	-3.3	-1.1	nd	-0.0071	-0.0024	-4.6	-1.50	nd
01394500	TN	2007	2011	milligrams per liter as nitrogen	-0.07	-0.017	-4.4	-1.1	nd	-0.0086	-0.0022	-5.7	-1.40	nd
01394500	TN	2007	2012	milligrams per liter as nitrogen	-0.088	-0.018	-5.6	-1.1	nd	-0.01	-0.0021	-6.8	-1.40	nd
01394500	TN	2007	2016	milligrams per liter as nitrogen	-0.15	-0.017	-9.7	-1.1	<0.02	-0.016	-0.0018	-11	-1.20	<0.02
01394500	TN	2010	2011	milligrams per liter as nitrogen	-0.017	-0.017	-1.1	-1.1	nd	-0.0016	-0.0016	-1.1	-1.10	nd
01394500	TN	2010	2012	milligrams per liter as nitrogen	-0.036	-0.018	-2.3	-1.2	nd	-0.0033	-0.0016	-2.3	-1.10	nd
01394500	TN	2010	2016	milligrams per liter as nitrogen	-0.1	-0.017	-6.6	-1.1	nd	-0.0093	-0.0015	-6.4	-1.10	nd
01394500	TN	2011	2012	milligrams per liter as nitrogen	-0.019	-0.019	-1.2	-1.2	nd	-0.0017	-0.0017	-1.2	-1.20	nd
01394500	TN	2011	2016	milligrams per liter as nitrogen	-0.084	-0.017	-5.5	-1.1	nd	-0.0077	-0.0015	-5.4	-1.10	nd
01394500	TN	2012	2016	milligrams per liter as nitrogen	-0.065	-0.016	-4.4	-1.1	<0.02	-0.006	-0.0015	-4.2	-1.10	<0.02
01405340	NO23	1976	1980	milligrams per liter as nitrogen	0.12	0.03	17	4.2	nd	nd	nd	nd	nd	nd
01405340	NO23	1976	1990	milligrams per liter as nitrogen	0.28	0.02	39	2.8	nd	nd	nd	nd	nd	nd
01405340	NO23	1976	2000	milligrams per liter as nitrogen	0.11	0.0046	16	0.65	nd	nd	nd	nd	nd	nd
01405340	NO23	1976	2007	milligrams per liter as nitrogen	0.12	0.0039	17	0.54	nd	nd	nd	nd	nd	nd
01405340	NO23	1976	2010	milligrams per liter as nitrogen	0.11	0.0032	15	0.45	nd	nd	nd	nd	nd	nd
01405340	NO23	1976	2011	milligrams per liter as nitrogen	0.1	0.0029	14	0.4	nd	nd	nd	nd	nd	nd
01405340	NO23	1976	2012	milligrams per liter as nitrogen	0.095	0.0026	13	0.37	nd	nd	nd	nd	nd	nd
01405340	NO23	1976	2016	milligrams per liter as nitrogen	0.063	0.0016	8.8	0.22	nd	nd	nd	nd	nd	nd
01405340	NO23	1980	1990	milligrams per liter as nitrogen	0.16	0.016	19	1.9	nd	nd	nd	nd	nd	nd
01405340	NO23	1980	2000	milligrams per liter as nitrogen	-0.0094	-0.00047	-1.1	-0.056	nd	nd	nd	nd	nd	nd
01405340	NO23	1980	2007	milligrams per liter as nitrogen	3.20E-05	1.20E-06	0.0038	0.00014	nd	nd	nd	nd	nd	nd

01405340	NO23	1980	2010	milligrams per liter as nitrogen	-0.012	-4.00E-04	-1.4	-0.048	nd	nd	nd	nd	nd	nd
01405340	NO23	1980	2011	milligrams per liter as nitrogen	-0.02	-0.00063	-2.3	-0.076	0.91	nd	nd	nd	nd	nd
01405340	NO23	1980	2012	milligrams per liter as nitrogen	-0.025	-8.00E-04	-3	-0.095	nd	nd	nd	nd	nd	nd
01405340	NO23	1980	2016	milligrams per liter as nitrogen	-0.057	-0.0016	-6.8	-0.19	0.38	nd	nd	nd	nd	nd
01405340	NO23	1990	2000	milligrams per liter as nitrogen	-0.17	-0.017	-17	-1.7	nd	nd	nd	nd	nd	nd
01405340	NO23	1990	2007	milligrams per liter as nitrogen	-0.16	-0.0094	-16	-0.94	nd	nd	nd	nd	nd	nd
01405340	NO23	1990	2010	milligrams per liter as nitrogen	-0.17	-0.0086	-17	-0.86	nd	nd	nd	nd	nd	nd
01405340	NO23	1990	2011	milligrams per liter as nitrogen	-0.18	-0.0085	-18	-0.86	nd	nd	nd	nd	nd	nd
01405340	NO23	1990	2012	milligrams per liter as nitrogen	-0.19	-0.0084	-19	-0.85	nd	nd	nd	nd	nd	nd
01405340	NO23	1990	2016	milligrams per liter as nitrogen	-0.22	-0.0084	-22	-0.84	nd	nd	nd	nd	nd	nd
01405340	NO23	2000	2007	milligrams per liter as nitrogen	0.0095	0.0014	1.1	0.16	nd	nd	nd	nd	nd	nd
01405340	NO23	2000	2010	milligrams per liter as nitrogen	-0.0025	-0.00025	-0.3	-0.03	nd	nd	nd	nd	nd	nd
01405340	NO23	2000	2011	milligrams per liter as nitrogen	-0.01	-0.00093	-1.2	-0.11	nd	nd	nd	nd	nd	nd
01405340	NO23	2000	2012	milligrams per liter as nitrogen	-0.016	-0.0013	-1.9	-0.16	nd	nd	nd	nd	nd	nd
01405340	NO23	2000	2016	milligrams per liter as nitrogen	-0.048	-0.003	-5.8	-0.36	nd	nd	nd	nd	nd	nd
01405340	NO23	2007	2010	milligrams per liter as nitrogen	-0.012	-0.004	-1.4	-0.48	nd	nd	nd	nd	nd	nd
01405340	NO23	2007	2011	milligrams per liter as nitrogen	-0.02	-0.0049	-2.3	-0.59	nd	nd	nd	nd	nd	nd
01405340	NO23	2007	2012	milligrams per liter as nitrogen	-0.026	-0.0051	-3	-0.61	nd	nd	nd	nd	nd	nd
01405340	NO23	2007	2016	milligrams per liter as nitrogen	-0.057	-0.0064	-6.8	-0.76	0.084	nd	nd	nd	nd	nd
01405340	NO23	2010	2011	milligrams per liter as nitrogen	-0.0077	-0.0077	-0.93	-0.93	nd	nd	nd	nd	nd	nd
01405340	NO23	2010	2012	milligrams per liter as nitrogen	-0.014	-0.0068	-1.6	-0.82	nd	nd	nd	nd	nd	nd
01405340	NO23	2010	2016	milligrams per liter as nitrogen	-0.045	-0.0076	-5.5	-0.92	nd	nd	nd	nd	nd	nd
01405340	NO23	2011	2012	milligrams per liter as nitrogen	-0.0059	-0.0059	-0.72	-0.72	nd	nd	nd	nd	nd	nd
01405340	NO23	2011	2016	milligrams per liter as nitrogen	-0.038	-0.0075	-4.6	-0.92	nd	nd	nd	nd	nd	nd
01405340	NO23	2012	2016	milligrams per liter as nitrogen	-0.032	-0.0079	-3.9	-0.98	0.032	nd	nd	nd	nd	nd
01405340	TN	1976	1980	milligrams per liter as nitrogen	-0.065	-0.016	-3.9	-0.97	nd	nd	nd	nd	nd	nd
01405340	TN	1976	1990	milligrams per liter as nitrogen	-0.25	-0.018	-15	-1.1	nd	nd	nd	nd	nd	nd
01405340	TN	1976	2000	milligrams per liter as nitrogen	-0.48	-0.02	-29	-1.2	nd	nd	nd	nd	nd	nd
01405340	TN	1976	2007	milligrams per liter as nitrogen	-0.45	-0.015	-27	-0.87	nd	nd	nd	nd	nd	nd
01405340	TN	1976	2010	milligrams per liter as nitrogen	-0.46	-0.014	-27	-0.81	nd	nd	nd	nd	nd	nd
01405340	TN	1976	2011	milligrams per liter as nitrogen	-0.47	-0.013	-28	-0.79	nd	nd	nd	nd	nd	nd
01405340	TN	1976	2012	milligrams per liter as nitrogen	-0.47	-0.013	-28	-0.78	nd	nd	nd	nd	nd	nd
01405340	TN	1976	2016	milligrams per liter as nitrogen	-0.5	-0.013	-30	-0.75	nd	nd	nd	nd	nd	nd
01405340	TN	1980	1990	milligrams per liter as nitrogen	-0.19	-0.019	-12	-1.2	nd	nd	nd	nd	nd	nd
01405340	TN	1980	2000	milligrams per liter as nitrogen	-0.42	-0.021	-26	-1.3	nd	nd	nd	nd	nd	nd
01405340	TN	1980	2007	milligrams per liter as nitrogen	-0.39	-0.014	-24	-0.89	nd	nd	nd	nd	nd	nd
01405340	TN	1980	2010	milligrams per liter as nitrogen	-0.4	-0.013	-24	-0.82	nd	nd	nd	nd	nd	nd
01405340	TN	1980	2011	milligrams per liter as nitrogen	-0.4	-0.013	-25	-0.8	0.029	nd	nd	nd	nd	nd
01405340	TN	1980	2012	milligrams per liter as nitrogen	-0.41	-0.013	-25	-0.79	nd	nd	nd	nd	nd	nd
01405340	TN	1980	2016	milligrams per liter as nitrogen	-0.44	-0.012	-27	-0.75	<0.02	nd	nd	nd	nd	nd
01405340	TN	1990	2000	milligrams per liter as nitrogen	-0.23	-0.023	-16	-1.6	nd	nd	nd	nd	nd	nd
01405340	TN	1990	2007	milligrams per liter as nitrogen	-0.2	-0.012	-14	-0.82	nd	nd	nd	nd	nd	nd
01405340	TN	1990	2010	milligrams per liter as nitrogen	-0.21	-0.01	-15	-0.73	nd	nd	nd	nd	nd	nd
01405340	TN	1990	2011	milligrams per liter as nitrogen	-0.22	-0.01	-15	-0.72	nd	nd	nd	nd	nd	nd
01405340	TN	1990	2012	milligrams per liter as nitrogen	-0.22	-0.01	-15	-0.7	nd	nd	nd	nd	nd	nd
01405340	TN	1990	2016	milligrams per liter as nitrogen	-0.25	-0.0097	-18	-0.68	nd	nd	nd	nd	nd	nd
01405340	TN	2000	2007	milligrams per liter as nitrogen	0.031	0.0045	2.6	0.37	nd	nd	nd	nd	nd	nd
01405340	TN	2000	2010	milligrams per liter as nitrogen	0.022	0.0022	1.9	0.19	nd	nd	nd	nd	nd	nd
01405340	TN	2000	2011	milligrams per liter as nitrogen	0.016	0.0014	1.3	0.12	nd	nd	nd	nd	nd	nd
01405340	TN	2000	2012	milligrams per liter as nitrogen	0.01	0.00087	0.87	0.073	nd	nd	nd	nd	nd	nd
01405340	TN	2000	2016	milligrams per liter as nitrogen	-0.02	-0.0012	-1.6	-0.1	nd	nd	nd	nd	nd	nd
01405340	TN	2007	2010	milligrams per liter as nitrogen	-0.009	-0.003	-0.73	-0.24	nd	nd	nd	nd	nd	nd
01405340	TN	2007	2011	milligrams per liter as nitrogen	-0.016	-0.0039	-1.3	-0.32	nd	nd	nd	nd	nd	nd
01405340	TN	2007	2012	milligrams per liter as nitrogen	-0.021	-0.0042	-1.7	-0.34	nd	nd	nd	nd	nd	nd
01405340	TN	2007	2016	milligrams per liter as nitrogen	-0.051	-0.0057	-4.1	-0.46	0.26	nd	nd	nd	nd	nd
01405340	TN	2010	2011	milligrams per liter as nitrogen	-0.0066	-0.0066	-0.54	-0.54	nd	nd	nd	nd	nd	nd
01405340	TN	2010	2012	milligrams per liter as nitrogen	-0.012	-0.0059	-0.96	-0.48	nd	nd	nd	nd	nd	nd
01405340	TN	2010	2016	milligrams per liter as nitrogen	-0.042	-0.007	-3.4	-0.57	nd	nd	nd	nd	nd	nd
01405340	TN	2011	2012	milligrams per liter as nitrogen	-0.0052	-0.0052	-0.42	-0.42	nd	nd	nd	nd	nd	nd
01405340	TN	2011	2016	milligrams per liter as nitrogen	-0.035	-0.0071	-2.9	-0.58	nd	nd	nd	nd	nd	nd
01405340	TN	2012	2016	milligrams per liter as nitrogen	-0.03	-0.0076	-2.5	-0.62	0.051	nd	nd	nd	nd	nd
01405340	TP	1976	1980	milligrams per liter as phosphorous	0.0065	0.0016	9.3	2.3	nd	nd	nd	nd	nd	nd
01405340	TP	1976	1990	milligrams per liter as phosphorous	0.015	0.0011	21	1.5	nd	nd	nd	nd	nd	nd
01405340	TP	1976	2000	milligrams per liter as phosphorous	0.015	0.00064	22	0.92	nd	nd	nd	nd	nd	nd
01405340	TP	1976	2007	milligrams per liter as phosphorous	0.022	0.00071	31	1	nd	nd	nd	nd	nd	nd

01405340	TP	1976	2010	milligrams per liter as phosphorous	0.024	0.00071	34	1	nd	nd	nd	nd	nd	nd
01405340	TP	1976	2011	milligrams per liter as phosphorous	0.025	0.00071	35	1	nd	nd	nd	nd	nd	nd
01405340	TP	1976	2012	milligrams per liter as phosphorous	0.026	0.00073	38	1	nd	nd	nd	nd	nd	nd
01405340	TP	1976	2016	milligrams per liter as phosphorous	0.032	0.00079	45	1.1	nd	nd	nd	nd	nd	nd
01405340	TP	1980	1990	milligrams per liter as phosphorous	0.0086	0.00086	11	1.1	nd	nd	nd	nd	nd	nd
01405340	TP	1980	2000	milligrams per liter as phosphorous	0.0089	0.00045	12	0.58	nd	nd	nd	nd	nd	nd
01405340	TP	1980	2007	milligrams per liter as phosphorous	0.015	0.00057	20	0.75	nd	nd	nd	nd	nd	nd
01405340	TP	1980	2010	milligrams per liter as phosphorous	0.018	0.00059	23	0.77	nd	nd	nd	nd	nd	nd
01405340	TP	1980	2011	milligrams per liter as phosphorous	0.018	0.00059	24	0.77	0.084	nd	nd	nd	nd	nd
01405340	TP	1980	2012	milligrams per liter as phosphorous	0.02	0.00062	26	0.81	nd	nd	nd	nd	nd	nd
01405340	TP	1980	2016	milligrams per liter as phosphorous	0.025	7.00E-04	33	0.91	0.2	nd	nd	nd	nd	nd
01405340	TP	1990	2000	milligrams per liter as phosphorous	0.00035	3.50E-05	0.41	0.041	nd	nd	nd	nd	nd	nd
01405340	TP	1990	2007	milligrams per liter as phosphorous	0.0069	4.00E-04	8	0.47	nd	nd	nd	nd	nd	nd
01405340	TP	1990	2010	milligrams per liter as phosphorous	0.0091	0.00046	11	0.53	nd	nd	nd	nd	nd	nd
01405340	TP	1990	2011	milligrams per liter as phosphorous	0.0097	0.00046	11	0.54	nd	nd	nd	nd	nd	nd
01405340	TP	1990	2012	milligrams per liter as phosphorous	0.011	0.00051	13	0.6	nd	nd	nd	nd	nd	nd
01405340	TP	1990	2016	milligrams per liter as phosphorous	0.016	0.00063	19	0.74	nd	nd	nd	nd	nd	nd
01405340	TP	2000	2007	milligrams per liter as phosphorous	0.0065	0.00093	7.6	1.1	nd	nd	nd	nd	nd	nd
01405340	TP	2000	2010	milligrams per liter as phosphorous	0.0088	0.00088	10	1	nd	nd	nd	nd	nd	nd
01405340	TP	2000	2011	milligrams per liter as phosphorous	0.0094	0.00085	11	0.99	nd	nd	nd	nd	nd	nd
01405340	TP	2000	2012	milligrams per liter as phosphorous	0.011	0.00091	13	1.1	nd	nd	nd	nd	nd	nd
01405340	TP	2000	2016	milligrams per liter as phosphorous	0.016	0.001	19	1.2	nd	nd	nd	nd	nd	nd
01405340	TP	2007	2010	milligrams per liter as phosphorous	0.0023	0.00075	2.4	0.81	nd	nd	nd	nd	nd	nd
01405340	TP	2007	2011	milligrams per liter as phosphorous	0.0028	7.00E-04	3	0.76	nd	nd	nd	nd	nd	nd
01405340	TP	2007	2012	milligrams per liter as phosphorous	0.0044	0.00088	4.8	0.96	nd	nd	nd	nd	nd	nd
01405340	TP	2007	2016	milligrams per liter as phosphorous	0.0096	0.0011	10	1.2	0.44	nd	nd	nd	nd	nd
01405340	TP	2010	2011	milligrams per liter as phosphorous	0.00056	0.00056	0.59	0.59	nd	nd	nd	nd	nd	nd
01405340	TP	2010	2012	milligrams per liter as phosphorous	0.0022	0.0011	2.3	1.1	nd	nd	nd	nd	nd	nd
01405340	TP	2010	2016	milligrams per liter as phosphorous	0.0074	0.0012	7.8	1.3	nd	nd	nd	nd	nd	nd
01405340	TP	2011	2012	milligrams per liter as phosphorous	0.0016	0.0016	1.7	1.7	nd	nd	nd	nd	nd	nd
01405340	TP	2011	2016	milligrams per liter as phosphorous	0.0068	0.0014	7.1	1.4	nd	nd	nd	nd	nd	nd
01405340	TP	2012	2016	milligrams per liter as phosphorous	0.0052	0.0013	5.4	1.3	0.21	nd	nd	nd	nd	nd
01409387	NO23	1976	1980	milligrams per liter as nitrogen	0.0039	0.00098	2.5	0.64	nd	nd	nd	nd	nd	nd
01409387	NO23	1976	1990	milligrams per liter as nitrogen	0.016	0.0011	10	0.73	nd	nd	nd	nd	nd	nd
01409387	NO23	1976	2000	milligrams per liter as nitrogen	-0.049	-0.0021	-32	-1.3	nd	nd	nd	nd	nd	nd
01409387	NO23	1976	2007	milligrams per liter as nitrogen	-0.065	-0.0021	-42	-1.4	nd	nd	nd	nd	nd	nd
01409387	NO23	1976	2010	milligrams per liter as nitrogen	-0.064	-0.0019	-42	-1.2	nd	nd	nd	nd	nd	nd
01409387	NO23	1976	2011	milligrams per liter as nitrogen	-0.065	-0.0019	-42	-1.2	nd	nd	nd	nd	nd	nd
01409387	NO23	1976	2012	milligrams per liter as nitrogen	-0.065	-0.0018	-42	-1.2	nd	nd	nd	nd	nd	nd
01409387	NO23	1976	2016	milligrams per liter as nitrogen	-0.066	-0.0017	-43	-1.1	nd	nd	nd	nd	nd	nd
01409387	NO23	1980	1990	milligrams per liter as nitrogen	0.012	0.0012	7.6	0.76	nd	nd	nd	nd	nd	nd
01409387	NO23	1980	2000	milligrams per liter as nitrogen	-0.053	-0.0027	-34	-1.7	nd	nd	nd	nd	nd	nd
01409387	NO23	1980	2007	milligrams per liter as nitrogen	-0.069	-0.0025	-43	-1.6	nd	nd	nd	nd	nd	nd
01409387	NO23	1980	2010	milligrams per liter as nitrogen	-0.068	-0.0023	-43	-1.4	nd	nd	nd	nd	nd	nd
01409387	NO23	1980	2011	milligrams per liter as nitrogen	-0.069	-0.0022	-44	-1.4	0.17	nd	nd	nd	nd	nd
01409387	NO23	1980	2012	milligrams per liter as nitrogen	-0.069	-0.0022	-44	-1.4	nd	nd	nd	nd	nd	nd
01409387	NO23	1980	2016	milligrams per liter as nitrogen	-0.07	-0.0019	-44	-1.2	0.11	nd	nd	nd	nd	nd
01409387	NO23	1990	2000	milligrams per liter as nitrogen	-0.065	-0.0065	-38	-3.8	nd	nd	nd	nd	nd	nd
01409387	NO23	1990	2007	milligrams per liter as nitrogen	-0.08	-0.0047	-47	-2.8	nd	nd	nd	nd	nd	nd
01409387	NO23	1990	2010	milligrams per liter as nitrogen	-0.08	-0.004	-47	-2.4	nd	nd	nd	nd	nd	nd
01409387	NO23	1990	2011	milligrams per liter as nitrogen	-0.081	-0.0039	-48	-2.3	nd	nd	nd	nd	nd	nd
01409387	NO23	1990	2012	milligrams per liter as nitrogen	-0.081	-0.0037	-48	-2.2	nd	nd	nd	nd	nd	nd
01409387	NO23	1990	2016	milligrams per liter as nitrogen	-0.082	-0.0032	-48	-1.9	nd	nd	nd	nd	nd	nd
01409387	NO23	2000	2007	milligrams per liter as nitrogen	-0.015	-0.0022	-15	-2.1	nd	nd	nd	nd	nd	nd
01409387	NO23	2000	2010	milligrams per liter as nitrogen	-0.015	-0.0015	-14	-1.4	nd	nd	nd	nd	nd	nd
01409387	NO23	2000	2011	milligrams per liter as nitrogen	-0.016	-0.0014	-15	-1.4	nd	nd	nd	nd	nd	nd
01409387	NO23	2000	2012	milligrams per liter as nitrogen	-0.016	-0.0013	-15	-1.3	nd	nd	nd	nd	nd	nd
01409387	NO23	2000	2016	milligrams per liter as nitrogen	-0.017	-0.0011	-16	-1	nd	nd	nd	nd	nd	nd
01409387	NO23	2007	2010	milligrams per liter as nitrogen	0.00012	4.10E-05	0.14	0.045	nd	nd	nd	nd	nd	nd
01409387	NO23	2007	2011	milligrams per liter as nitrogen	-0.00045	-0.00011	-0.51	-0.13	nd	nd	nd	nd	nd	nd
01409387	NO23	2007	2012	milligrams per liter as nitrogen	-0.00062	-0.00012	-0.7	-0.14	nd	nd	nd	nd	nd	nd
01409387	NO23	2007	2016	milligrams per liter as nitrogen	-0.0016	-0.00018	-1.8	-0.2	0.64	nd	nd	nd	nd	nd
01409387	NO23	2010	2011	milligrams per liter as nitrogen	-0.00057	-0.00057	-0.64	-0.64	nd	nd	nd	nd	nd	nd
01409387	NO23	2010	2012	milligrams per liter as nitrogen	-0.00074	-0.00037	-0.83	-0.42	nd	nd	nd	nd	nd	nd
01409387	NO23	2010	2016	milligrams per liter as nitrogen	-0.0017	-0.00029	-1.9	-0.32	nd	nd	nd	nd	nd	nd

01409387	NO23	2011	2012	milligrams per liter as nitrogen	-0.00017	-0.00017	-0.19	-0.19	nd	nd	nd	nd	nd	nd
01409387	NO23	2011	2016	milligrams per liter as nitrogen	-0.0012	-0.00023	-1.3	-0.26	nd	nd	nd	nd	nd	nd
01409387	NO23	2012	2016	milligrams per liter as nitrogen	-0.00099	-0.00025	-1.1	-0.28	0.82	nd	nd	nd	nd	nd
01409387	TN	1976	1980	milligrams per liter as nitrogen	-0.031	-0.0078	-4.3	-1.1	nd	nd	nd	nd	nd	nd
01409387	TN	1976	1990	milligrams per liter as nitrogen	-0.098	-0.007	-13	-0.96	nd	nd	nd	nd	nd	nd
01409387	TN	1976	2000	milligrams per liter as nitrogen	-0.27	-0.011	-37	-1.5	nd	nd	nd	nd	nd	nd
01409387	TN	1976	2007	milligrams per liter as nitrogen	-0.28	-0.0091	-39	-1.2	nd	nd	nd	nd	nd	nd
01409387	TN	1976	2010	milligrams per liter as nitrogen	-0.27	-0.0079	-37	-1.1	nd	nd	nd	nd	nd	nd
01409387	TN	1976	2011	milligrams per liter as nitrogen	-0.27	-0.0076	-37	-1	nd	nd	nd	nd	nd	nd
01409387	TN	1976	2012	milligrams per liter as nitrogen	-0.26	-0.0073	-36	-1	nd	nd	nd	nd	nd	nd
01409387	TN	1976	2016	milligrams per liter as nitrogen	-0.25	-0.0061	-34	-0.84	nd	nd	nd	nd	nd	nd
01409387	TN	1980	1990	milligrams per liter as nitrogen	-0.066	-0.0066	-9.5	-0.95	nd	nd	nd	nd	nd	nd
01409387	TN	1980	2000	milligrams per liter as nitrogen	-0.24	-0.012	-34	-1.7	nd	nd	nd	nd	nd	nd
01409387	TN	1980	2007	milligrams per liter as nitrogen	-0.25	-0.0092	-36	-1.3	nd	nd	nd	nd	nd	nd
01409387	TN	1980	2010	milligrams per liter as nitrogen	-0.24	-0.0079	-34	-1.1	nd	nd	nd	nd	nd	nd
01409387	TN	1980	2011	milligrams per liter as nitrogen	-0.23	-0.0076	-34	-1.1	-0.02	nd	nd	nd	nd	nd
01409387	TN	1980	2012	milligrams per liter as nitrogen	-0.23	-0.0072	-33	-1	nd	nd	nd	nd	nd	nd
01409387	TN	1980	2016	milligrams per liter as nitrogen	-0.21	-0.0059	-31	-0.85	-0.02	nd	nd	nd	nd	nd
01409387	TN	1990	2000	milligrams per liter as nitrogen	-0.17	-0.017	-27	-2.7	nd	nd	nd	nd	nd	nd
01409387	TN	1990	2007	milligrams per liter as nitrogen	-0.18	-0.011	-29	-1.7	nd	nd	nd	nd	nd	nd
01409387	TN	1990	2010	milligrams per liter as nitrogen	-0.17	-0.0086	-27	-1.4	nd	nd	nd	nd	nd	nd
01409387	TN	1990	2011	milligrams per liter as nitrogen	-0.17	-0.008	-27	-1.3	nd	nd	nd	nd	nd	nd
01409387	TN	1990	2012	milligrams per liter as nitrogen	-0.16	-0.0075	-26	-1.2	nd	nd	nd	nd	nd	nd
01409387	TN	1990	2016	milligrams per liter as nitrogen	-0.15	-0.0057	-23	-0.9	nd	nd	nd	nd	nd	nd
01409387	TN	2000	2007	milligrams per liter as nitrogen	-0.01	-0.0015	-2.2	-0.32	nd	nd	nd	nd	nd	nd
01409387	TN	2000	2010	milligrams per liter as nitrogen	0.00087	8.70E-05	0.19	0.019	nd	nd	nd	nd	nd	nd
01409387	TN	2000	2011	milligrams per liter as nitrogen	0.0041	0.00038	0.91	0.082	nd	nd	nd	nd	nd	nd
01409387	TN	2000	2012	milligrams per liter as nitrogen	0.0079	0.00066	1.7	0.14	nd	nd	nd	nd	nd	nd
01409387	TN	2000	2016	milligrams per liter as nitrogen	0.025	0.0016	5.5	0.35	nd	nd	nd	nd	nd	nd
01409387	TN	2007	2010	milligrams per liter as nitrogen	0.011	0.0037	2.5	0.83	nd	nd	nd	nd	nd	nd
01409387	TN	2007	2011	milligrams per liter as nitrogen	0.014	0.0036	3.2	0.81	nd	nd	nd	nd	nd	nd
01409387	TN	2007	2012	milligrams per liter as nitrogen	0.018	0.0036	4.1	0.81	nd	nd	nd	nd	nd	nd
01409387	TN	2007	2016	milligrams per liter as nitrogen	0.036	0.0039	8	0.88	0.15	nd	nd	nd	nd	nd
01409387	TN	2010	2011	milligrams per liter as nitrogen	0.0033	0.0033	0.71	0.71	nd	nd	nd	nd	nd	nd
01409387	TN	2010	2012	milligrams per liter as nitrogen	0.0071	0.0035	1.5	0.77	nd	nd	nd	nd	nd	nd
01409387	TN	2010	2016	milligrams per liter as nitrogen	0.024	0.0041	5.3	0.89	nd	nd	nd	nd	nd	nd
01409387	TN	2011	2012	milligrams per liter as nitrogen	0.0038	0.0038	0.82	0.82	nd	nd	nd	nd	nd	nd
01409387	TN	2011	2016	milligrams per liter as nitrogen	0.021	0.0042	4.6	0.92	nd	nd	nd	nd	nd	nd
01409387	TN	2012	2016	milligrams per liter as nitrogen	0.017	0.0043	3.7	0.93	0.15	nd	nd	nd	nd	nd
01409387	TP	1977	1983	milligrams per liter as phosphorous	0.0037	0.00062	12	2.1	nd	nd	nd	nd	nd	nd
01409387	TP	1977	1990	milligrams per liter as phosphorous	0.0028	0.00022	9.4	0.72	nd	nd	nd	nd	nd	nd
01409387	TP	1977	2000	milligrams per liter as phosphorous	-0.016	-7.00E-04	-54	-2.3	nd	nd	nd	nd	nd	nd
01409387	TP	1977	2007	milligrams per liter as phosphorous	-0.017	-0.00057	-57	-1.9	nd	nd	nd	nd	nd	nd
01409387	TP	1977	2010	milligrams per liter as phosphorous	-0.015	-0.00046	-51	-1.5	nd	nd	nd	nd	nd	nd
01409387	TP	1977	2011	milligrams per liter as phosphorous	-0.014	-0.00043	-48	-1.4	nd	nd	nd	nd	nd	nd
01409387	TP	1977	2012	milligrams per liter as phosphorous	-0.014	-0.00039	-46	-1.3	nd	nd	nd	nd	nd	nd
01409387	TP	1977	2016	milligrams per liter as phosphorous	-0.0095	-0.00024	-32	-0.82	nd	nd	nd	nd	nd	nd
01409387	TP	1983	1990	milligrams per liter as phosphorous	-0.00089	-0.00013	-2.6	-0.38	nd	nd	nd	nd	nd	nd
01409387	TP	1983	2000	milligrams per liter as phosphorous	-0.02	-0.0012	-59	-3.5	nd	nd	nd	nd	nd	nd
01409387	TP	1983	2007	milligrams per liter as phosphorous	-0.021	-0.00087	-62	-2.6	nd	nd	nd	nd	nd	nd
01409387	TP	1983	2010	milligrams per liter as phosphorous	-0.019	-7.00E-04	-56	-2.1	nd	nd	nd	nd	nd	nd
01409387	TP	1983	2011	milligrams per liter as phosphorous	-0.018	-0.00065	-54	-1.9	0.076	nd	nd	nd	nd	nd
01409387	TP	1983	2012	milligrams per liter as phosphorous	-0.017	-6.00E-04	-52	-1.8	nd	nd	nd	nd	nd	nd
01409387	TP	1983	2016	milligrams per liter as phosphorous	-0.013	-4.00E-04	-39	-1.2	0.13	nd	nd	nd	nd	nd
01409387	TP	1990	2000	milligrams per liter as phosphorous	-0.019	-0.0019	-58	-5.8	nd	nd	nd	nd	nd	nd
01409387	TP	1990	2007	milligrams per liter as phosphorous	-0.02	-0.0012	-61	-3.6	nd	nd	nd	nd	nd	nd
01409387	TP	1990	2010	milligrams per liter as phosphorous	-0.018	-9.00E-04	-55	-2.8	nd	nd	nd	nd	nd	nd
01409387	TP	1990	2011	milligrams per liter as phosphorous	-0.017	-0.00082	-53	-2.5	nd	nd	nd	nd	nd	nd
01409387	TP	1990	2012	milligrams per liter as phosphorous	-0.016	-0.00075	-50	-2.3	nd	nd	nd	nd	nd	nd
01409387	TP	1990	2016	milligrams per liter as phosphorous	-0.012	-0.00047	-38	-1.4	nd	nd	nd	nd	nd	nd
01409387	TP	2000	2007	milligrams per liter as phosphorous	-0.001	-0.00015	-7.5	-1.1	nd	nd	nd	nd	nd	nd
01409387	TP	2000	2010	milligrams per liter as phosphorous	0.00086	8.60E-05	6.2	0.62	nd	nd	nd	nd	nd	nd
01409387	TP	2000	2011	milligrams per liter as phosphorous	0.0016	0.00015	12	1.1	nd	nd	nd	nd	nd	nd
01409387	TP	2000	2012	milligrams per liter as phosphorous	0.0024	2.00E-04	18	1.5	nd	nd	nd	nd	nd	nd
01409387	TP	2000	2016	milligrams per liter as phosphorous	0.0066	0.00041	48	3	nd	nd	nd	nd	nd	nd

01409387	TP	2007	2010	milligrams per liter as phosphorous	0.0019	0.00063	15	4.9	nd	nd	nd	nd	nd	nd
01409387	TP	2007	2011	milligrams per liter as phosphorous	0.0026	0.00066	21	5.2	nd	nd	nd	nd	nd	nd
01409387	TP	2007	2012	milligrams per liter as phosphorous	0.0035	0.00069	27	5.4	nd	nd	nd	nd	nd	nd
01409387	TP	2007	2016	milligrams per liter as phosphorous	0.0076	0.00084	60	6.6	<0.02	nd	nd	nd	nd	nd
01409387	TP	2010	2011	milligrams per liter as phosphorous	0.00074	0.00074	5.1	5.1	nd	nd	nd	nd	nd	nd
01409387	TP	2010	2012	milligrams per liter as phosphorous	0.0016	0.00079	11	5.4	nd	nd	nd	nd	nd	nd
01409387	TP	2010	2016	milligrams per liter as phosphorous	0.0057	0.00095	39	6.5	nd	nd	nd	nd	nd	nd
01409387	TP	2011	2012	milligrams per liter as phosphorous	0.00083	0.00083	5.4	5.4	nd	nd	nd	nd	nd	nd
01409387	TP	2011	2016	milligrams per liter as phosphorous	0.005	0.00099	32	6.4	nd	nd	nd	nd	nd	nd
01409387	TP	2012	2016	milligrams per liter as phosphorous	0.0041	0.001	25	6.4	<0.02	nd	nd	nd	nd	nd
01409815	TP	1976	1980	milligrams per liter as phosphorous	-0.0045	-0.0011	-15	-3.8	nd	nd	nd	nd	nd	nd
01409815	TP	1976	1990	milligrams per liter as phosphorous	-0.0092	-0.00065	-31	-2.2	nd	nd	nd	nd	nd	nd
01409815	TP	1976	2000	milligrams per liter as phosphorous	0.0062	0.00026	21	0.87	nd	nd	nd	nd	nd	nd
01409815	TP	1976	2007	milligrams per liter as phosphorous	0.02	0.00063	66	2.1	nd	nd	nd	nd	nd	nd
01409815	TP	1976	2010	milligrams per liter as phosphorous	0.025	0.00072	82	2.4	nd	nd	nd	nd	nd	nd
01409815	TP	1976	2011	milligrams per liter as phosphorous	0.026	0.00075	88	2.5	nd	nd	nd	nd	nd	nd
01409815	TP	1976	2012	milligrams per liter as phosphorous	0.028	0.00077	93	2.6	nd	nd	nd	nd	nd	nd
01409815	TP	1976	2016	milligrams per liter as phosphorous	0.035	0.00088	117	2.9	nd	nd	nd	nd	nd	nd
01409815	TP	1980	1990	milligrams per liter as phosphorous	-0.0047	-0.00047	-18	-1.8	nd	nd	nd	nd	nd	nd
01409815	TP	1980	2000	milligrams per liter as phosphorous	0.011	0.00054	42	2.1	nd	nd	nd	nd	nd	nd
01409815	TP	1980	2007	milligrams per liter as phosphorous	0.024	0.00089	95	3.5	nd	nd	nd	nd	nd	nd
01409815	TP	1980	2010	milligrams per liter as phosphorous	0.029	0.00097	115	3.8	nd	nd	nd	nd	nd	nd
01409815	TP	1980	2011	milligrams per liter as phosphorous	0.031	0.00099	121	3.9	<0.02	nd	nd	nd	nd	nd
01409815	TP	1980	2012	milligrams per liter as phosphorous	0.032	0.001	127	4	nd	nd	nd	nd	nd	nd
01409815	TP	1980	2016	milligrams per liter as phosphorous	0.04	0.0011	156	4.3	<0.02	nd	nd	nd	nd	nd
01409815	TP	1990	2000	milligrams per liter as phosphorous	0.015	0.0015	74	7.4	nd	nd	nd	nd	nd	nd
01409815	TP	1990	2007	milligrams per liter as phosphorous	0.029	0.0017	139	8.2	nd	nd	nd	nd	nd	nd
01409815	TP	1990	2010	milligrams per liter as phosphorous	0.034	0.0017	163	8.1	nd	nd	nd	nd	nd	nd
01409815	TP	1990	2011	milligrams per liter as phosphorous	0.035	0.0017	171	8.1	nd	nd	nd	nd	nd	nd
01409815	TP	1990	2012	milligrams per liter as phosphorous	0.037	0.0017	179	8.1	nd	nd	nd	nd	nd	nd
01409815	TP	1990	2016	milligrams per liter as phosphorous	0.044	0.0017	213	8.2	nd	nd	nd	nd	nd	nd
01409815	TP	2000	2007	milligrams per liter as phosphorous	0.013	0.0019	37	5.3	nd	nd	nd	nd	nd	nd
01409815	TP	2000	2010	milligrams per liter as phosphorous	0.018	0.0018	51	5.1	nd	nd	nd	nd	nd	nd
01409815	TP	2000	2011	milligrams per liter as phosphorous	0.02	0.0018	55	5	nd	nd	nd	nd	nd	nd
01409815	TP	2000	2012	milligrams per liter as phosphorous	0.022	0.0018	60	5	nd	nd	nd	nd	nd	nd
01409815	TP	2000	2016	milligrams per liter as phosphorous	0.029	0.0018	80	5	nd	nd	nd	nd	nd	nd
01409815	TP	2007	2010	milligrams per liter as phosphorous	0.005	0.0017	10	3.3	nd	nd	nd	nd	nd	nd
01409815	TP	2007	2011	milligrams per liter as phosphorous	0.0066	0.0017	13	3.3	nd	nd	nd	nd	nd	nd
01409815	TP	2007	2012	milligrams per liter as phosphorous	0.0082	0.0016	17	3.3	nd	nd	nd	nd	nd	nd
01409815	TP	2007	2016	milligrams per liter as phosphorous	0.015	0.0017	31	3.5	0.06	nd	nd	nd	nd	nd
01409815	TP	2010	2011	milligrams per liter as phosphorous	0.0017	0.0017	3.1	3.1	nd	nd	nd	nd	nd	nd
01409815	TP	2010	2012	milligrams per liter as phosphorous	0.0033	0.0016	6	3	nd	nd	nd	nd	nd	nd
01409815	TP	2010	2016	milligrams per liter as phosphorous	0.01	0.0017	19	3.2	nd	nd	nd	nd	nd	nd
01409815	TP	2011	2012	milligrams per liter as phosphorous	0.0016	0.0016	2.9	2.9	nd	nd	nd	nd	nd	nd
01409815	TP	2011	2016	milligrams per liter as phosphorous	0.0088	0.0018	16	3.1	nd	nd	nd	nd	nd	nd
01409815	TP	2012	2016	milligrams per liter as phosphorous	0.0072	0.0018	12	3.1	0.06	nd	nd	nd	nd	nd
01411110	NO23	1975	1980	milligrams per liter as nitrogen	0.014	0.0027	3	0.59	nd	nd	nd	nd	nd	nd
01411110	NO23	1975	1990	milligrams per liter as nitrogen	-0.024	-0.0016	-5.3	-0.35	nd	nd	nd	nd	nd	nd
01411110	NO23	1975	2000	milligrams per liter as nitrogen	-0.04	-0.0016	-8.7	-0.35	nd	nd	nd	nd	nd	nd
01411110	NO23	1975	2007	milligrams per liter as nitrogen	0.033	0.001	7.3	0.23	nd	nd	nd	nd	nd	nd
01411110	NO23	1975	2010	milligrams per liter as nitrogen	0.069	0.002	15	0.43	nd	nd	nd	nd	nd	nd
01411110	NO23	1975	2011	milligrams per liter as nitrogen	0.079	0.0022	17	0.48	nd	nd	nd	nd	nd	nd
01411110	NO23	1975	2012	milligrams per liter as nitrogen	0.09	0.0024	20	0.53	nd	nd	nd	nd	nd	nd
01411110	NO23	1975	2016	milligrams per liter as nitrogen	0.13	0.0033	29	0.72	nd	nd	nd	nd	nd	nd
01411110	NO23	1980	1990	milligrams per liter as nitrogen	-0.038	-0.0038	-8	-0.8	nd	nd	nd	nd	nd	nd
01411110	NO23	1980	2000	milligrams per liter as nitrogen	-0.053	-0.0027	-11	-0.56	nd	nd	nd	nd	nd	nd
01411110	NO23	1980	2007	milligrams per liter as nitrogen	0.02	0.00074	4.2	0.16	nd	nd	nd	nd	nd	nd
01411110	NO23	1980	2010	milligrams per liter as nitrogen	0.055	0.0018	12	0.39	nd	nd	nd	nd	nd	nd
01411110	NO23	1980	2011	milligrams per liter as nitrogen	0.066	0.0021	14	0.45	0.036	nd	nd	nd	nd	nd
01411110	NO23	1980	2012	milligrams per liter as nitrogen	0.077	0.0024	16	0.51	nd	nd	nd	nd	nd	nd
01411110	NO23	1980	2016	milligrams per liter as nitrogen	0.12	0.0034	26	0.71	0.048	nd	nd	nd	nd	nd
01411110	NO23	1990	2000	milligrams per liter as nitrogen	-0.015	-0.0015	-3.5	-0.35	nd	nd	nd	nd	nd	nd
01411110	NO23	1990	2007	milligrams per liter as nitrogen	0.058	0.0034	13	0.78	nd	nd	nd	nd	nd	nd
01411110	NO23	1990	2010	milligrams per liter as nitrogen	0.093	0.0047	22	1.1	nd	nd	nd	nd	nd	nd
01411110	NO23	1990	2011	milligrams per liter as nitrogen	0.1	0.0049	24	1.1	nd	nd	nd	nd	nd	nd

01411110	NO23	1990	2012	milligrams per liter as nitrogen	0.11	0.0052	26	1.2	nd	nd	nd	nd	nd	nd
01411110	NO23	1990	2016	milligrams per liter as nitrogen	0.16	0.0061	37	1.4	nd	nd	nd	nd	nd	nd
01411110	NO23	2000	2007	milligrams per liter as nitrogen	0.073	0.01	17	2.5	nd	nd	nd	nd	nd	nd
01411110	NO23	2000	2010	milligrams per liter as nitrogen	0.11	0.011	26	2.6	nd	nd	nd	nd	nd	nd
01411110	NO23	2000	2011	milligrams per liter as nitrogen	0.12	0.011	28	2.6	nd	nd	nd	nd	nd	nd
01411110	NO23	2000	2012	milligrams per liter as nitrogen	0.13	0.011	31	2.6	nd	nd	nd	nd	nd	nd
01411110	NO23	2000	2016	milligrams per liter as nitrogen	0.17	0.011	42	2.6	nd	nd	nd	nd	nd	nd
01411110	NO23	2007	2010	milligrams per liter as nitrogen	0.035	0.012	7.2	2.4	nd	nd	nd	nd	nd	nd
01411110	NO23	2007	2011	milligrams per liter as nitrogen	0.046	0.011	9.3	2.3	nd	nd	nd	nd	nd	nd
01411110	NO23	2007	2012	milligrams per liter as nitrogen	0.057	0.011	12	2.3	nd	nd	nd	nd	nd	nd
01411110	NO23	2007	2016	milligrams per liter as nitrogen	0.1	0.011	21	2.3	<0.02	nd	nd	nd	nd	nd
01411110	NO23	2010	2011	milligrams per liter as nitrogen	0.01	0.01	2	2	nd	nd	nd	nd	nd	nd
01411110	NO23	2010	2012	milligrams per liter as nitrogen	0.021	0.011	4.1	2	nd	nd	nd	nd	nd	nd
01411110	NO23	2010	2016	milligrams per liter as nitrogen	0.066	0.011	12	2.1	nd	nd	nd	nd	nd	nd
01411110	NO23	2011	2012	milligrams per liter as nitrogen	0.011	0.011	2.1	2.1	nd	nd	nd	nd	nd	nd
01411110	NO23	2011	2016	milligrams per liter as nitrogen	0.055	0.011	10	2.1	nd	nd	nd	nd	nd	nd
01411110	NO23	2012	2016	milligrams per liter as nitrogen	0.044	0.011	8.1	2	0.091	nd	nd	nd	nd	nd
01411110	TN	1975	1980	milligrams per liter as nitrogen	0.069	0.014	8.2	1.6	nd	nd	nd	nd	nd	nd
01411110	TN	1975	1990	milligrams per liter as nitrogen	0.033	0.0022	4	0.26	nd	nd	nd	nd	nd	nd
01411110	TN	1975	2000	milligrams per liter as nitrogen	-0.076	-0.003	-9	-0.36	nd	nd	nd	nd	nd	nd
01411110	TN	1975	2007	milligrams per liter as nitrogen	0.005	0.00016	0.6	0.019	nd	nd	nd	nd	nd	nd
01411110	TN	1975	2010	milligrams per liter as nitrogen	0.029	0.00082	3.4	0.097	nd	nd	nd	nd	nd	nd
01411110	TN	1975	2011	milligrams per liter as nitrogen	0.036	0.001	4.3	0.12	nd	nd	nd	nd	nd	nd
01411110	TN	1975	2012	milligrams per liter as nitrogen	0.043	0.0012	5.1	0.14	nd	nd	nd	nd	nd	nd
01411110	TN	1975	2016	milligrams per liter as nitrogen	0.074	0.0018	8.8	0.21	nd	nd	nd	nd	nd	nd
01411110	TN	1980	1990	milligrams per liter as nitrogen	-0.035	-0.0035	-3.9	-0.39	nd	nd	nd	nd	nd	nd
01411110	TN	1980	2000	milligrams per liter as nitrogen	-0.14	-0.0072	-16	-0.79	nd	nd	nd	nd	nd	nd
01411110	TN	1980	2007	milligrams per liter as nitrogen	-0.064	-0.0024	-7	-0.26	nd	nd	nd	nd	nd	nd
01411110	TN	1980	2010	milligrams per liter as nitrogen	-0.04	-0.0013	-4.4	-0.15	nd	nd	nd	nd	nd	nd
01411110	TN	1980	2011	milligrams per liter as nitrogen	-0.032	-0.001	-3.6	-0.11	0.39	nd	nd	nd	nd	nd
01411110	TN	1980	2012	milligrams per liter as nitrogen	-0.026	-0.00081	-2.9	-0.089	nd	nd	nd	nd	nd	nd
01411110	TN	1980	2016	milligrams per liter as nitrogen	0.0053	0.00015	0.58	0.016	0.99	nd	nd	nd	nd	nd
01411110	TN	1990	2000	milligrams per liter as nitrogen	-0.11	-0.011	-12	-1.2	nd	nd	nd	nd	nd	nd
01411110	TN	1990	2007	milligrams per liter as nitrogen	-0.028	-0.0017	-3.2	-0.19	nd	nd	nd	nd	nd	nd
01411110	TN	1990	2010	milligrams per liter as nitrogen	-0.0045	-0.00023	-0.52	-0.026	nd	nd	nd	nd	nd	nd
01411110	TN	1990	2011	milligrams per liter as nitrogen	0.003	0.00014	0.34	0.016	nd	nd	nd	nd	nd	nd
01411110	TN	1990	2012	milligrams per liter as nitrogen	0.0094	0.00043	1.1	0.049	nd	nd	nd	nd	nd	nd
01411110	TN	1990	2016	milligrams per liter as nitrogen	0.041	0.0016	4.6	0.18	nd	nd	nd	nd	nd	nd
01411110	TN	2000	2007	milligrams per liter as nitrogen	0.081	0.012	11	1.5	nd	nd	nd	nd	nd	nd
01411110	TN	2000	2010	milligrams per liter as nitrogen	0.1	0.01	14	1.4	nd	nd	nd	nd	nd	nd
01411110	TN	2000	2011	milligrams per liter as nitrogen	0.11	0.01	15	1.3	nd	nd	nd	nd	nd	nd
01411110	TN	2000	2012	milligrams per liter as nitrogen	0.12	0.0099	15	1.3	nd	nd	nd	nd	nd	nd
01411110	TN	2000	2016	milligrams per liter as nitrogen	0.15	0.0094	20	1.2	nd	nd	nd	nd	nd	nd
01411110	TN	2007	2010	milligrams per liter as nitrogen	0.024	0.0079	2.8	0.93	nd	nd	nd	nd	nd	nd
01411110	TN	2007	2011	milligrams per liter as nitrogen	0.031	0.0078	3.7	0.92	nd	nd	nd	nd	nd	nd
01411110	TN	2007	2012	milligrams per liter as nitrogen	0.038	0.0075	4.4	0.89	nd	nd	nd	nd	nd	nd
01411110	TN	2007	2016	milligrams per liter as nitrogen	0.069	0.0077	8.1	0.9	0.041	nd	nd	nd	nd	nd
01411110	TN	2010	2011	milligrams per liter as nitrogen	0.0075	0.0075	0.86	0.86	nd	nd	nd	nd	nd	nd
01411110	TN	2010	2012	milligrams per liter as nitrogen	0.014	0.007	1.6	0.8	nd	nd	nd	nd	nd	nd
01411110	TN	2010	2016	milligrams per liter as nitrogen	0.045	0.0075	5.2	0.87	nd	nd	nd	nd	nd	nd
01411110	TN	2011	2012	milligrams per liter as nitrogen	0.0064	0.0064	0.73	0.73	nd	nd	nd	nd	nd	nd
01411110	TN	2011	2016	milligrams per liter as nitrogen	0.038	0.0075	4.3	0.86	nd	nd	nd	nd	nd	nd
01411110	TN	2012	2016	milligrams per liter as nitrogen	0.031	0.0078	3.5	0.88	0.042	nd	nd	nd	nd	nd
01411110	TP	1975	1983	milligrams per liter as phosphorous	-0.008	-0.001	-12	-1.4	nd	nd	nd	nd	nd	nd
01411110	TP	1975	1990	milligrams per liter as phosphorous	-0.029	-0.0019	-42	-2.8	nd	nd	nd	nd	nd	nd
01411110	TP	1975	2000	milligrams per liter as phosphorous	-0.049	-0.002	-72	-2.9	nd	nd	nd	nd	nd	nd
01411110	TP	1975	2007	milligrams per liter as phosphorous	-0.049	-0.0015	-71	-2.2	nd	nd	nd	nd	nd	nd
01411110	TP	1975	2010	milligrams per liter as phosphorous	-0.048	-0.0014	-70	-2	nd	nd	nd	nd	nd	nd
01411110	TP	1975	2011	milligrams per liter as phosphorous	-0.048	-0.0013	-69	-1.9	nd	nd	nd	nd	nd	nd
01411110	TP	1975	2012	milligrams per liter as phosphorous	-0.048	-0.0013	-69	-1.9	nd	nd	nd	nd	nd	nd
01411110	TP	1975	2016	milligrams per liter as phosphorous	-0.046	-0.0011	-67	-1.6	nd	nd	nd	nd	nd	nd
01411110	TP	1983	1990	milligrams per liter as phosphorous	-0.021	-0.003	-34	-4.9	nd	nd	nd	nd	nd	nd
01411110	TP	1983	2000	milligrams per liter as phosphorous	-0.041	-0.0024	-68	-4	nd	nd	nd	nd	nd	nd
01411110	TP	1983	2007	milligrams per liter as phosphorous	-0.041	-0.0017	-67	-2.8	nd	nd	nd	nd	nd	nd
01411110	TP	1983	2010	milligrams per liter as phosphorous	-0.04	-0.0015	-66	-2.4	nd	nd	nd	nd	nd	nd

01411110	TP	1983	2011	milligrams per liter as phosphorous	-0.04	-0.0014	-65	-2.3	<0.02	nd	nd	nd	nd	nd
01411110	TP	1983	2012	milligrams per liter as phosphorous	-0.04	-0.0014	-65	-2.2	nd	nd	nd	nd	nd	nd
01411110	TP	1983	2016	milligrams per liter as phosphorous	-0.038	-0.0012	-63	-1.9	<0.02	nd	nd	nd	nd	nd
01411110	TP	1990	2000	milligrams per liter as phosphorous	-0.021	-0.0021	-52	-5.2	nd	nd	nd	nd	nd	nd
01411110	TP	1990	2007	milligrams per liter as phosphorous	-0.02	-0.0012	-51	-3	nd	nd	nd	nd	nd	nd
01411110	TP	1990	2010	milligrams per liter as phosphorous	-0.019	-0.00097	-48	-2.4	nd	nd	nd	nd	nd	nd
01411110	TP	1990	2011	milligrams per liter as phosphorous	-0.019	-0.00091	-47	-2.3	nd	nd	nd	nd	nd	nd
01411110	TP	1990	2012	milligrams per liter as phosphorous	-0.019	-0.00086	-47	-2.1	nd	nd	nd	nd	nd	nd
01411110	TP	1990	2016	milligrams per liter as phosphorous	-0.018	-0.00068	-44	-1.7	nd	nd	nd	nd	nd	nd
01411110	TP	2000	2007	milligrams per liter as phosphorous	0.00041	5.80E-05	2.1	0.3	nd	nd	nd	nd	nd	nd
01411110	TP	2000	2010	milligrams per liter as phosphorous	0.0013	0.00013	6.9	0.69	nd	nd	nd	nd	nd	nd
01411110	TP	2000	2011	milligrams per liter as phosphorous	0.0017	0.00015	8.7	0.79	nd	nd	nd	nd	nd	nd
01411110	TP	2000	2012	milligrams per liter as phosphorous	0.0018	0.00015	9.5	0.79	nd	nd	nd	nd	nd	nd
01411110	TP	2000	2016	milligrams per liter as phosphorous	0.0032	2.00E-04	16	1	nd	nd	nd	nd	nd	nd
01411110	TP	2007	2010	milligrams per liter as phosphorous	0.00092	0.00031	4.7	1.6	nd	nd	nd	nd	nd	nd
01411110	TP	2007	2011	milligrams per liter as phosphorous	0.0013	0.00032	6.5	1.6	nd	nd	nd	nd	nd	nd
01411110	TP	2007	2012	milligrams per liter as phosphorous	0.0014	0.00029	7.3	1.5	nd	nd	nd	nd	nd	nd
01411110	TP	2007	2016	milligrams per liter as phosphorous	0.0027	0.00031	14	1.5	0.13	nd	nd	nd	nd	nd
01411110	TP	2010	2011	milligrams per liter as phosphorous	0.00036	0.00036	1.7	1.7	nd	nd	nd	nd	nd	nd
01411110	TP	2010	2012	milligrams per liter as phosphorous	0.00052	0.00026	2.5	1.3	nd	nd	nd	nd	nd	nd
01411110	TP	2010	2016	milligrams per liter as phosphorous	0.0018	3.00E-04	8.8	1.5	nd	nd	nd	nd	nd	nd
01411110	TP	2011	2012	milligrams per liter as phosphorous	0.00016	0.00016	0.77	0.77	nd	nd	nd	nd	nd	nd
01411110	TP	2011	2016	milligrams per liter as phosphorous	0.0015	0.00029	7	1.4	nd	nd	nd	nd	nd	nd
01411110	TP	2012	2016	milligrams per liter as phosphorous	0.0013	0.00033	6.1	1.5	0.056	nd	nd	nd	nd	nd
01409416	NO23	1974	1980	milligrams per liter as nitrogen	0.24	0.04	14	2.4	nd	nd	nd	nd	nd	nd
01409416	NO23	1974	1990	milligrams per liter as nitrogen	0.53	0.033	32	2	nd	nd	nd	nd	nd	nd
01409416	NO23	1974	2000	milligrams per liter as nitrogen	-0.19	-0.0075	-12	-0.44	nd	nd	nd	nd	nd	nd
01409416	NO23	1974	2007	milligrams per liter as nitrogen	-0.17	-0.005	-9.9	-0.3	nd	nd	nd	nd	nd	nd
01409416	NO23	1974	2010	milligrams per liter as nitrogen	-0.13	-0.0036	-7.7	-0.21	nd	nd	nd	nd	nd	nd
01409416	NO23	1974	2011	milligrams per liter as nitrogen	-0.12	-0.0032	-7.1	-0.19	nd	nd	nd	nd	nd	nd
01409416	NO23	1974	2012	milligrams per liter as nitrogen	-0.11	-0.003	-6.7	-0.18	nd	nd	nd	nd	nd	nd
01409416	NO23	1974	2016	milligrams per liter as nitrogen	-0.092	-0.0022	-5.4	-0.13	nd	nd	nd	nd	nd	nd
01409416	NO23	1980	1990	milligrams per liter as nitrogen	0.29	0.029	15	1.5	nd	nd	nd	nd	nd	nd
01409416	NO23	1980	2000	milligrams per liter as nitrogen	-0.43	-0.022	-23	-1.1	nd	nd	nd	nd	nd	nd
01409416	NO23	1980	2007	milligrams per liter as nitrogen	-0.4	-0.015	-21	-0.78	nd	nd	nd	nd	nd	nd
01409416	NO23	1980	2010	milligrams per liter as nitrogen	-0.37	-0.012	-19	-0.64	nd	nd	nd	nd	nd	nd
01409416	NO23	1980	2011	milligrams per liter as nitrogen	-0.36	-0.012	-19	-0.6	0.079	nd	nd	nd	nd	nd
01409416	NO23	1980	2012	milligrams per liter as nitrogen	-0.35	-0.011	-18	-0.57	nd	nd	nd	nd	nd	nd
01409416	NO23	1980	2016	milligrams per liter as nitrogen	-0.33	-0.0092	-17	-0.48	0.08	nd	nd	nd	nd	nd
01409416	NO23	1990	2000	milligrams per liter as nitrogen	-0.73	-0.073	-33	-3.3	nd	nd	nd	nd	nd	nd
01409416	NO23	1990	2007	milligrams per liter as nitrogen	-0.7	-0.041	-32	-1.9	nd	nd	nd	nd	nd	nd
01409416	NO23	1990	2010	milligrams per liter as nitrogen	-0.66	-0.033	-30	-1.5	nd	nd	nd	nd	nd	nd
01409416	NO23	1990	2011	milligrams per liter as nitrogen	-0.65	-0.031	-29	-1.4	nd	nd	nd	nd	nd	nd
01409416	NO23	1990	2012	milligrams per liter as nitrogen	-0.64	-0.029	-29	-1.3	nd	nd	nd	nd	nd	nd
01409416	NO23	1990	2016	milligrams per liter as nitrogen	-0.62	-0.024	-28	-1.1	nd	nd	nd	nd	nd	nd
01409416	NO23	2000	2007	milligrams per liter as nitrogen	0.027	0.0039	1.8	0.26	nd	nd	nd	nd	nd	nd
01409416	NO23	2000	2010	milligrams per liter as nitrogen	0.065	0.0065	4.4	0.44	nd	nd	nd	nd	nd	nd
01409416	NO23	2000	2011	milligrams per liter as nitrogen	0.075	0.0068	5	0.46	nd	nd	nd	nd	nd	nd
01409416	NO23	2000	2012	milligrams per liter as nitrogen	0.082	0.0068	5.5	0.46	nd	nd	nd	nd	nd	nd
01409416	NO23	2000	2016	milligrams per liter as nitrogen	0.1	0.0064	6.9	0.43	nd	nd	nd	nd	nd	nd
01409416	NO23	2007	2010	milligrams per liter as nitrogen	0.038	0.013	2.5	0.83	nd	nd	nd	nd	nd	nd
01409416	NO23	2007	2011	milligrams per liter as nitrogen	0.048	0.012	3.1	0.78	nd	nd	nd	nd	nd	nd
01409416	NO23	2007	2012	milligrams per liter as nitrogen	0.054	0.011	3.6	0.72	nd	nd	nd	nd	nd	nd
01409416	NO23	2007	2016	milligrams per liter as nitrogen	0.075	0.0083	4.9	0.55	0.68	nd	nd	nd	nd	nd
01409416	NO23	2010	2011	milligrams per liter as nitrogen	0.0097	0.0097	0.63	0.63	nd	nd	nd	nd	nd	nd
01409416	NO23	2010	2012	milligrams per liter as nitrogen	0.016	0.0082	1.1	0.53	nd	nd	nd	nd	nd	nd
01409416	NO23	2010	2016	milligrams per liter as nitrogen	0.037	0.0062	2.4	0.4	nd	nd	nd	nd	nd	nd
01409416	NO23	2011	2012	milligrams per liter as nitrogen	0.0066	0.0066	0.42	0.42	nd	nd	nd	nd	nd	nd
01409416	NO23	2011	2016	milligrams per liter as nitrogen	0.027	0.0055	1.8	0.35	nd	nd	nd	nd	nd	nd
01409416	NO23	2012	2016	milligrams per liter as nitrogen	0.021	0.0052	1.3	0.33	0.78	nd	nd	nd	nd	nd
01409416	TN	1974	1980	milligrams per liter as nitrogen	0.0066	0.0011	0.13	0.021	nd	nd	nd	nd	nd	nd
01409416	TN	1974	1990	milligrams per liter as nitrogen	-1	-0.064	-19	-1.2	nd	nd	nd	nd	nd	nd
01409416	TN	1974	2000	milligrams per liter as nitrogen	-3.3	-0.13	-63	-2.4	nd	nd	nd	nd	nd	nd
01409416	TN	1974	2007	milligrams per liter as nitrogen	-3.3	-0.1	-64	-1.9	nd	nd	nd	nd	nd	nd
01409416	TN	1974	2010	milligrams per liter as nitrogen	-3.3	-0.092	-63	-1.8	nd	nd	nd	nd	nd	nd

01409416	TN	1974	2011	milligrams per liter as nitrogen	-3.3	-0.09	-63	-1.7	nd	nd	nd	nd	nd	nd
01409416	TN	1974	2012	milligrams per liter as nitrogen	-3.3	-0.088	-63	-1.7	nd	nd	nd	nd	nd	nd
01409416	TN	1974	2016	milligrams per liter as nitrogen	-3.4	-0.081	-64	-1.5	nd	nd	nd	nd	nd	nd
01409416	TN	1980	1990	milligrams per liter as nitrogen	-1	-0.1	-20	-2	nd	nd	nd	nd	nd	nd
01409416	TN	1980	2000	milligrams per liter as nitrogen	-3.3	-0.17	-63	-3.2	nd	nd	nd	nd	nd	nd
01409416	TN	1980	2007	milligrams per liter as nitrogen	-3.3	-0.12	-64	-2.4	nd	nd	nd	nd	nd	nd
01409416	TN	1980	2010	milligrams per liter as nitrogen	-3.3	-0.11	-63	-2.1	nd	nd	nd	nd	nd	nd
01409416	TN	1980	2011	milligrams per liter as nitrogen	-3.3	-0.11	-63	-2	<0.02	nd	nd	nd	nd	nd
01409416	TN	1980	2012	milligrams per liter as nitrogen	-3.3	-0.1	-63	-2	nd	nd	nd	nd	nd	nd
01409416	TN	1980	2016	milligrams per liter as nitrogen	-3.4	-0.094	-64	-1.8	<0.02	nd	nd	nd	nd	nd
01409416	TN	1990	2000	milligrams per liter as nitrogen	-2.3	-0.23	-54	-5.4	nd	nd	nd	nd	nd	nd
01409416	TN	1990	2007	milligrams per liter as nitrogen	-2.3	-0.14	-55	-3.2	nd	nd	nd	nd	nd	nd
01409416	TN	1990	2010	milligrams per liter as nitrogen	-2.3	-0.12	-54	-2.7	nd	nd	nd	nd	nd	nd
01409416	TN	1990	2011	milligrams per liter as nitrogen	-2.3	-0.11	-54	-2.6	nd	nd	nd	nd	nd	nd
01409416	TN	1990	2012	milligrams per liter as nitrogen	-2.3	-0.11	-55	-2.5	nd	nd	nd	nd	nd	nd
01409416	TN	1990	2016	milligrams per liter as nitrogen	-2.4	-0.091	-56	-2.1	nd	nd	nd	nd	nd	nd
01409416	TN	2000	2007	milligrams per liter as nitrogen	-0.019	-0.0027	-0.97	-0.14	nd	nd	nd	nd	nd	nd
01409416	TN	2000	2010	milligrams per liter as nitrogen	-0.0033	-0.00033	-0.17	-0.017	nd	nd	nd	nd	nd	nd
01409416	TN	2000	2011	milligrams per liter as nitrogen	-0.0064	-0.00058	-0.33	-0.03	nd	nd	nd	nd	nd	nd
01409416	TN	2000	2012	milligrams per liter as nitrogen	-0.012	-0.001	-0.64	-0.053	nd	nd	nd	nd	nd	nd
01409416	TN	2000	2016	milligrams per liter as nitrogen	-0.058	-0.0037	-3	-0.19	nd	nd	nd	nd	nd	nd
01409416	TN	2007	2010	milligrams per liter as nitrogen	0.015	0.0051	0.8	0.27	nd	nd	nd	nd	nd	nd
01409416	TN	2007	2011	milligrams per liter as nitrogen	0.012	0.0031	0.64	0.16	nd	nd	nd	nd	nd	nd
01409416	TN	2007	2012	milligrams per liter as nitrogen	0.0064	0.0013	0.33	0.067	nd	nd	nd	nd	nd	nd
01409416	TN	2007	2016	milligrams per liter as nitrogen	-0.04	-0.0044	-2.1	-0.23	0.52	nd	nd	nd	nd	nd
01409416	TN	2010	2011	milligrams per liter as nitrogen	-0.0031	-0.0031	-0.16	-0.16	nd	nd	nd	nd	nd	nd
01409416	TN	2010	2012	milligrams per liter as nitrogen	-0.009	-0.0045	-0.47	-0.23	nd	nd	nd	nd	nd	nd
01409416	TN	2010	2016	milligrams per liter as nitrogen	-0.055	-0.0092	-2.8	-0.47	nd	nd	nd	nd	nd	nd
01409416	TN	2011	2012	milligrams per liter as nitrogen	-0.0059	-0.0059	-0.31	-0.31	nd	nd	nd	nd	nd	nd
01409416	TN	2011	2016	milligrams per liter as nitrogen	-0.052	-0.01	-2.7	-0.54	nd	nd	nd	nd	nd	nd
01409416	TN	2012	2016	milligrams per liter as nitrogen	-0.046	-0.012	-2.4	-0.6	0.32	nd	nd	nd	nd	nd
01409416	TP	1974	1980	milligrams per liter as phosphorous	-0.33	-0.055	-21	-3.5	nd	nd	nd	nd	nd	nd
01409416	TP	1974	1990	milligrams per liter as phosphorous	-0.94	-0.059	-61	-3.8	nd	nd	nd	nd	nd	nd
01409416	TP	1974	2000	milligrams per liter as phosphorous	-1.3	-0.05	-85	-3.3	nd	nd	nd	nd	nd	nd
01409416	TP	1974	2007	milligrams per liter as phosphorous	-1.4	-0.041	-88	-2.7	nd	nd	nd	nd	nd	nd
01409416	TP	1974	2010	milligrams per liter as phosphorous	-1.4	-0.039	-91	-2.5	nd	nd	nd	nd	nd	nd
01409416	TP	1974	2011	milligrams per liter as phosphorous	-1.4	-0.038	-92	-2.5	nd	nd	nd	nd	nd	nd
01409416	TP	1974	2012	milligrams per liter as phosphorous	-1.4	-0.038	-93	-2.4	nd	nd	nd	nd	nd	nd
01409416	TP	1974	2016	milligrams per liter as phosphorous	-1.5	-0.035	-95	-2.3	nd	nd	nd	nd	nd	nd
01409416	TP	1980	1990	milligrams per liter as phosphorous	-0.61	-0.061	-50	-5	nd	nd	nd	nd	nd	nd
01409416	TP	1980	2000	milligrams per liter as phosphorous	-0.98	-0.049	-81	-4	nd	nd	nd	nd	nd	nd
01409416	TP	1980	2007	milligrams per liter as phosphorous	-1	-0.038	-85	-3.1	nd	nd	nd	nd	nd	nd
01409416	TP	1980	2010	milligrams per liter as phosphorous	-1.1	-0.036	-88	-2.9	nd	nd	nd	nd	nd	nd
01409416	TP	1980	2011	milligrams per liter as phosphorous	-1.1	-0.035	-89	-2.9	<0.02	nd	nd	nd	nd	nd
01409416	TP	1980	2012	milligrams per liter as phosphorous	-1.1	-0.034	-91	-2.8	nd	nd	nd	nd	nd	nd
01409416	TP	1980	2016	milligrams per liter as phosphorous	-1.1	-0.032	-94	-2.6	<0.02	nd	nd	nd	nd	nd
01409416	TP	1990	2000	milligrams per liter as phosphorous	-0.37	-0.037	-61	-6.1	nd	nd	nd	nd	nd	nd
01409416	TP	1990	2007	milligrams per liter as phosphorous	-0.42	-0.024	-69	-4.1	nd	nd	nd	nd	nd	nd
01409416	TP	1990	2010	milligrams per liter as phosphorous	-0.46	-0.023	-77	-3.8	nd	nd	nd	nd	nd	nd
01409416	TP	1990	2011	milligrams per liter as phosphorous	-0.47	-0.023	-79	-3.7	nd	nd	nd	nd	nd	nd
01409416	TP	1990	2012	milligrams per liter as phosphorous	-0.49	-0.022	-81	-3.7	nd	nd	nd	nd	nd	nd
01409416	TP	1990	2016	milligrams per liter as phosphorous	-0.53	-0.02	-88	-3.4	nd	nd	nd	nd	nd	nd
01409416	TP	2000	2007	milligrams per liter as phosphorous	-0.046	-0.0065	-20	-2.8	nd	nd	nd	nd	nd	nd
01409416	TP	2000	2010	milligrams per liter as phosphorous	-0.091	-0.0091	-39	-3.9	nd	nd	nd	nd	nd	nd
01409416	TP	2000	2011	milligrams per liter as phosphorous	-0.1	-0.0094	-45	-4.1	nd	nd	nd	nd	nd	nd
01409416	TP	2000	2012	milligrams per liter as phosphorous	-0.12	-0.0097	-50	-4.2	nd	nd	nd	nd	nd	nd
01409416	TP	2000	2016	milligrams per liter as phosphorous	-0.16	-0.0098	-68	-4.2	nd	nd	nd	nd	nd	nd
01409416	TP	2007	2010	milligrams per liter as phosphorous	-0.045	-0.015	-24	-8.1	nd	nd	nd	nd	nd	nd
01409416	TP	2007	2011	milligrams per liter as phosphorous	-0.058	-0.014	-31	-7.8	nd	nd	nd	nd	nd	nd
01409416	TP	2007	2012	milligrams per liter as phosphorous	-0.071	-0.014	-38	-7.6	nd	nd	nd	nd	nd	nd
01409416	TP	2007	2016	milligrams per liter as phosphorous	-0.11	-0.012	-60	-6.6	<0.02	nd	nd	nd	nd	nd
01409416	TP	2010	2011	milligrams per liter as phosphorous	-0.013	-0.013	-9	-9	nd	nd	nd	nd	nd	nd
01409416	TP	2010	2012	milligrams per liter as phosphorous	-0.026	-0.013	-18	-9.2	nd	nd	nd	nd	nd	nd
01409416	TP	2010	2016	milligrams per liter as phosphorous	-0.066	-0.011	-47	-7.8	nd	nd	nd	nd	nd	nd
01409416	TP	2011	2012	milligrams per liter as phosphorous	-0.013	-0.013	-10	-10	nd	nd	nd	nd	nd	nd

01409416	TP	2011	2016	milligrams per liter as phosphorous	-0.054	-0.011	-42	-8.3	nd	nd	nd	nd	nd	nd
01409416	TP	2012	2016	milligrams per liter as phosphorous	-0.04	-0.01	-35	-8.7	<0.02	nd	nd	nd	nd	nd
01482500	TN	1972	1980	milligrams per liter as nitrogen	0.29	0.036	9.8	1.2	nd	nd	nd	nd	nd	nd
01482500	TN	1972	1990	milligrams per liter as nitrogen	0.55	0.031	19	1	nd	nd	nd	nd	nd	nd
01482500	TN	1972	2000	milligrams per liter as nitrogen	0.22	0.008	7.7	0.27	nd	nd	nd	nd	nd	nd
01482500	TN	1972	2007	milligrams per liter as nitrogen	0.34	0.0096	11	0.33	nd	nd	nd	nd	nd	nd
01482500	TN	1972	2010	milligrams per liter as nitrogen	0.36	0.0095	12	0.32	nd	nd	nd	nd	nd	nd
01482500	TN	1972	2011	milligrams per liter as nitrogen	0.36	0.0091	12	0.31	nd	nd	nd	nd	nd	nd
01482500	TN	1972	2012	milligrams per liter as nitrogen	0.36	0.009	12	0.31	nd	nd	nd	nd	nd	nd
01482500	TN	1972	2016	milligrams per liter as nitrogen	0.34	0.0078	12	0.26	nd	nd	nd	nd	nd	nd
01482500	TN	1980	1990	milligrams per liter as nitrogen	0.27	0.027	8.3	0.83	nd	nd	nd	nd	nd	nd
01482500	TN	1980	2000	milligrams per liter as nitrogen	-0.061	-0.0031	-1.9	-0.095	nd	nd	nd	nd	nd	nd
01482500	TN	1980	2007	milligrams per liter as nitrogen	0.051	0.0019	1.6	0.059	nd	nd	nd	nd	nd	nd
01482500	TN	1980	2010	milligrams per liter as nitrogen	0.074	0.0025	2.3	0.077	nd	nd	nd	nd	nd	nd
01482500	TN	1980	2011	milligrams per liter as nitrogen	0.069	0.0022	2.2	0.07	0.61	nd	nd	nd	nd	nd
01482500	TN	1980	2012	milligrams per liter as nitrogen	0.072	0.0023	2.2	0.07	nd	nd	nd	nd	nd	nd
01482500	TN	1980	2016	milligrams per liter as nitrogen	0.056	0.0015	1.7	0.048	0.81	nd	nd	nd	nd	nd
01482500	TN	1990	2000	milligrams per liter as nitrogen	-0.33	-0.033	-9.4	-0.94	nd	nd	nd	nd	nd	nd
01482500	TN	1990	2007	milligrams per liter as nitrogen	-0.22	-0.013	-6.2	-0.36	nd	nd	nd	nd	nd	nd
01482500	TN	1990	2010	milligrams per liter as nitrogen	-0.19	-0.0096	-5.5	-0.28	nd	nd	nd	nd	nd	nd
01482500	TN	1990	2011	milligrams per liter as nitrogen	-0.2	-0.0094	-5.7	-0.27	nd	nd	nd	nd	nd	nd
01482500	TN	1990	2012	milligrams per liter as nitrogen	-0.19	-0.0088	-5.6	-0.25	nd	nd	nd	nd	nd	nd
01482500	TN	1990	2016	milligrams per liter as nitrogen	-0.21	-0.0081	-6	-0.23	nd	nd	nd	nd	nd	nd
01482500	TN	2000	2007	milligrams per liter as nitrogen	0.11	0.016	3.6	0.51	nd	nd	nd	nd	nd	nd
01482500	TN	2000	2010	milligrams per liter as nitrogen	0.14	0.014	4.3	0.43	nd	nd	nd	nd	nd	nd
01482500	TN	2000	2011	milligrams per liter as nitrogen	0.13	0.012	4.1	0.38	nd	nd	nd	nd	nd	nd
01482500	TN	2000	2012	milligrams per liter as nitrogen	0.13	0.011	4.2	0.35	nd	nd	nd	nd	nd	nd
01482500	TN	2000	2016	milligrams per liter as nitrogen	0.12	0.0073	3.7	0.23	nd	nd	nd	nd	nd	nd
01482500	TN	2007	2010	milligrams per liter as nitrogen	0.023	0.0076	0.7	0.23	nd	nd	nd	nd	nd	nd
01482500	TN	2007	2011	milligrams per liter as nitrogen	0.018	0.0046	0.56	0.14	nd	nd	nd	nd	nd	nd
01482500	TN	2007	2012	milligrams per liter as nitrogen	0.021	0.0042	0.64	0.13	nd	nd	nd	nd	nd	nd
01482500	TN	2007	2016	milligrams per liter as nitrogen	0.0045	5.00E-04	0.14	0.015	0.92	nd	nd	nd	nd	nd
01482500	TN	2010	2011	milligrams per liter as nitrogen	-0.0046	-0.0046	-0.14	-0.14	nd	nd	nd	nd	nd	nd
01482500	TN	2010	2012	milligrams per liter as nitrogen	-0.0019	-0.00093	-0.056	-0.028	nd	nd	nd	nd	nd	nd
01482500	TN	2010	2016	milligrams per liter as nitrogen	-0.018	-0.0031	-0.56	-0.093	nd	nd	nd	nd	nd	nd
01482500	TN	2011	2012	milligrams per liter as nitrogen	0.0028	0.0028	0.085	0.085	nd	nd	nd	nd	nd	nd
01482500	TN	2011	2016	milligrams per liter as nitrogen	-0.014	-0.0028	-0.42	-0.084	nd	nd	nd	nd	nd	nd
01482500	TN	2012	2016	milligrams per liter as nitrogen	-0.017	-0.0041	-0.5	-0.13	0.66	nd	nd	nd	nd	nd
01482500	TP	1972	1980	milligrams per liter as phosphorous	0.044	0.0055	34	4.2	nd	nd	nd	nd	nd	nd
01482500	TP	1972	1990	milligrams per liter as phosphorous	0.087	0.0048	66	3.7	nd	nd	nd	nd	nd	nd
01482500	TP	1972	2000	milligrams per liter as phosphorous	0.073	0.0026	56	2	nd	nd	nd	nd	nd	nd
01482500	TP	1972	2007	milligrams per liter as phosphorous	0.064	0.0018	48	1.4	nd	nd	nd	nd	nd	nd
01482500	TP	1972	2010	milligrams per liter as phosphorous	0.064	0.0017	48	1.3	nd	nd	nd	nd	nd	nd
01482500	TP	1972	2011	milligrams per liter as phosphorous	0.064	0.0017	49	1.3	nd	nd	nd	nd	nd	nd
01482500	TP	1972	2012	milligrams per liter as phosphorous	0.065	0.0016	49	1.2	nd	nd	nd	nd	nd	nd
01482500	TP	1972	2016	milligrams per liter as phosphorous	0.068	0.0015	51	1.2	nd	nd	nd	nd	nd	nd
01482500	TP	1980	1990	milligrams per liter as phosphorous	0.043	0.0043	24	2.4	nd	nd	nd	nd	nd	nd
01482500	TP	1980	2000	milligrams per liter as phosphorous	0.029	0.0015	17	0.84	nd	nd	nd	nd	nd	nd
01482500	TP	1980	2007	milligrams per liter as phosphorous	0.02	0.00072	11	0.41	nd	nd	nd	nd	nd	nd
01482500	TP	1980	2010	milligrams per liter as phosphorous	0.02	0.00065	11	0.37	nd	nd	nd	nd	nd	nd
01482500	TP	1980	2011	milligrams per liter as phosphorous	0.02	0.00066	12	0.37	0.3	nd	nd	nd	nd	nd
01482500	TP	1980	2012	milligrams per liter as phosphorous	0.021	0.00064	12	0.37	nd	nd	nd	nd	nd	nd
01482500	TP	1980	2016	milligrams per liter as phosphorous	0.024	0.00065	13	0.37	0.37	nd	nd	nd	nd	nd
01482500	TP	1990	2000	milligrams per liter as phosphorous	-0.013	-0.0013	-6.2	-0.62	nd	nd	nd	nd	nd	nd
01482500	TP	1990	2007	milligrams per liter as phosphorous	-0.023	-0.0014	-11	-0.63	nd	nd	nd	nd	nd	nd
01482500	TP	1990	2010	milligrams per liter as phosphorous	-0.023	-0.0012	-11	-0.53	nd	nd	nd	nd	nd	nd
01482500	TP	1990	2011	milligrams per liter as phosphorous	-0.022	-0.0011	-10	-0.49	nd	nd	nd	nd	nd	nd
01482500	TP	1990	2012	milligrams per liter as phosphorous	-0.022	-0.001	-10	-0.46	nd	nd	nd	nd	nd	nd
01482500	TP	1990	2016	milligrams per liter as phosphorous	-0.019	-0.00074	-8.8	-0.34	nd	nd	nd	nd	nd	nd
01482500	TP	2000	2007	milligrams per liter as phosphorous	-0.0098	-0.0014	-4.8	-0.68	nd	nd	nd	nd	nd	nd
01482500	TP	2000	2010	milligrams per liter as phosphorous	-0.0098	-0.00098	-4.8	-0.48	nd	nd	nd	nd	nd	nd
01482500	TP	2000	2011	milligrams per liter as phosphorous	-0.009	-0.00082	-4.4	-0.4	nd	nd	nd	nd	nd	nd
01482500	TP	2000	2012	milligrams per liter as phosphorous	-0.0088	-0.00073	-4.3	-0.36	nd	nd	nd	nd	nd	nd
01482500	TP	2000	2016	milligrams per liter as phosphorous	-0.0058	-0.00036	-2.8	-0.18	nd	nd	nd	nd	nd	nd
01482500	TP	2007	2010	milligrams per liter as phosphorous	6.10E-05	2.00E-05	0.031	0.01	nd	nd	nd	nd	nd	nd

01482500	TP	2007	2011	milligrams per liter as phosphorous	0.00079	2.00E-04	0.4	0.1	nd	nd	nd	nd	nd	nd
01482500	TP	2007	2012	milligrams per liter as phosphorous	0.0011	0.00021	0.54	0.11	nd	nd	nd	nd	nd	nd
01482500	TP	2007	2016	milligrams per liter as phosphorous	0.004	0.00045	2.1	0.23	0.96	nd	nd	nd	nd	nd
01482500	TP	2010	2011	milligrams per liter as phosphorous	0.00073	0.00073	0.37	0.37	nd	nd	nd	nd	nd	nd
01482500	TP	2010	2012	milligrams per liter as phosphorous	0.001	5.00E-04	0.51	0.26	nd	nd	nd	nd	nd	nd
01482500	TP	2010	2016	milligrams per liter as phosphorous	0.004	0.00066	2	0.34	nd	nd	nd	nd	nd	nd
01482500	TP	2011	2012	milligrams per liter as phosphorous	0.00027	0.00027	0.14	0.14	nd	nd	nd	nd	nd	nd
01482500	TP	2011	2016	milligrams per liter as phosphorous	0.0033	0.00065	1.7	0.33	nd	nd	nd	nd	nd	nd
01482500	TP	2012	2016	milligrams per liter as phosphorous	0.003	0.00075	1.5	0.38	0.8	nd	nd	nd	nd	nd
01477120	TP	1973	1980	milligrams per liter as phosphorous	-0.0057	-0.00081	-3.9	-0.56	nd	0.00026	3.70E-05	1.5	0.21	nd
01477120	TP	1973	1990	milligrams per liter as phosphorous	-0.0052	-3.00E-04	-3.6	-0.21	nd	0.0042	0.00025	24	1.4	nd
01477120	TP	1973	2000	milligrams per liter as phosphorous	0.041	0.0015	28	1	nd	0.011	0.00041	62	2.3	nd
01477120	TP	1973	2007	milligrams per liter as phosphorous	0.023	0.00067	16	0.47	nd	0.009	0.00026	51	1.5	nd
01477120	TP	1973	2010	milligrams per liter as phosphorous	-0.00037	-9.90E-06	-0.25	-0.0069	nd	0.0059	0.00016	33	0.9	nd
01477120	TP	1973	2011	milligrams per liter as phosphorous	-0.0052	-0.00014	-3.6	-0.095	nd	0.0053	0.00014	30	0.8	nd
01477120	TP	1973	2012	milligrams per liter as phosphorous	-0.009	-0.00023	-6.3	-0.16	nd	0.005	0.00013	29	0.73	nd
01477120	TP	1973	2016	milligrams per liter as phosphorous	-0.024	-0.00056	-17	-0.39	nd	0.0033	7.60E-05	18	0.43	nd
01477120	TP	1980	1990	milligrams per liter as phosphorous	0.00048	4.80E-05	0.35	0.035	nd	0.004	4.00E-04	22	2.2	nd
01477120	TP	1980	2000	milligrams per liter as phosphorous	0.046	0.0023	34	1.7	nd	0.011	0.00053	60	3	nd
01477120	TP	1980	2007	milligrams per liter as phosphorous	0.028	0.0011	21	0.76	nd	0.0087	0.00032	49	1.8	nd
01477120	TP	1980	2010	milligrams per liter as phosphorous	0.0053	0.00018	3.8	0.13	nd	0.0056	0.00019	31	1	nd
01477120	TP	1980	2011	milligrams per liter as phosphorous	0.00049	1.60E-05	0.35	0.011	0.99	0.0051	0.00016	28	0.92	0.18
01477120	TP	1980	2012	milligrams per liter as phosphorous	-0.0034	-0.00011	-2.4	-0.076	nd	0.0048	0.00015	27	0.83	nd
01477120	TP	1980	2016	milligrams per liter as phosphorous	-0.018	-0.00051	-13	-0.37	0.40	0.003	8.30E-05	17	0.47	0.45
01477120	TP	1990	2000	milligrams per liter as phosphorous	0.046	0.0046	33	3.3	nd	0.0067	0.00067	31	3.1	nd
01477120	TP	1990	2007	milligrams per liter as phosphorous	0.028	0.0016	20	1.2	nd	0.0047	0.00028	22	1.3	nd
01477120	TP	1990	2010	milligrams per liter as phosphorous	0.0048	0.00024	3.5	0.17	nd	0.0016	8.10E-05	7.4	0.37	nd
01477120	TP	1990	2011	milligrams per liter as phosphorous	1.00E-05	5.00E-07	0.0075	0.00036	nd	0.0011	5.30E-05	5	0.24	nd
01477120	TP	1990	2012	milligrams per liter as phosphorous	-0.0038	-0.00017	-2.8	-0.13	nd	8.00E-04	3.60E-05	3.6	0.17	nd
01477120	TP	1990	2016	milligrams per liter as phosphorous	-0.019	-0.00073	-14	-0.52	nd	-0.00098	-3.80E-05	-4.5	-0.17	nd
01477120	TP	2000	2007	milligrams per liter as phosphorous	-0.018	-0.0026	-9.7	-1.4	nd	-0.002	-0.00028	-6.9	-0.99	nd
01477120	TP	2000	2010	milligrams per liter as phosphorous	-0.041	-0.0041	-22	-2.2	nd	-0.0051	-0.00051	-18	-1.8	nd
01477120	TP	2000	2011	milligrams per liter as phosphorous	-0.046	-0.0042	-25	-2.3	nd	-0.0056	-0.00051	-20	-1.8	nd
01477120	TP	2000	2012	milligrams per liter as phosphorous	-0.05	-0.0041	-27	-2.2	nd	-0.0059	-0.00049	-21	-1.7	nd
01477120	TP	2000	2016	milligrams per liter as phosphorous	-0.065	-0.004	-35	-2.2	nd	-0.0077	-0.00048	-27	-1.7	nd
01477120	TP	2007	2010	milligrams per liter as phosphorous	-0.023	-0.0077	-14	-4.6	nd	-0.0031	-0.001	-12	-3.9	nd
01477120	TP	2007	2011	milligrams per liter as phosphorous	-0.028	-0.007	-17	-4.2	nd	-0.0036	-0.00091	-14	-3.4	nd
01477120	TP	2007	2012	milligrams per liter as phosphorous	-0.032	-0.0064	-19	-3.8	nd	-0.0039	-0.00079	-15	-3	nd
01477120	TP	2007	2016	milligrams per liter as phosphorous	-0.047	-0.0052	-28	-3.1	0.03	-0.0057	-0.00063	-21	-2.4	0.04
01477120	TP	2010	2011	milligrams per liter as phosphorous	-0.0048	-0.0048	-3.3	-3.3	nd	-0.00052	-0.00052	-2.2	-2.2	nd
01477120	TP	2010	2012	milligrams per liter as phosphorous	-0.0087	-0.0043	-6	-3	nd	-0.00083	-0.00041	-3.5	-1.8	nd
01477120	TP	2010	2016	milligrams per liter as phosphorous	-0.024	-0.0039	-17	-2.8	nd	-0.0026	-0.00043	-11	-1.9	nd
01477120	TP	2011	2012	milligrams per liter as phosphorous	-0.0039	-0.0039	-2.8	-2.8	nd	-3.00E-04	-3.00E-04	-1.3	-1.3	nd
01477120	TP	2011	2016	milligrams per liter as phosphorous	-0.019	-0.0038	-14	-2.7	nd	-0.0021	-0.00042	-9.1	-1.8	nd
01477120	TP	2012	2016	milligrams per liter as phosphorous	-0.015	-0.0038	-11	-2.8	0.04	-0.0018	-0.00045	-7.9	-2	0.06
01394500	TP	1984	1990	milligrams per liter as phosphorous	-0.021	-0.0035	-20	-3.3	nd	-0.0016	-0.00027	-12	-2	nd
01394500	TP	1984	2000	milligrams per liter as phosphorous	-0.026	-0.0016	-24	-1.5	nd	-8.60E-05	-5.40E-06	-0.64	-0.04	nd
01394500	TP	1984	2007	milligrams per liter as phosphorous	-0.025	-0.0011	-23	-0.99	nd	-0.0019	-8.20E-05	-14	-0.6	nd
01394500	TP	1984	2010	milligrams per liter as phosphorous	-0.022	-0.00083	-20	-0.77	nd	-0.0019	-7.30E-05	-14	-0.54	nd
01394500	TP	1984	2011	milligrams per liter as phosphorous	-0.02	-0.00075	-19	-0.69	0.05	-0.0017	-6.40E-05	-13	-0.47	0.38
01394500	TP	1984	2012	milligrams per liter as phosphorous	-0.019	-0.00067	-17	-0.62	nd	-0.0017	-5.90E-05	-12	-0.44	nd
01394500	TP	1984	2016	milligrams per liter as phosphorous	-0.013	-4.00E-04	-12	-0.37	0.12	-0.00093	-2.90E-05	-6.9	-0.21	0.54
01394500	TP	1990	2000	milligrams per liter as phosphorous	-0.0046	-0.00046	-5.3	-0.53	nd	0.0015	0.00015	13	1.3	nd
01394500	TP	1990	2007	milligrams per liter as phosphorous	-0.0033	-0.00019	-3.8	-0.22	nd	-0.00027	-1.60E-05	-2.2	-0.13	nd
01394500	TP	1990	2010	milligrams per liter as phosphorous	-0.00041	-2.00E-05	-0.47	-0.023	nd	-0.00028	-1.40E-05	-2.4	-0.12	nd
01394500	TP	1990	2011	milligrams per liter as phosphorous	0.0011	5.20E-05	1.3	0.06	nd	-1.00E-04	-4.80E-06	-0.84	-0.04	nd
01394500	TP	1990	2012	milligrams per liter as phosphorous	0.0024	0.00011	2.8	0.13	nd	-4.50E-05	-2.10E-06	-0.38	-0.017	nd
01394500	TP	1990	2016	milligrams per liter as phosphorous	0.0084	0.00032	9.6	0.37	nd	0.00069	2.60E-05	5.7	0.22	nd
01394500	TP	2000	2007	milligrams per liter as phosphorous	0.0013	0.00019	1.6	0.23	nd	-0.0018	-0.00026	-13	-1.9	nd
01394500	TP	2000	2010	milligrams per liter as phosphorous	0.0042	0.00042	5.1	0.51	nd	-0.0018	-0.00018	-13	-1.3	nd
01394500	TP	2000	2011	milligrams per liter as phosphorous	0.0057	0.00052	6.9	0.63	nd	-0.0016	-0.00015	-12	-1.1	nd
01394500	TP	2000	2012	milligrams per liter as phosphorous	0.007	0.00058	8.5	0.71	nd	-0.0016	-0.00013	-12	-0.97	nd
01394500	TP	2000	2016	milligrams per liter as phosphorous	0.013	0.00081	16	0.98	nd	-0.00085	-5.30E-05	-6.3	-0.39	nd
01394500	TP	2007	2010	milligrams per liter as phosphorous	0.0029	0.00096	3.4	1.1	nd	-1.40E-05	-4.60E-06	-0.12	-0.039	nd
01394500	TP	2007	2011	milligrams per liter as phosphorous	0.0044	0.0011	5.2	1.3	nd	0.00017	4.20E-05	1.4	0.36	nd

01394500	TP	2007	2012	milligrams per liter as phosphorous	0.0057	0.0011	6.8	1.4	nd	0.00022	4.50E-05	1.9	0.38	nd
01394500	TP	2007	2016	milligrams per liter as phosphorous	0.012	0.0013	14	1.5	0.06	0.00095	0.00011	8.2	0.91	0.37
01394500	TP	2010	2011	milligrams per liter as phosphorous	0.0015	0.0015	1.7	1.7	nd	0.00018	0.00018	1.6	1.6	nd
01394500	TP	2010	2012	milligrams per liter as phosphorous	0.0028	0.0014	3.3	1.6	nd	0.00024	0.00012	2	1	nd
01394500	TP	2010	2016	milligrams per liter as phosphorous	0.0088	0.0015	10	1.7	nd	0.00097	0.00016	8.3	1.4	nd
01394500	TP	2011	2012	milligrams per liter as phosphorous	0.0013	0.0013	1.5	1.5	nd	5.50E-05	5.50E-05	0.47	0.47	nd
01394500	TP	2011	2016	milligrams per liter as phosphorous	0.0073	0.0015	8.3	1.7	nd	0.00079	0.00016	6.6	1.3	nd
01394500	TP	2012	2016	milligrams per liter as phosphorous	0.0059	0.0015	6.7	1.7	0.06	0.00073	0.00018	6.1	1.5	0.15