3506390815814 Municipal Reservoir No.1 at Dam nr. Fingerville,SC

Undefined Basin

LOCATION.--Lat 35°06′39″, long 81°58′14″ referenced to North American Datum of 1983, Spartanburg County, SC, Hydrologic Unit is unknown.

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 3

[Remark codes: <, less than; E, estimated.]

Date	Barometric pressure, mm Hg (00025)	UV absorbance, 254 nm, wat flt units /cm (50624)	UV absorbance, 280 nm, wat flt units /cm (61726)	Dissolved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf µS/cm @ 25 degC (00095)	Temperature, water, deg C (00010)	Transparency Secchi disc, meters (00078)	Sampling depth, meters (00098)	Dissolved solids dried @ 180degC wat flt mg/L (70300)	Loss on ignition of suspended solids, mg/L (00535)	Suspended solids, water, unfltrd mg/L (00530)	Calcium water, fltrd, mg/L (00915)
Oct													
02...	738	.038	.026	8.0	7.3	50	22.5	1.90	1.0	37	<10	<15	3.23
02...	738	.040	.028	4.1	6.9	51	21.8	1.90	6.0	39	<10	<15	3.25
Jan													
22...	742	.041	.028	11.0	6.6	48	6.0	1.23	1.0	33	<10	<15	3.06
22...	742	.041	.028	10.9	6.9	48	6.0	1.23	6.0	36	<10	<15	2.99
22...	742	.041	.028	10.8	6.8	48	6.0	1.23	--	39	<10	<15	3.00
Mar													
12...	742	.046	.033	11.6	7.5	44	12.4	1.10	--	31	<10	<15	2.83
12...	742	.045	.032	10.5	7.2	44	9.0	1.10	6.0	34	<10	<15	2.84
Apr													
23...	741	.058	.043	10.1	7.6	42	18.7	1.80	1.0	40	10	<15	2.64
23...	741	.051	.037	--	7.4	42	17.3	1.80	--	40	<10	<15	2.67
23...	741	.052	.039	7.0	6.4	43	15.8	1.80	6.0	35	<10	<15	2.69
May													
14...	746	.052	.037	7.8	7.3	43	23.0	1.70	--	27	<10	<15	2.71
14...	746	.050	.035	3.2	5.5	46	21.1	1.70	6.0	31	<10	<15	2.79
Jun													
24...	737	.048	.034	6.8	7.5	43	28.6	1.80	--	32	<10	<15	2.62
24...	737	.051	.037	1.5	5.5	45	26.6	1.80	6.0	32	<10	<15	2.63

3506390815814 Municipal Reservoir No.1 at Dam nr. Fingerville,SC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 2 of 3
[Remark codes: <, less than; E, estimated.]

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801)	Chloride, water, fltrd, mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate water, fltrd, mg/L (00945)	Ammonia water, fltrd, mg/L as N (00608)	Nitrate + nitrite water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L as P (00666)
Oct													
02...	1.45	1.40	3.55	19	3.00	E.05	10.4	1.68	<.020	<.016	<.002	E.003	<.006
02...	1.45	1.43	3.62	20	2.99	<.08	10.7	1.74	.069	<.016	<.002	<.008	<.006
Jan													
22...	1.29	1.38	3.49	19	3.02	E.05	12.0	2.01	.103	.076	E.002	E.004	<.006
22...	1.28	1.33	3.48	19	3.02	<.08	12.0	2.01	.098	.068	E.002	E.004	<.006
22...	1.28	1.35	3.43	19	3.01	E.04	12.0	2.01	.106	.067	.002	<.008	<.006
Mar													
12...	1.23	1.41	3.37	15	3.02	<.08	10.7	2.61	<.020	.124	E.001	<.008	E.003
12...	1.25	1.40	3.43	16	2.99	<.08	11.1	2.65	.042	.129	E.001	<.008	<.006
Apr													
23...	1.19	1.29	3.04	14	2.82	<.08	9.4	2.44	<.020	.052	E.001	E.004	.006
23...	1.20	1.34	3.03	15	2.83	<.08	9.5	2.45	E.018	.064	E.001	E.005	E.004
23...	1.21	1.28	3.06	15	2.85	<.08	9.6	2.49	.041	.083	E.001	E.005	E.005
May													
14...	1.24	1.32	3.00	15	2.80	<.08	8.5	2.36	E.011	<.016	<.002	E.005	<.006
14...	1.26	1.31	2.98	16	2.79	<.08	8.9	2.41	.084	.038	<.002	E.005	<.006
Jun													
24...	1.15	1.18	2.96	14	2.71	<.08	8.9	2.08	<.020	<.016	<.002	E.005	E.004
24...	1.15	1.14	2.87	15	2.65	<.08	9.3	2.10	.056	<.016	<.002	E.005	<.006

3506390815814 Municipal Reservoir No.1 at Dam nr. Fingerville,SC—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 3 of 3
[Remark codes: <, less than; E, estimated.]

Date	Phos-phorus, water, unfltrd mg/L as P (00665)	Total nitro-gen, wat flt by anal ysis, mg/L (62854)	Total nitro-gen, wat unf by anal ysis, mg/L (62855)	Actino-mycetes SPC, double agar layer, col/mL (63688)	Biomass phyto-plank--ton, ashfree drymass mg/L (49953)	Biomass plank-ton, ash wgt mg/L (81353)	Biomass plank-ton, dry wgt mg/L (81354)	Chloro-phyll a phyto-plank-ton, fluoro, µg/L (70953)	Chloro-phyll, tot, wt 650-700 nm, in situ µg/L (62361)	Pheo-phytin a, phyto-plank-ton, µg/L (62360)	Iron, water, fltrd, µg/L (01046)	Mangan-ese, water, fltrd, µg/L (01056)	Organic carbon, water, fltrd, mg/L (00681)
Oct													
02...	.017	.14	.25	1	<12.0	517	525	18.5	10.8	6.3	19	.8	2.3
02...	.018	.21	.32	3	12.8	1,030	1,040	11.1	5.77	5.2	24	2.5	2.2
Jan													
22...	.015	.34	.40	5	<6.0	263	267	11.1	9.30	3.8	31	3.2	1.9
22...	.015	.33	.40	3	<6.0	260	264	10.9	8.90	4.1	30	2.6	2.1
22...	.014	.30	.44	--	<6.0	259	263	10.6	9.05	3.9	31	2.9	2.1
Mar													
12...	.019	.28	.29	26	<6.0	258	263	14.3	11.8	5.5	38	.6	2.3
12...	.014	--	.28	31	<7.5	323	328	10.7	11.5	3.6	37	1.2	2.2
Apr													
23...	.019	.22	.34	--	<10.0	433	441	8.9	5.60	5.2	108	1.5	2.6
23...	.018	.26	.31	2	<10.0	428	438	8.3	6.60	4.0	97	2.0	2.6
23...	.014	.26	.32	1	<10.0	424	431	5.3	4.30	3.9	77	2.9	2.3
May													
14...	.013	.19	.25	<1	<10.0	431	436	8.0	7.15	5.2	20	.8	2.7
14...	.012	.29	.33	3	<10.0	421	423	4.7	2.50	4.2	20	1.1	2.4
Jun													
24...	.018	.18	.27	<10	<12.0	524	536	11.1	4.70	5.4	26	.6	2.6
24...	.019	.21	.25	18	<12.0	524	535	4.8	1.00	4.3	104	9.8	2.2