

CERTIFICATE OF ANALYSIS

CAMBRIDGE DEPARTMENT OF PUBLIC WORKS
 147 HAMPSHIRE ST.
 CAMBRIDGE, MA 02139

Report No.: 39720

Report Date: 2/22/07

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RE: CHARLES RIVER EPA-DEP STORM DRAIN SAMPLES

Sample Collection: Samples collected by client on date: 2/8/07

Received Date/Time: 2/8/07, 1:30 PM

Analytical Results:

SAMPLE ID	1	2	3	4	5	6	7	8	9	10	11	12	13
DATE COLLECTED	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07	2/8/07
LOCATION	Broad Canal	Main Street	Wadsworth	Ames St.	Danforth Street	Endicott Street	Flagg Street	Dewolfe Street	JFK Street West	JFK Street East	University Road	Sparks Street	Brewer
pH Value (S. U.)	6.69	7.39	6.96	6.78	6.92	7.75	7.08	7.17	7.06	No Flow	7.03	7.09	Dry
Conductivity (µmhos/cm)	516	399	1385	245	493	823	526	803	751	No Flow	1529	773	Dry
Fecal Coliform (CFU/100mL)	< 100	< 100	140,000	< 100	< 100	TNTC	100	< 100	100	No Flow	< 100	6200	Dry
E. Coli (CFU/100mL)	< 100	< 100	100	< 100	< 100	TNTC	< 100	< 100	200	No Flow	< 100	5700	Dry
Enterococci (CFU/100mL)	< 100	< 100	4400	< 100	< 100	TNTC	< 100	< 100	< 100	No Flow	100	1800	Dry
Ammonia Nitrogen (mg/L)	0.200	0.410	2.28	1.69	1.36	58.0	0.140	5.40	0.190	No Flow	1.64	0.760	Dry
Total Kjeldhal Nitrogen (mg/L)	< 0.5	< 0.5	11	2.6	1.6	36	< 0.5	5.0	< 0.5	No Flow	1.3	1.0	Dry
Nitrate Nitrogen (mg/L)	2.08	1.87	22.2	2.17	1.49	13.8	2.99	2.55	2.48	No Flow	2.96	3.99	Dry
Total Phosphorus (mg/L)	0.035	< 0.020	1.2	0.089	0.021	6.7	0.033	0.44	0.028	No Flow	0.040	0.13	Dry
Biochemical Oxygen Demand (mg/L)	6.3	4.7	12.46	13	13	98.64	4.8	9.1	3.9	No Flow	4.9	7.3	Dry
Total Suspended Solids (mg/L)	10	10	140	40	20	300	50	20	10	No Flow	20	50	Dry

TNTC: too numerous to count

G & L Laboratories, Inc.

 2/21/07

Diana Liu
 Lab Director

Date