

CERTIFICATE OF ANALYSIS

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

Report No.: 37815

Report Date: 8/17/06

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RE: CHARLES RIVER EPA-DEP STORM DRAIN SAMPLES

Sample Collection: Samples collected by Client

Received Date/Time: 7/27/06, 2:06 PM

Analytical Results:

SAMPLE ID	1	2	3	4	5	6	7	8	9	10	11	12	13
DATE COLLECTED	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06	7/27/06
LOCATION	Broad Canal	Main Street	Wadsworth Street	Ames Street	Endicott Street	Danforth Street	Flagg Street	Dewolf Street	John F. Kennedy Street West	University Road	Sparks Street	JFK East	Brewer
pH Value (S. U.)	6.81	8.37	7.50	6.94	7.03	6.79	7.07	7.32	7.01	7.15	7.28	No Flow	Dry
Conductivity (umhos/cm)	456	421	4423	440	853	344	428	711	372	920	812	No Flow	Dry
Fecal Coliform (CFU/100mL)	80	< 10	360,000	450	12,000	40	330	< 10	70	90	29,000	No Flow	Dry
E.Coli (CFU/100mL)	10	< 10	11,000	40	8,200	60	200	< 10	70	160	22,000	No Flow	Dry
Enterococci (CFU/100mL)	< 10	< 10	8,400	50	350	40	80	< 10	80	130	1,600	No Flow	Dry
Ammonia Nitrogen (mg/L)	1.09	0.63	1.21	0.61	2.59	0.53	0.23	1.44	0.34	0.98	0.18	No Flow	Dry
Total Kjeldhal Nitrogen (mg/L)	0.52	1.4	3.5	0.56	4.6	< 0.5	< 0.5	2.7	0.61	0.98	< 0.5	No Flow	Dry
Nitrate Nitrogen (mg/L)	1.57	1.43	1.91	1.88	2.09	1.66	1.88	2.13	1.59	1.97	3.39	No Flow	Dry
Total Phosphorus (mg/L)	0.070	0.028	0.56	0.085	0.78	0.12	0.092	0.26	0.091	0.61	0.061	No Flow	Dry
Biochemical Oxygen Demand (mg/L)	< 2	< 2	4.5	3.4	14	3.4	< 2	2.9	2.5	< 2	< 2	No Flow	Dry
Total Suspended Solids (mg/L)	20	10	70	30	40	20	20	30	40	40	20	No Flow	Dry

Lab. Director

Diana Liu

Diana Liu,

Date

8/21/06