

CERTIFICATE OF ANALYSIS

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

Report No.: 46897
 Report Date: 12/2/08
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RE: CHARLES RIVER EPA-DEP STORM DRAIN SAMPLES

Sample Collection: Samples collected by client on date of November 5, 2008

Sample Received Date/Time: 11/5/08, 1:25 PM

SAMPLE ID	1	2	3	4	5	6	7	8
DATE COLLECTED	11/5/08	11/5/08	11/5/08	11/5/08	11/5/08	11/5/08	11/5/08	11/5/08
LOCATION	Maignon Road	Acorn Park	Outfall North of Cambridge Park Dr.	Wheeler Street	Blanchard Road	Huron Ave	Normandy Terrace	St. Sauver Ct.
pH Value (S. U.)	6.39	6.94	6.88	7.53	6.65	7.24	6.99	7.41
Conductivity (µmhos/cm)	516	622	710	459	493	378	584	606
Fecal Coliform (CFU/100mL)	170,000	< 100	< 100	< 100	1730	19,300	800	3500
E.Coli (CFU/100mL)	730	100	< 100	< 100	910	13,000	2000	3900
Enterococci (CFU/100mL)	< 100	100	< 100	< 100	100	1000	700	1730
Ammonia Nitrogen (mg/L)	14.6	0.170	1.85	0.440	0.780	2.65	0.950	0.490
Total Kjeldhal Nitrogen (mg/L)	< 0.50	2.3	< 0.50	< 0.50	0.70	2.9	1.1	< 0.50
Nitrate Nitrogen (mg/L)	< 0.0058	0.108	< 0.0058	0.0079	3.82	2.10	1.20	2.57
Total Phosphorus (mg/L)	0.027	0.24	0.025	0.047	0.11	0.84	0.035	0.071
Biochemical Oxygen Demand (mg/L)	< 2	187	9.8	< 2	< 2	12	3.6	2.2
Total Suspended Solids (mg/L)	550	20	20	60	30	1150	50	20

Lab. Director



Diana Liu, Date

12/2/08