

CERTIFICATE OF ANALYSIS

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

Report No.: 46161

Report Date: 9/10/08

Page 1 of 1

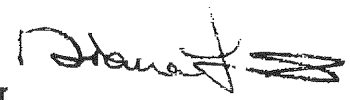
RE: CHARLES RIVER EPA-DEP STORM DRAIN SAMPLES

Sample Collection: Samples collected by client on date: 8/18/08

Sample Received Date/Time: 8/18/08, 1:45 PM

SAMPLE ID	1	2	3	4	5	6	7	8	9	10	11	12
DATE COLLECTED	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08	8/18/08
LOCATION	Broad Canal	Main Street	Wadsworth	Ames	Endicoff	Flagg Street	Dewolfe Street	JFK Street	JFK East	University Ave	Sparks Street	Brewer Street
pH Value (S. U.)	7.18	9.30	8.11	6.87	7.18	7.09	7.64	7.20	6.52	7.22	7.34	No Flow
Conductivity (µmhos/cm)	330	362	1059	2390	717	399	647	283	98.5	1030	746	No Flow
Fecal Coliform (CFU/100mL)	500	< 100	400	< 100	7640	2270	< 100	500	730	730	3720	No Flow
E.Coli (CFU/100mL)	< 100	< 100	200	< 100	7820	100	< 100	300	200	200	3180	No Flow
Enterococci (CFU/100mL)	< 100	< 100	< 100	< 100	500	< 100	< 100	< 100	< 100	400	300	No Flow
Ammonia Nitrogen (mg/L)	0.32	0.54	0.62	5.30	0.63	0.27	0.32	0.35	0.17	< 0.08	0.02	No Flow
Total Kjeldhal Nitrogen (mg/L)	0.51	< 0.50	2.1	5.5	1.0	< 0.50	< 0.50	< 0.50	0.81	1.6	< 0.50	No Flow
Nitrate Nitrogen (mg/L)	1.98	1.45	3.45	1.88	1.81	1.98	1.76	1.69	1.86	1.69	3.23	No Flow
Total Phosphorus (mg/L)	0.038	< 0.010	0.70	0.016	0.061	0.049	0.077	0.042	0.093	0.050	0.070	No Flow
Biochemical Oxygen Demand (mg/L)	2.1	< 2	6	< 2	< 4	< 2	< 2	< 2	5.0	< 2	< 2	No Flow
Total Suspended Solids (mg/L)	7.0	38	22	34	5.0	10	22	13	700	14	4.0	No Flow

Lab. Director



Diana Liu,

Date

9/10/08