

CERTIFICATE OF ANALYSIS

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

Report No.: 49203

Report Date: 8/17/09

Page 1 of 1


RE: CHARLES RIVER EPA-DEP STORM DRAIN SAMPLES
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Sample Collection: Samples collected by client on date of July 15, 2009

Sample Received Date/Time: 7/15/09, 12:20 PM

SAMPLE ID	1	2	3	4	5	6	7	8	9	10	11	12
DATE COLLECTED	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09	7/15/09
LOCATION	Broad Canal	Main Street	Wadsworth Street	Ames Street	Endicoff Street	Hingham Street	Flagg Street	Dewolf Street	JFK West	University Road	Sparks Street	JFK East
pH Value (S. U.)	6.56	8.91	7.21	6.59	7.05	6.95	6.79	7.06	6.76	6.98	7.19	No Flow
Conductivity (µmhos/cm)	370	362	527	775	528	833	429	845	304	1029	1047	No Flow
Fecal Coliform (CFU/100mL)	1200	< 100	< 100	1600	1700	24,000	< 100	< 100	700	< 100	6900	No Flow
E.Coli (CFU/100mL)	< 100	< 100	< 100	< 100	800	500	< 100	< 100	200	< 100	3200	No Flow
Enterococci (CFU/100mL)	< 100	< 100	< 100	100	< 100	< 100	100	< 100	< 100	< 100	5300	No Flow
Ammonia Nitrogen (mg/L)	0.12	0.47	1.0	0.21	0.83	0.27	0.098	0.77	0.11	0.82	0.23	No Flow
Total Kjeldhal Nitrogen (mg/L)	0.71	0.59	2.1	0.73	1.4	0.92	< 0.50	1.3	< 0.50	1.3	0.62	No Flow
Nitrate Nitrogen (mg/L)	0.49	0.57	0.75	0.47	0.36	0.38	0.62	1.2	0.41	0.95	3.3	No Flow
Total Phosphorus (mg/L)	0.046	< 0.020	0.10	0.097	0.10	0.53	0.060	0.097	0.046	0.025	0.077	No Flow
Biochemical Oxygen Demand (mg/L)	2.2	< 2.0	6.1	< 2.0	< 2.0	2.4	< 2.0	3.4	3.0	< 2.0	< 2.0	No Flow
Total Suspended Solids (mg/L)	9.0	9.0	84	20	17	34	12	25	46	16	15	No Flow
Total Oil & Grease (mg/L)	—	—	—	—	< 5.00	—	—	—	—	—	—	No Flow

G & L Laboratories, Inc.


 Diana Liu
 Lab Director

8/18/09