CERTIFICATE OF ANALYSIS

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

Report No.: 50810
Report Date: 11/24/09

RE: ALEWIFE BROOK EPA-DEP STORM DRAIN SAMPLES

Sample Collection: Samples collected by client on date of November 9, 2009
Sample Received Date/Time: 11/9/09, 12:35 PM
Analytical Results:

SAMPLE ID	A	B	C	D	E	F	G	H
DATE COLLECTED	11/9/09	11/9/09	11/9/09	11/9/09	11/9/09	11/9/09	11/9/09	11/9/09
LOCATION	St. Sauvear Court	Huron Ave.	Blanchard Rd.	Acorn Park	Outfall North of Cambridge Park Drive	Wheeler St.	Normandy Terrace	78 Normandy Ave.
pH Value (S.U.)	7.17	6.94	6.45	6.82	6.71	7.50	6.87	6.97
Conductivity (µmhos/cm)	688	415	563	687	742	556	597	1077
Fecal Coliform (CFU/100mL)	4,500	66,000	360	100	< 100	100	4700	> 100,000
E.Coli (CFU/100mL)	5400	26,000	800	100	< 100	< 100	3900	> 80,000
Enterococci (CFU/100mL)	1900	13,000	300	< 100	< 100	< 100	300	47,000
Ammonia Nitrogen (mg/L)	0.110	2.14	0.430	0.310	1.45	0.470	0.920	5.70
Total Kjeldhal Nitrogen (mg/L)	0.54	3.5	1.2	1.1	1.8	1.0	1.3	19
Nitrate Nitrogen (mg/L)	2.73	3.04	3.22	0.530	0.431	0.467	1.24	3.12
Total Phosphorus (mg/L)	0.052	0.34	0.11	0.10	0.050	< 0.02	< 0.02	7.1
Biochemical Oxygen Demand (mg/L)	< 2	2.6	< 2	2.7	3.7	< 2	2.0	22
Total Suspended Solids (mg/L)	40	50	20	30	40	30	50	140

G & L Labs, Inc.

11/25/09

Diana Liu **Date**
Lab Director