CERTIFICATE OF ANALYSIS

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

Report No.: 47991
Report Date: 5/22/09

RE: ALEWIFE BROOK EPA-DEP STORM DRAIN SAMPLES

Sample Collection: Samples collected by client on date of Apr 30, 2009
Sample Received Date/Time: 4/30/09, 11:58 AM
Analytical Results:

SAMPLE ID	1	2	3	4	5	6	7	8
DATE COLLECTED	4/30/09	4/30/09	4/30/09	4/30/09	4/30/09	4/30/09	4/30/09	4/30/09
LOCATION	St. Saveur Court Belmont 48"	Huron Avenue Belmont 39"	Blanchard Road @ Wellington Brook	Acorn Park	Outfall North of Cambridge Park Drive	Wheeler St.	Fawcett Street	Norrnardy Terrace
pH Value (S.U.)	7.22	7.10	6.72	7.16	6.99	7.85	No Flow	7.08
Conductivity (µmhos/cm)	682	533	594	767	928	652	No Flow	635
Fecal Coliform (CFU/100mL)	1,200	60,000	1800	360	200	< 100	No Flow	3500
E.Coli (CFU/100mL)	730	48,000	3600	520	< 100	< 100	No Flow	510
Enterococci (CFU/100mL)	1100	2500	2500	100	< 100	< 100	No Flow	100
Ammonia Nitrogen (mg/L)	0.33	1.04	0.36	0.30	2.42	0.70	No Flow	1.21
Total Kjeldhal Nitrogen (mg/L)	0.67	2.2	0.71	0.76	2.8	0.84	No Flow	1.2
Nitrate Nitrogen (mg/L)	3.04	2.94	3.62	0.789	0.535	0.970	No Flow	1.69
Total Phosphorus (mg/L)	0.039	0.13	0.023	0.026	< 0.020	< 0.020	No Flow	0.020
Biochemical Oxygen Demand (mg/L)	2.0	2.2	< 2	2.7	< 2	< 2	No Flow	2.1
Total Suspended Solids (mg/L)	20	10	30	40	40	30	No Flow	20

G & L Laboratories, Inc.

5/22/09

Diana Liu
Lab Director