

CERTIFICATE OF ANALYSIS

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

Report No.: 43030
 Report Date 11/16/07
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RE: ALEWIFE BROOK EPA-DEP STORM DRAIN SAMPLES

Sample Collection: Samples collected by Client on date of Oct. 30, 2007

Analytical Results:

SAMPLE ID	A	B	C	D	E	F	G	H
DATE COLLECTED	10/30/07	10/30/07	10/30/07	10/30/07	10/30/07	10/30/07	10/30/07	10/30/07
LOCATION	St. Saviour Court Belmont 48"	Huron Avenue Belmont 39"	Blanchard Road @ Wellington Brook	Acorn Park	Outfall North of Cambridge Park Drive	Normady Terrace	Wheeler	Fawcett St.
pH Value (S.U.)	7.43	7.34	6.45	6.96	6.68	6.94	7.06	No Flow
Conductivity (µmhos/cm)	577	367	141	602	605	570	607	No Flow
Fecal Coliform / 100mL	3,100	21,000	1900	730	100	6600	< 100	No Flow
E. Coli / 100mL	3,700	21,000	550	500	100	4300	< 100	No Flow
Enterococci / 100mL	730	2,100	< 100	< 100	< 100	2000	< 100	No Flow
Ammonia Nitrogen (mg/L)	0.10	2.93	0.42	0.40	1.35	1.12	0.25	No Flow
Total Kjeldhal Nitrogen (mg/L)	1.0	6.5	1.5	2.2	3.5	2.5	1.4	No Flow
Nitrate Nitrogen (mg/L)	2.99	4.65	2.76	1.86	1.68	2.58	1.79	No Flow
Total Phosphorus (mg/L)	0.040	0.59	0.21	0.050	0.12	0.041	0.072	No Flow
Biochemical Oxygen Demand (mg/L)	< 2	2.0	2.2	2.1	< 2	< 2	< 2	No Flow
Total Suspended Solids (mg/L)	10	10	30	10	30	40	20	No Flow

G & L Laboratories, Inc.


 Diana Liu
 Lab Director