

CERTIFICATE OF ANALYSIS

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

Report No.: 35633

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RE: ALEWIFE BROOK EPA-DEP STORM DRAIN SAMPLES

Sample Received Date: 12/20/05

Samples Collected By: Client

ANALYTICAL RESULTS:

SAMPLE ID	1	2	3	4	5	6	7	8
DATE COLLECTED	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/20/2005
LOCATION	Outfall North of Cambridge Park Drive	Fawcette Street at Outfall	Wheeler	Normandy Terrace	St Savier Court Belomnt-48"	Huran Avaneue Belomnt-39"	Blanchard Road @ Wellington Brock	Acorn Park
pH (S.U.)	6.77	6.89	7.19	7.14	7.45	7.31	7.14	7.21
Conductivity (µmhos/cm)	972	724	1053	627	777	499	707	884
Fecal Coliform / 100mL	300	< 100	< 100	300	5100	21,000	2400	600
E.Coli / 100mL	< 100	< 100	< 100	200	5000	24,000	2600	300
Enterococci / 100mL	< 100	< 100	< 100	100	1200	1900	500	< 100
Ammonia Nitrogen (mg/L)	1.2	0.51	0.51	0.73	0.14	0.29	0.29	0.34
Total Kjeldhal Nitrogen (mg/L)	2.6	0.71	1.0	1.2	< 0.5	0.72	0.70	0.74
Nitrate Nitrogen (mg/L)	0.587	0.398	0.582	0.994	1.773	1.662	1.47	0.681
Total Phosphorus (mg/L)	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132	< 0.132	0.132
Biochemical Oxygen Demand (mg/L)	< 4	< 4	6.0	< 4	< 4	< 4	< 4	< 4
Total Suspended Solids (mg/L)	< 10	30	< 10	< 10	< 10	< 10	< 10	< 10

Methods: Standard Methods for the Analysis of Water & Wastewater, 20th edition, 1998, and Methods for Chemical Analysis of Water & Wastewater, EPA 600/4-79-020 (1983)

G & L Laboratories, Inc.

Diana Liu

Diana Liu
 Lab Director

Date

1/13/06