

Hydrocarbon Testing

The Numbers

8020 for MTBE d/l 2.0 ppb

Site #	5/21	5/23	5/26
3	2.5	2.7	<
5	<	2.5	<
6	<	2.3	<
7	<	20.5	<
8	5.2	11.8	<
9	<	<	<
10	<	220.4	<
11	<	<	<

8020 for Toluene d/l 2.0 ppb

Site #	5/21	5/23	5/26
3	3.9	4.2	<
5	<	3.5	7
6	3.1	6.3	<
7	<	35.2	<
8	6.4	22.1	<
9	3.8	2.2	<
10	6.4	86.1	19.6
11	<	2.7	<

8020 for M & P Xylene d/l 4.0 ppb

Site #	5/21	5/23	5/26
3	4.3	<	<
5	<	<	<
6	<	6.6	<
7	5.9	7.4	<
8	14.3	12.9	<
9	12.9	<	<
10	56	75.4	102.7
11	5.5	<	<

8020 for Benzene d/l 2.0 ppb

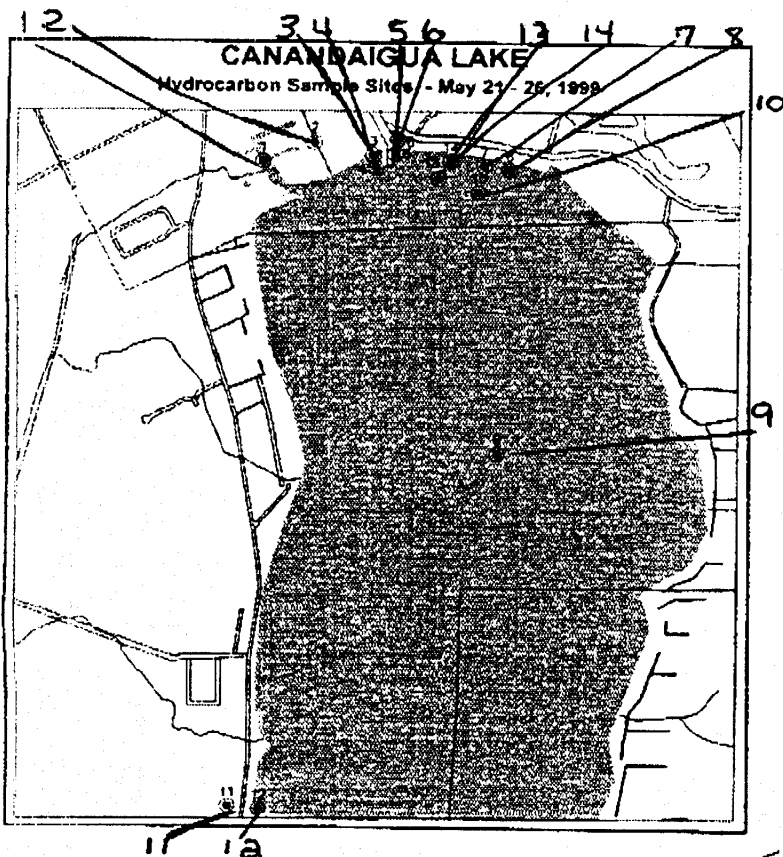
Site #	5/21	5/23	5/26
3	<	<	<
5	<	<	<
6	<	<	<
7	<	3.8	<
8	<	<	<
9	<	<	<
10	<	32.4	<
11	<	<	<

8020 for Ethylbenzene d/l 2.0 ppb

Site #	5/21	5/23	5/26
3	<	<	<
5	<	<	<
6	<	<	<
7	<	6.4	<
8	<	2.9	<
9	4.7	<	<
10	18.3	10.6	22.8
11	<	<	<

8020 for O Xylene d/l 2.0 ppb

Site #	5/21	5/23	5/26
3	<	<	<
5	<	<	<
6	<	<	<
7	<	7.9	<
8	3.1	4.5	<
9	3.9	<	<
10	10.9	16.1	47
11	<	<	<



TPHgas d/l 100 ppb

Site #	5/21	5/23	5/26
3	101	407	<
5	<	100	222
6	<	105	<
7	239	201	<
8	676	139	<
9	143	<	<
10	604	1428	6182
11	166	<	<

310.13 for Unknown Hydrocarbons d/l 0.1 ppm

Site #	5/21	5/23	5/26
3	0.7	0.61	n/a
5	1.32	0.97	1.11
6	0.58	0.52	0.61
7	0.5	0.84	0.61
8	0.56	0.42	0.84
9	0.44	0.76	n/a
10	0.5	0.62	1.6
11	0.98	0.66	0.66

< = less than detection level
d/l = detection limit of testing apparatus

Summer Weekend - Boats

July 9-14

Off Kershaw Park

MTBE d/l 2.0 ppb

Site #	7/9	7/11	7/14
1	<	<	2.7
2	22.4	18.3	6.1
3	<(<)	4.1	<(<)
4	<(<)	<(<)	<(<)
5	<	<	<
6	<	<	<
7	<(<)	<(<)	<(<)
8	<	<	<

Ethylbenzene d/l 2.0 ppb

Site #	7/9	7/11	7/14
1	<	<	<
2	<	1.1	1.4
3	<(<)	<(<)	<(<)
4	<(<)	179(3.5)	<(<)
5	<	<	<
6	<	<	1.8
7	<(<)	<(<)	<(<)
8	<	<	<

O Xylene d/l 2.0 ppb

Site #	7/9	7/11	7/14
1	<	<	<
2	2.7	4.5	3.2
3	<(<)	<(<)	<(<)
4	<(<)	50.5(12.1)	<(<)
5	<	<	<
6	<	<	4.2
7	<(<)	<(<)	1.3/<
8	<	<	<

Benzene d/l 2.0 ppb

Site #	7/9	7/11	7/14
1	<	<	<
2	<	5.1	2.6
3	<(<)	2.5/<	<(<)
4	<(<)	2.6/<	<(<)
5	<	<	<
6	<	<	<
7	<(<)	<(<)	<(<)
8	<	<	<

M & P Xylene d/l 4.0 ppb

Site #	7/9	7/11	7/14
1	<	<	<
2	6.4	7.6	5.7
3	<(<)	3.0/<	<(<)
4	<(<)	130(31.6)	</3.4
5	<	<	<
6	<	<	1.6
7	<(<)	<(<)	3.8/<
8	<	<	<

TPHgas d/l 100 ppb

Site #	7/9	7/11	7/14
1	<	<	<
2	<	<	<
3	<(<)	<(<)	<(<)
4	<(<)	81.7(20.5)	<(<)
5	<	12.4	<
6	<	<	<
7	<(<)	<(<)	<(<)
8	<	<	<

Toluene d/l 2.0 ppb

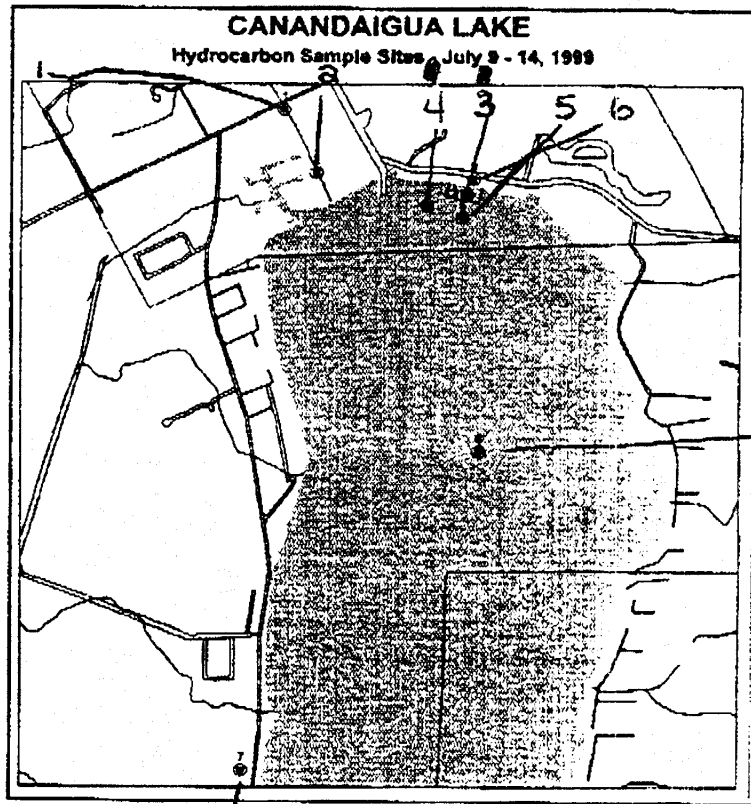
Site #	7/9	7/11	7/14
1	<	<	<
2	4.9	7.5	7.4
3	<(<)	<(<)	<(<)
4	<(<)	81.8(10.5)	<(<)
5	<	<	<
6	<	1.1	8.4
7	<(<)	<(<)	1.9/<
8	<	<	<

< = less than detection limit

<(<) = Duplicate samples both #s shown

Notes: approximately 60 boats anchored off Kershaw Park on 7/11 at time of sampling.

= in excess of standard or much higher than other values



MIBE d/l 2.0 ppb

Site #	7/17	7/18
Boats - E	3.5	
Boats - W	4.5	
Beach		</(4.1)
Boats - C	3.4	

Benzene d/l 2.0 ppb

Site #	7/17	7/18
Boats - E	<	
Boats - W	<	
Beach		<(<)
Boats - C		<

Toluene d/l 2.0 ppb

Site #	7/17	7/18
Boats - E	2.9	
Boats - W	2.9	
Beach		<(<)
Boats - C		<

Ethylbenzene d/l 2.0 ppb

Site #	7/17	7/18
Boats - E	2.9	
Boats - W	<	
Beach		<(<)
Boats - C		<

M & P Xylene d/l 2.0 ppb

Site #	7/17	7/18
Boats - E	2.9	
Boats - W	2.9	
Beach		<(<)
Boats - C		<

O Xylene d/l 2.0 ppb

Site #	7/17	7/18
Boats - E	2.9	
Boats - W	2.7	
Beach		<(<)
Boats - C		<

TPHgas d/l 100 ppb

Site #	7/17	7/18
Boats - E	<	
Boats - W	<	
Beach		<(<)
Boats - C		<

< = less than detection limit
 <(<) = Duplicate samples both #s shown
 d/l = detection limit

Notes: approximately 90 boats anchored off Kershaw Park on 7/17 at time of sampling.

~~2.9~~ = in excess of standard or much higher than other values
 E = eastside of boat anchorage area
 W = westside of boat anchorage area
 C = center of boat anchorage area