

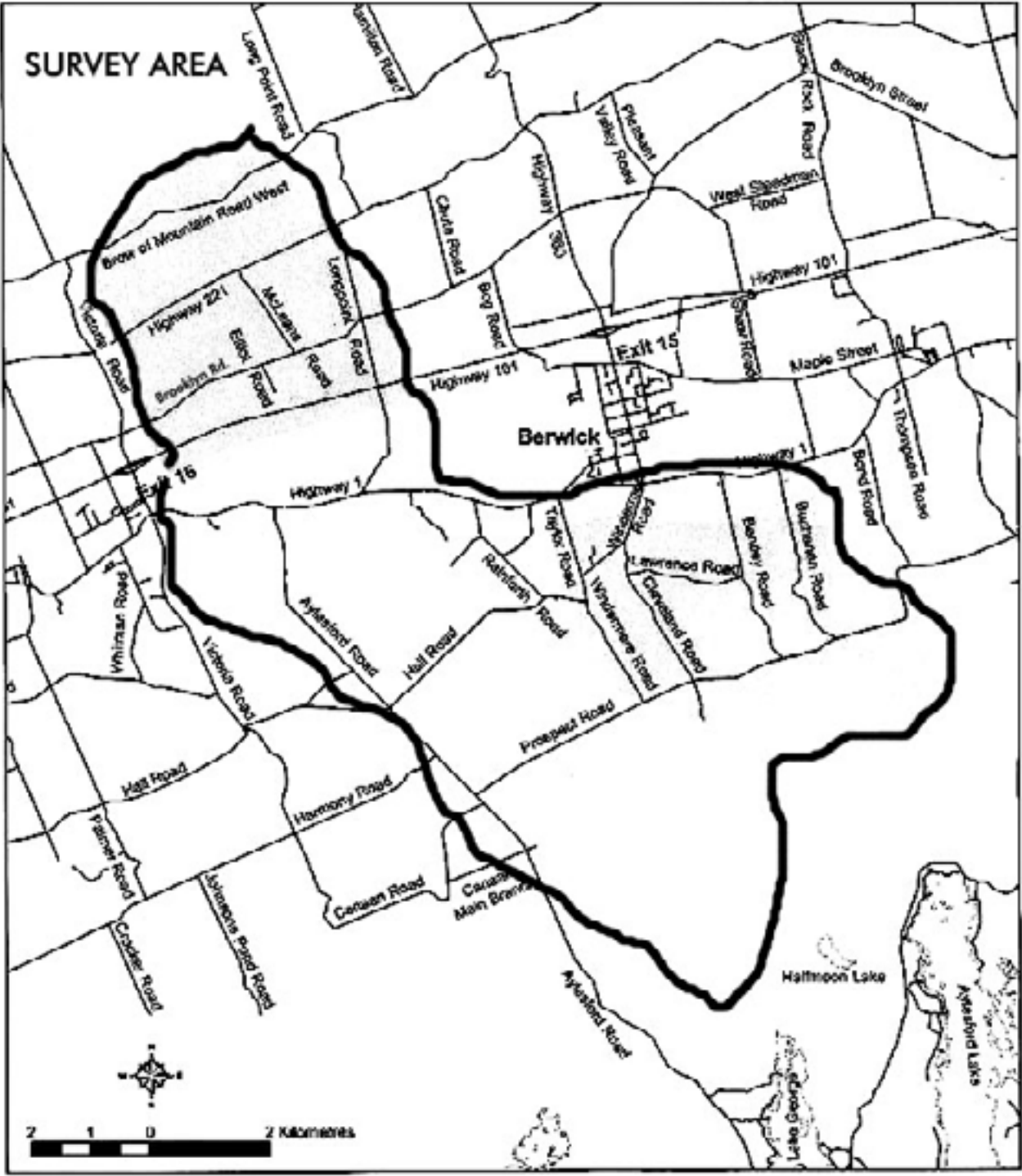
# Aylesford East Water & Wastewater Management Survey



Annapolis River from Victoria Road, November 2003 (Ken Maher, CARP)

This confidential in-person survey was conducted by CARP on behalf of the Aylesford East Pollution Abatement Steering Committee in the fall of 2003. Interviews were conducted with 273 property owners in the Aylesford-Berwick area.





Results of  
AYLESFORD EAST

WATER & WASTEWATER MANAGEMENT SURVEY

CLEAN ANNAPOLIS RIVER PROJECT

The following questions will help us determine the on-site septic system issues and disposal methods in the Aylesford East area. Please answer the questions to the best of your ability.

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	Resp.	%
<b>1) Describe your property</b>		
Single-family dwelling	1    245	92
Business	2    8	3
Apartment	3    3	1
Other	4    10	4
Please explain:		

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<b>2) Do you rent or own your property?</b>		
Rent	1    16	5.9
Own	2    257	94.1
<b>3) What is the size of your property?</b>		
Less than 1 acre	1    49	17.9
1 – 2 acres	2    85	31.1
3 + acres	3    132	48.4
Don't know	4    6	2.2
<b>4) How many years have you lived at this address?</b>		
1 – 5 years	1    71	26.0
6 – 10 years	2    40	14.7
11 – 20 years	3    56	20.5
20 + years	4    106	38.8
<b>5) What type of water supply do you use in your home?</b>		
Drilled well	1    192	71.1
Dug well	2    32	11.9
Sand point	3    19	7.0
Spring	4    20	7.4
Don't know	5    7	2.6
Other	6    0	0

6) How deep is your well? _____ (feet)	Average depth 112 feet		
7) How many occupants in your household? _____	Average 3.5		
8) How many bedrooms in your household?		Resp.	%
1 – 2	1	65	24.7
3 – 4	2	165	62.7
5 +	3	33	12.5
9) Have you ever had problems with your water supply?			
Yes	1	43	15.8
No	2	230	84.2
10) Have you ever had your water tested?			
Yes	1	211	77.2
No	2	62	22.7
11) If yes, what tests were done?			
a) Total Coliform			
Yes	1	91	33.0
No	2	182	67.0
b) Fecal Coliform			
Yes	1	89	32.6
No	2	184	67.4
c) Nutrients (e.g. nitrates, phosphates)			
Yes	1	55	20.0
No	2	218	88.0
d) Metals (e.g. copper, iron, lead, zinc)			
Yes	1	62	22.7
No	2	211	77.3
e) Do not know	3	40	14.7
f) Other	4	70	25.6

COMMENTS: "mortgage requirement"; "tested when house built / purchased";  
"water softener installed"; "well drilled"

12) Are you concerned about the quality of the drinking water in your area?			
Yes	1	102	37.4
No	2	171	62.6

13) How old is your home?

Age	Total	Percentage
0-10 years	30	11.32
11-20 years	47	17.74
21-30 years	51	19.25
31-40 years	21	7.92
41-50 years	22	8.30
51-100 years	55	20.75
100+ years	34	12.83

14) What type of septic system do you have?

	Resp.	%
Tank & Absorption/Distribution Field	1 232	85.0
Holding tank only	2 11	4.0
Cesspool	3 1	0.4
Straight pipe (drain to surface water or drainage ditch)	4 0	0
Other	5 7	2.6
Don't know	6 21	7.7

15) How old is your septic system?

1 – 5 years	1 48	17.6
6 – 10 years	2 26	9.5
11 – 20 years	3 62	22.7
21 + years	4 80	29.3
Don't know	5 51	18.7

16) Have you ever had problems with your septic systems?

Yes	1 23	8.4
No	2 250	91.6

17) If yes, what problems have you had?

a) Slow drainage in sink or other water using appliance	1 12	4.4
b) Drains or toilet occasionally back up	2 3	1.1
c) Liquid is visible on the ground surface	3 7	2.6
d) Other		

18) How often do you have problems with your system?

Never	1 250
1 to 5 times per year	2 14
5 to 10 times per year	3 0
10 +times per year	4 1

19) When do you generally have problems?		Resp.	%
Spring	1	5	
Summer	2	2	
Fall	3	3	
Winter	4	0	
After frequent or heavy rainfall	5	4	

20) If you have had problems with your septic system, has it been repaired?			
Yes	1	20	
No	2	3	

21) When did you last have your septic tank pumped?			
0 – 5 years	1	174	63.7
6 – 10 years	2	13	4.8
11 – 20 years	3	1	0.4
20 + years	4	1	0.4
Never	5	52	19.0
Don't know	6	26	9.5

22) In the space below, please sketch a simple diagram of where your well, septic system and house are located on your property. Please keep in mind that this sketch is only used to give an approximate location of where your water supply is in relation to your septic system.

Position	Total	Percentage
Opposite sides of house	105	39.0
Right angles	88	32.7
Same side of house	46	17.1
Don't know / no diagram	30	11.2
	269	

23) Would you be interested in further involvement with Clean Annapolis River Project and other organizations to create a plan to improve future wastewater management in this area?			
Yes	1	123	45.1
No	2	150	54.9



Annapolis River from Victoria Road, February 2004 (Ken Maher, CARP)