

Hutchinson

Environmental Sciences Ltd.

Lake of Bays Water Quality Report 2017

Prepared for: Lake of Bays Association

Job #: J100013

February 2018

Final Report

1-5 Chancery Lane, Bracebridge, ON P1L 2E3 | 705-645-0021 Suite 202 – 501 Krug Street, Kitchener, ON N2B 1L3 | 519-576-1711

February, 2018 HESL Job #: J100013

Ms. Deb Cumming Environment Committee Lake of Bays Association PO Box 8 Baysville, ON P0B 1A0

Dear Ms. Cumming:

Re: Lake of Bays Water Quality Report 2017

I am pleased to submit this final report for the Lake of Bays Water Quality Monitoring Program presenting the results of total phosphorus and bacteria sampling from the summer of 2017.

As in previous years, total phosphorus and bacteria levels were well below applicable Provincial guidelines indicating excellent water quality in 2017. Statistically significant trends in total phosphorus were recorded in the Deep Water stations since 2002, and for the first time are apparent at several individual sampling stations, however our analysis suggest that these patterns are strongly correlated with natural regional precipitation patterns.

I thank you and the Lake of Bays Association for the continued opportunity to assist with this project.

Sincerely,

per: Hutchinson Environmental Sciences Ltd.

Kristopher Hadley, Ph.D.

Kuis Hadley

kris.hadley@environmentalsciences.ca

Signatures

Report prepared by:

Kristopher Hadley, Ph.D. Aquatic Scientist

Kuis Hadley

Neil Hutchinson, Ph.D. Principal Aquatic Scientist

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1. Introduction

Since 2001, the Lake of Bays Association (LOBA) has championed a volunteer-based water quality monitoring program in Lake of Bays. The aim of the program is to characterize phosphorus and bacteria levels as an indication of general lake and watershed health and to compare different sites across the lake, while fostering community involvement and education.

Although LOBA had been monitoring spring turnover phosphorus levels as part of the Ministry of Environment's Lake Partnership Program, LOBA's independent monitoring program began with a pilot study in 2000 to monitor bacteria levels in the lake during the summer. This project was successful and deemed valuable and LOBA expanded the area of study in the summer of 2001 to include near-shore sites adjacent to developed and undeveloped properties and areas influenced by wetlands and rivers. In 2002, the program was again expanded to include monitoring of total phosphorus concentrations in near-shore areas and in the Hollow and Oxtongue rivers and river deltas (deep water sites were already being monitored). Site selection has changed as our understanding of water quality conditions in Lake of Bays has increased and, since 2009, sampling has focused on deep water sites and nearshore undisturbed locations and our source water rivers.

The LOBA monitoring program continues to focus on total phosphorus concentrations. For recreational lakes on the Precambrian Shield like Lake of Bays, water quality concerns are most often associated with nutrient enrichment due to increased human phosphorus sources. Phosphorus is a natural element in the environment and enters lakes from the atmosphere through precipitation, from streams and overland flow, and to a lesser degree through groundwater. Human sources to recreational lakes include storm water runoff and erosion from altered land uses, fertilizers on manicured lawns and faulty septic systems. Increases in phosphorus loads to lakes from human sources can result in increased growth of aquatic plants and algae, which in turn can lead to a deterioration of water clarity and decrease deep-water oxygen concentrations that affect coldwater fish habitat.

Sampling frequency for bacteria (total coliform and *Escherichia coli*) was reduced to every other year from 2009 to 2013 because earlier monitoring results were very consistent between sites and years and near background levels. Previous monitoring reports have suggested that a reduction in bacteria sampling was warranted; beginning in 2016, it was recommended that sampling be conducted annually at the nearshore sites on one sampling event in mid-summer, and on all sampling events every five years thereafter. The reduced sampling frequency will continue to allow assessment of long-term trends, while increasing resources to expand the program to include other parameters of interest to the Association and maintaining familiarity with bacteria sampling techniques.

The program continues to demonstrate that Lake of Bays is a clear water lake with low phosphorus and bacteria levels and no obvious impact of development on water quality. In this report we present the results of the summer phosphorus monitoring completed by the LOBA in 2017 and discuss them in the context of long-term water quality data collected by the LOBA and local precipitation records.

2. Methods

Volunteers, coordinated by the LOBA Environment Committee, collected samples for analysis of total phosphorus on five occasions during the summer of 2016 (July 3 and 23, August 7 and 21, and September 1) and on one occasion (August 7) for bacteria (*E. coli* and total coliforms). The sampling and analytical methods in 2017 were consistent with those used in previous monitoring years and are summarized below. Detailed sampling instructions that are provided to the volunteers are presented in Appendix A.

2.1 Sample Collection

Water samples for bacteria and total phosphorus were collected at 20 sites in Lake of Bays to include deep, open water locations ('Deep Water' sites, n=9), nearshore sites adjacent to developed ('Disturbed' sites, n=3) and undeveloped shorelines ('Nearshore Undisturbed' sites, n=5), and river (Oxtongue and Hollow rivers) and river-influenced (Oxtongue Delta) sites ('River' sites, n=3) (Table 1, Figure 1).

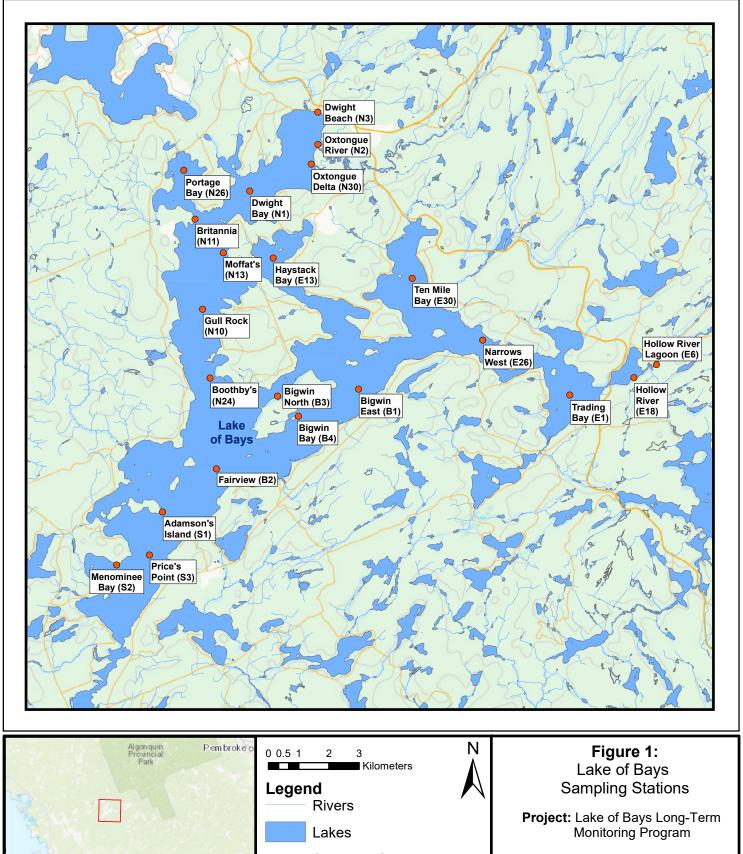
At each Deep Water site, a composite water sample was collected from the euphotic zone, at approximately two times the Secchi depth. At all other sites, the water sample was collected at a depth of ~30 cm. Four field duplicate samples for bacteria and 3 additional duplicates for laboratory analysis were collected in addition, 24 field duplicate samples for total phosphorus were collected to assess the variability of results related to sampling and analytical procedures (Table 1).

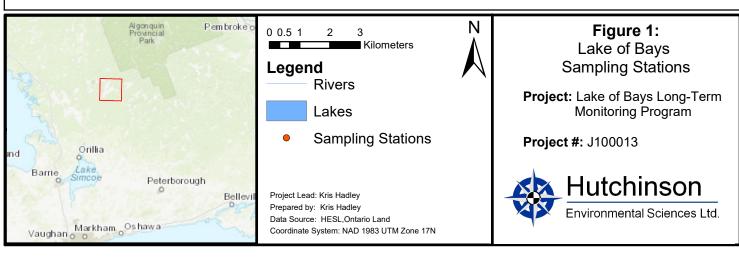
Phosphorus samples were coarse-filtered using a mesh filter in order to remove zooplankton (microscopic animals living in the water, such as water fleas) or other large debris that can contaminate the sample and result in non-representative, high phosphorus values (Clark et al. 2010). Samples were then directly poured into glass tubes used for phosphorus analysis, stored in a cool place and submitted for analysis to the Trent University laboratory at the MOECC Dorset Environmental Science Centre (DESC).

Table 1. 2017 Sampling Sites and Dates

Site Name	-	Bacteria Sampling								
	3-Jul	23-Jul	7-Aug	21-Aug	1-Sep	7-Aug				
	D	eep Wate	r Sites							
Bigwin East	-	1	1	2	1	2				
Dwight Bay	1	2	1	1	1	1				
Fairview	1	1	2	1	2	3				
Gull Rock	1	1	1	2	1	1				
Haystack Bay	1	1	1	1	1	2				
Portage Bay	1	1	2	1	1	1				
Price's Point	1	2	2	1	1	2				
Ten Mile Bay	1	1	1	1	1	1				
Trading Bay	1	1	1	2	2	2				
	[Disturbed	Sites							
Bigwin Bay	1	1	1	1 1		1				
Bigwin North	1	-	1	2	1	1				
Britannia	1	1	1	1	2	1				
	Near	shore Un	disturbe	d						
Adamson's Island	1	1	1	2	2	1				
Boothby's	1	-	2	1	1	2				
Menominee Bay	1	1	1	1	1	1				
Moffat's	2	-	1	1	1	2				
Narrows West	2	1	1	2	1	1				
River Sites										
Hollow River mouth*	1	2	1	1	1	1				
Oxtongue Delta	2	1	1	1	1	1				
Oxtongue River mouth*	1	1	2	2	1	1				

Notes: 1 = single sample collected, 2 = field duplicate samples collected, **2** = Coliform Lab Duplicate; - = no sample collected; 3 = Lab and Field Duplicates, *Sampled in the mouth of the rivers just upstream of their discharge to the lake.





2.2 Quality Control

2.2.1 Bacteria

Field duplicate bacteria concentrations were compared to assess variability in the results due to sampling and analysis by the Coliplate method.

In previous monitoring years, samples were also submitted to the Central Ontario Analytical Laboratory (COAL), an accredited laboratory in Orillia, Ontario, for membrane filtration analysis of total coliform and *E. coli* for comparison with the Coliplate method. Unfortunately, COAL was not able to process the samples in 2017 and therefore membrane filtration analysis of total coliforms and E. coli was performed by ALS Environmental.

2.2.2 Total Phosphorus

2.2.2.1 Field Duplicates

The phosphorus analytical methods used for the LOBA program are those used by the MOECC Lake Partner program at the DESC. The QA/QC results of that program were documented by Clark et al. (2010). They found that field duplicates analyzed at the DESC laboratory showed excellent agreement between sample pairs with an absolute mean difference of 0.7 μ g/L, but an increased percentage of the samples (5%) had larger than expected differences between field duplicates (i.e., >4 μ g/L). Separate experiments excluded sample container cleanliness, lab apparatus, variation in the sub 80μ -sample matrix, and external inputs of phosphorus as sources of contamination that would explain the measured differences and it remains unclear how these samples were contaminated. In almost every case, however, when these samples were reanalyzed, the retested pair of samples agreed with the lower of the original two samples in the bad field split. After testing hundreds of such pairs with sample returns from the Lake Partner Program, sufficient confidence was gained to allow the elimination of the higher of the two samples in cases where there are bad splits.

Bad splits in the LOBA dataset were identified for duplicate samples that were >35% different or had an absolute difference of >5 μ g/L (Hyatt et al., 2012). If a bad split was identified, the higher of the two values was discarded.

2.2.2.2 Outliers

In relatively small datasets like the LOBA data set, the calculation of average total phosphorus concentration is sensitive to outliers, that is, extreme values that are not representative of the site condition. Rosner's ESD Many-Outlier Procedure (Rosner's Test; Rosner, 1983) was performed in the R statistical Software Environment V. 3.3.3, using the "rosnerTest" function of the "EnvStats" package (Millard, 2013), to identify outliers in total phosphorus concentrations collected since 2002 for each LOBA monitoring site. This procedure detects high and low extreme values and is not limited for multiple outliers.

Statistically significant outliers (at p<0.05) were removed from the dataset for further analyses (as detailed in Section 3.1.3), but will be re-evaluated each year as additional data are collected, as outliers may, over time, indicate a change to average conditions.

2.3 Data Analysis

2.3.1 Bacteria

Bacteria (*E. coli* and total coliform) levels were compared to the Provincial Water Quality Objectives (PWQO) for recreational water use (MOEE, 1994). For total coliform, the PWQO is 1,000 colony forming units (cfu) per 100 mL, based on a geometric mean for a series of water samples and is intended as a general guideline. Bacterial assessment of water quality should be based on more specific fecal bacteria indicators such as *E. coli*. The PWQO for *E. coli* is 100 cfu per 100 mL, based on a geometric mean of at least five samples taken from one site within one month. Where testing indicates sewage or fecal contamination, a site-specific judgment must be made as to the severity of the problem and the appropriate course of action.

2.3.2 Total Phosphorus

Mean total phosphorus concentrations were calculated for each site and site type for the 2017 monitoring period following the assessment of bad splits between duplicate samples and outliers.

Total phosphorus results were evaluated against the interim PWQO for phosphorus, which suggests average ice-free period TP concentrations should not exceed 20 μ g/L in order to avoid nuisance algal growth and that maintaining TP concentrations at or below 10 μ g/L provides protection against aesthetic deterioration (MOE 1994). Furthermore, excessive macrophyte growth in rivers and streams should be reduced below 30 μ g/L of TP (MOEE, 1994).

Mann Kendall Trend analysis was performed using the "mk.test" and "sens.slope" functions of the "Trend" package in R (Pohlert, 2017) to assess any long-term changes in total phosphorus concentrations over time (2002-2017) for each site.

3. 2017 Monitoring Results

3.1 Quality Control

3.1.1 Bacteria

The quality control program of the Coliplate samples in 2017 provided a high degree of confidence in the sampling protocols and analyses for bacteria (Figure 2). The maximum differences between bacteria duplicates using the Coliplate method was 3 cfu/100 mL for *E. coli* and 6 cfu/100 mL for total coliforms. Lab results, based on the membrane filter technique, for E. coli also showed good agreement with values collected by the Coliplate method (Table 5), however lab data for total coliforms was significantly higher than those gathered using the Coliplate method (Table 5). Total coliform samples analyzed in the lab were flagged due to sample matrix effects (e.g., chemical interference, colour or turbidity), which required a dilution of the sample and therefore an adjustment of the detection limit to 100 cfu/100mL. Therefore, a count of 800 cfu/100mL represents 8 colonies observed multiplied by a dilution factor for the sample which may lead to an over-estimation of actual bacteria concentrations if the sample is not homogeneous.

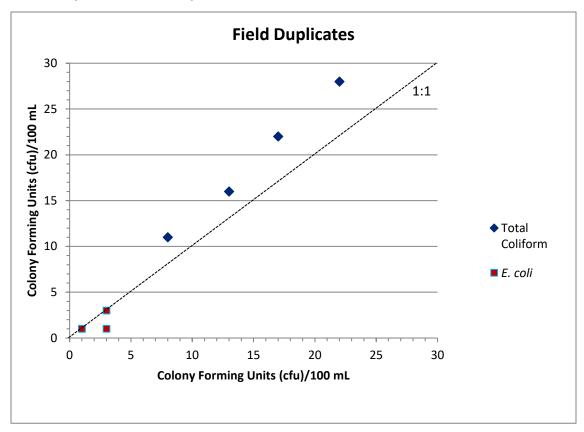


Figure 2. Comparison of field duplicate results for total coliform and *E. coli*, 2017

Table 2. Summary of E. coli and Total Coliform QA/QC samples

E. coli Coliplate 1	E. coli Coliplate 2	E. coli Lab	Total Coliform Coliplate 1	Total Coliform Coliplate 2	Total Coliform Lab
cfu/100 mL	cfu/100 mL	cfu/100 mL	cfu/100 mL	cfu/100 mL	cfu/100 mL
1	1		8	11	
5		5	166		800
1	1	2	22	28	500
5		9	52		600
3		4	80		600
3	1		13	16	
3	3		17	22	

3.1.2 Total Phosphorus

3.1.2.1 Field Duplicates

In 2017, 22% of the field duplicates collected (n=22) were bad splits (i.e., $5 \mu g/L$ or >35% difference between sample pairs), down from 33% in 2016 (Figure 3). By contrast, the average annual proportion of bad splits in samples since 2005, when duplicate sampling began, is 13% (Table 2). The decreased frequency of bad splits in 2017 suggests that improvement over 2015 and 2016 has been made, but that diligent compliance to and review of sampling protocols are necessary to ensure the integrity of the data.

Comparison of 2017 Duplicates 16.0 14.0 Total Phosphorus, Sample 2 (μg/L) 12.0 10.0 8.0 6.0 4.0 2.0 0.0 0.0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 Total Phosphorus, Sample 1 (µg/L)

Figure 3. Total phosphorus field duplicates in Lake of Bays, 2017.

Note: Dotted lines enclose 35% difference from the 1:1 line.

The mean difference between field duplicates after removing the bad splits was $0.9~\mu g/L$ in 2017, up slightly from $0.8~\mu g/L$ in 2015 and 2016, and $0.6~\mu g/L$ in all previous years (2005-2013), The values are still comparable, however, to those in the DESC dataset (0.7 $\mu g/L$).

3.1.3 Outliers

A total of 48 samples were identified as outliers in the LOBA dataset (excluding River sites) using the Rosner's Test, four of which occurred in the 2017 monitoring year (Table 3). Fewer outliers and bad splits (Section 3.1.2) in 2017 relative to 2016 suggests some improvement in sampling contamination, however sampling protocols and field equipment should be reviewed to ensure proper handling and sampling techniques in the future.

Table 3. Summary of Bad Splits between Total Phosphorus Field Duplicates in Lake of Bays, 2005-2017

Site	Date	TP1 (μg/L)	TP2 (μg/L)
Adamson's Island	1-Sep-06	7.7	4.1
	1-Sep-17	11.2	4.6
Bigwin East	20-Jul-14	6	9.5
	2-Sep-11	5.9	3.7
Bigwin North	4-Sep-15	4.5	8.7
Bigwiii Nortii	4-Aug-15	19.3	4
	14-Aug-16	5.9	3.5
	23-Aug-15	5	2.1
Boothby's	20-Jul-15	4.1	7.4
	1-Jul-16	8.7	3.3
Britannia	1-Aug-16	3.9	5.9
	1-Sep-06	9.2	31.9
Dwight Bay	4-Sep-15	7	4.4
Dwigiit bay	20-Jul-15	4.3	8.3
	14-Aug-16	11.2	7.3
Fairview	7-Aug-06	4.3	7.5
T all view	14-Aug-16	3.7	10.2
Gull Rock	29-Jun-14	5.5	9
Menominee Bay	1-Sep-06	15.9	8.1
Menoninice Bay	1-Jul-16	4.8	3.1
	4-Jul-05	5.7	4
	7-Sep-10	5.1	3.3
Moffat's	18-Aug-13	4.1	6.1
	28-Aug-14	4.4	6.9
	23-Aug-15	3.9	1.8
	23-Jul-07	8.2	4.1
Narrows West	18-Jul-16	12.3	5.9
itanows west	3-Jul-17	12.7	6.2
	21-Aug-17	29.5	6.1
Price's Point	1-Aug-16	6.2	3.9
	23-Jul-17	8.5	5.4
Ten Mile Bay	14-Jul-08	4.7	6.9
Ten wine Day	7-Sep-10	6.1	12.9
Trading Bay	17-Jul-06	7.3	4.5
	21-Aug-17	11.1	6.1

Note: Values in grey shaded cells were considered to be contaminated and were excluded from further analyses. Values in orange shaded cells were unusually low and therefore considered as suspect and excluded from further analyses.

Table 4. Outliers in the LOBA Dataset (2002-2017), Rosner's Test (p < 0.01) (excluding River sites)

Site	Date	Total Phosphorus (μg/L)	Site	Date	Total Phosphorus (μg/L)
Adamson's	18-Jul-11	15.1	Menominee	4-Jul-05	11.0
	31-Aug-12	7.9		1-Sep-16	12.0
	18-Aug-13	9.9	Moffat's	5-Aug-02	36.7
	18-Jul-16	8.9		6-Aug-07	15.1
Bigwin Bay	15-Jul-02	9.6		5-Aug-13	11.4
	20-Jul-14	10.1		18-Jul-16	17.2
	4-Aug-15	12.0	Narrows West	4-Jul-11	11.4
Bigwin East	28-Jun-15	18.1		1-Aug-11	8.5
Bigwin North	23-Aug-04	27.7		4-Sep-15	8.9
	6-Aug-07	97.7		7-Aug-17	8.6
Boothby's	14-Aug-05	10.3	Portage Bay	20-Aug-12	61.3
Britannia	1-Sep-03	12.6	Price's Point	2-Aug-10	12.7
	1-Sep-05	9.4		18-Jul-11	12.8
	18-Aug-13	21.6	Ten Mile Bay	21-Aug-06	10.2
	28-Aug-13	13.3		29-Jun-14	10.3
Dwight Bay	14-Jul-03	0.7		18-Jul-16	15.0
	31-Aug-07	12.5		3-Jul-17	9.5
	17-Jul-09	12.3	Trading Bay	19-Aug-02	17.7
Gull Rock	14-Jul-03	16.9		1-Sep-16	15.8
Haystack Bay	6-Sep-04	74.0		19-Jul-04	12.3
	7-Aug-06	40.3			
	1-Sep-06	14.1			
	6-Aug-07	12.8			
	17-Jul-09	57.7			
	31-Aug-12	22.4			
	28-Jun-15	14.6			
	4-Sep-15	18.1			

Italics denotes 2016 outliers which are no longer considered outliers based on the 2017 data set

With the addition of the 2017 data, two previously identified outliers were no longer considered to be extreme values and were added to back to the data set for statistical analyses (Boothby's, $TP = 10.3 \mu g/L$ on August 14, 2005; Haystack Bay, $TP = 12.8 \mu g/L$ on August 6, 2007).

Outliers were removed from all analyses in this report, but will be reassessed each year as additional data are added to the dataset. Several samples from the River sites were statistical outliers, however, these samples were not removed from the analysis as river-influenced sites are expected to be highly variable between sampling events and the high measured total phosphorus values likely reflects this variability.

3.2 Bacteria

Bacteria levels in Lake of Bays on August 7, 2017 were low at all sites. Absolute and geomean bacteria counts were below the PWQO of 100 cfu/100 mL for *E. coli* and 1,000 cfu/100 mL for total coliform at all sampling sites (Table 4). Higher bacteria counts observed in the river-influenced and nearshore sites are to be expected given increased exposure to bacteria sources from wildlife and shoreline development, lower dilution and less time for assimilation or attenuation in comparison to the offshore deepwater sites.

3.3 2017 Total Phosphorus Concentrations

Samples collected during the 2017 monitoring campaign were characterized by low phosphorus concentrations typical in oligotrophic, clear-water lakes on the Precambrian Shield. The summer total phosphorus concentration of the Deep Water, Disturbed and Nearshore Undisturbed sites ranged from 4.2 to 11.4 μg/L, with an overall mean concentration of 6.2 μg/L (Table 5). These values compare well with mean spring overturn concentrations of 3.9-6.9 μg/L measured in seven locations in Lake of Bays by the District of Muskoka's Program. (http://www.muskokawaterweb.ca/lake-data/muskoka-data/lake-data-sheets/lake-of-bays).

River sampling sites were more phosphorus-enriched (mean TP = 9.1 μ g/L), as would be expected given the higher concentrations of particulate matter and dissolved organic carbon typical in rivers. Mean summer total phosphorus concentration was less than the interim PWQO for phosphorus of 10 μ g/L for the lake sites and of 30 μ g/L for the river sites, suggesting a low risk of aesthetic deterioration due to nuisance aquatic plant growth (MOEE, 1994).

We found no consistent pattern in total phosphorus concentrations between sites or site types over the summer of 2017 (Figures 4 to 8). It is likely that variability between sampling events is driven by local factors, e.g., storm events, as has been observed in previous monitoring years (HESL, 2016). There was no significant difference (Mann-Whitney test; U = 8.5, p =0.759) in phosphorus concentration between the Nearshore Undisturbed (mean TP = 5.6 μ g/L) and Disturbed (mean TP = 5.6 μ g/L) sites suggesting that shoreline disturbance has had little impact on summer phosphorus concentrations.

Table 5. Average Summer E. coli and Total Coliform Concentration in Surface Water Collected by Coliplate Technique, 2017

Site	<i>E. coli</i> (cfu/100 mL)	Total Coliform (cfu/100 mL)
Deep water		
Bigwin East	1	10
Dwight Bay	1	5
Fairview	1	25
Gull Rock	1	17
Haystack Bay	5	52
Price's Point	2	15
Ten Mile Bay	1	8
Trading Bay	3	20
Portage Bay	5	47
Disturbed		
Bigwin Bay	5	43
Bigwin North	8	52
Britannia	3	47
Nearshore Undisturbed		
Adamson's Island	5	17
Boothby's	5	166
Menominee Bay	8	22
Moffat's	3	80
Narrows West	11	52
River		
Oxtongue Delta	11	80
Hollow River	8	80
Oxtongue River	5	80
Bigwin East	1	10

Table 6. Total Phosphorus Concentrations (µg/L) in Lake of Bays, 2017

Site ID	Site Name	3-Jul	23-Jul	7-Aug	21-Aug	1-Sep	AVG	SD
Deep Water		6.2	7.2	5.5	5.5	5.8	6.0	1.5
B1	Bigwin East		8.3	7.7	5.6	4.8	6.6	1.7
B2	Fairview	5.5		6.9	5.1	5.4	5.7	0.8
E1	Trading Bay	6.9	5.6	7.2	6.1	5.8	6.3	0.7
E13	Haystack Bay	10.3	5.7	10.2	7.9	7.1	8.2	2.0
E30	Ten Mile Bay		5.7	5.8	5.3	5.7	5.6	0.2
N1	Dwight Bay	6.3	14.3	7.0	6.9		8.6	3.8
N10	Gull Rock	4.5	7.0	5.0	5.6	6.5	5.7	1.0
N26	Portage Bay	11.4	8.1	5.7	5.9	9.6	8.1	2.4
S 3	Price's Point	4.5	5.4	4.7	7.0	4.9	5.3	1.0
Disturbed	d	5.4	5.6	6.2	5.2	5.6	5.6	0.5
В3	Bigwin North	5.8		6.6	5.3	6.3	6.0	0.6
B4	Bigwin Bay	5.3	5.6	5.8	5.4	4.9	5.4	0.3
N11	Britannia	5.0	5.5	6.3	5.0	5.6	5.5	0.5
Nearshor	e Undisturbed	5.5	5.2	5.2	6.1	5.8	5.5	1.0
E26	Narrows West	6.2	6.1		6.1	5.5	6.0	0.3
N13	Moffat's	6.7		4.8	5.5	5.1	5.5	0.8
N24	Boothby's	5.6		5.0	8.5	5.0	6.0	1.7
S 1	Adamson's Island	4.2	4.7	5.5	5.1	4.6	4.8	0.5
S2	Menominee Bay	4.6	4.8	5.6	5.1	8.6	5.7	1.6
River		9.3	8.3	8.9	7.2	11.5	9.1	2.3
E18	Hollow River	6.4	7.4	11.4	5.8	15.9	9.4	4.3
N2	Oxtongue River	10.4	9.1	7.7	8.0	9.3	8.9	1.1
N30	Oxtongue Delta		8.5	7.7	7.8	9.3	8.9	1.4
						All sites:	6.6	1.3
			All	sites excl	uding Riv	er sites:	6.2	1.2

An additional site at Portage Bay, initially sampled in 2012 to address concerns over potential water quality degradation following construction activities, has been maintained as a part of the LOBA sampling program. Mean total phosphorus concentration in Portage Bay ranged from 8.1 μ g/L to 4.7 μ g/L from 2013 to 2017, representing a decline from elevated concentrations observed in 2012 (mean TP = 9.6 μ g/L) that were coincident with construction activities. The average value of 8.1 μ g/l recorded at Portage Bay in 2017, however, represents the highest recorded TP value since 2012, but is likely a consequence of higher than average precipitation not long-term construction impacts (See Section 4).

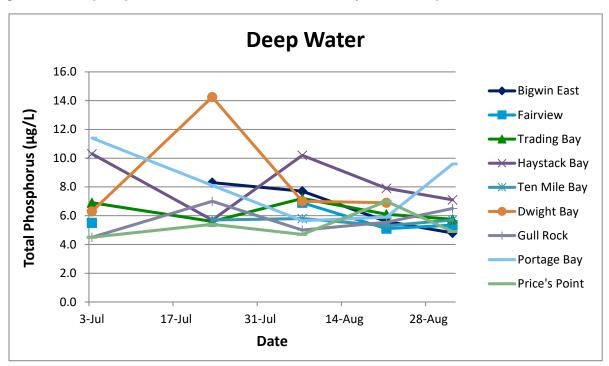
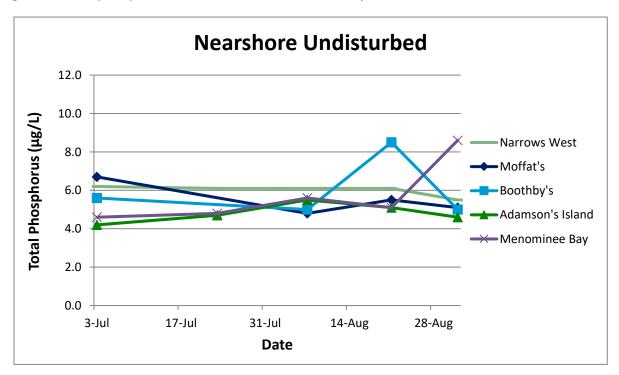
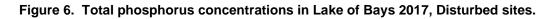


Figure 4. Total phosphorus concentrations in Lake of Bays 2017, Deep Water sites.

Figure 5. Total phosphorus concentrations in Lake of Bays 2017, Nearshore Undisturbed sites.





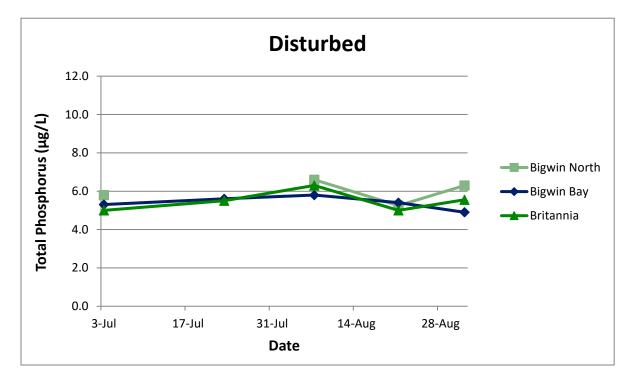
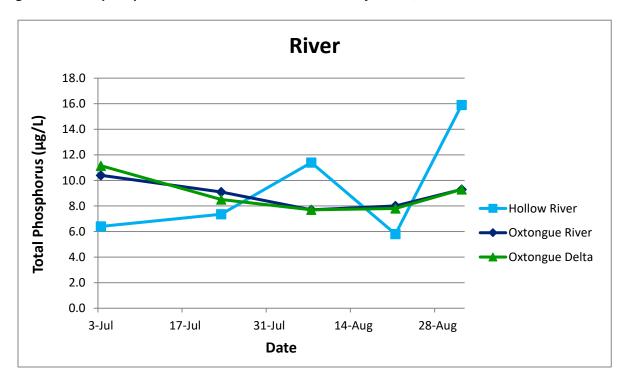


Figure 7. Total phosphorus concentrations in Lake of Bays 2017, River sites.



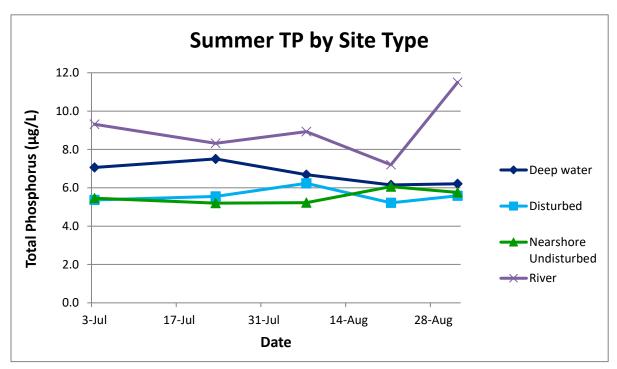


Figure 8. Total phosphorus concentrations in Lake of Bays 2016 by Site Type.

Note: Data points for each date represent mean values of all sites of one type.

4. Long-term Phosphorus Patterns

The Lake of Bays Water Quality Monitoring Program has collected data over the summer season for 16 years at 12-17 locations throughout the lake. The yearly number of samples collected including QA/QC samples ranged from 50 in 2002 to 123 in 2012, with a total of 1,555 samples collected at the end of the 2017 program (Table 6). The large number of sites monitored, and samples collected under the program since 2002 provide for a robust data set for assessing long-term trends and inter-annual variability in total phosphorus concentration in Lake of Bays. The complete LOBA monitoring program data set since 2002 is provided in Appendix B.

Mean summer total phosphorus concentrations have increased since 2016 in the Deep Water (mean TP = $6.5 \mu g/L$), Disturbed (mean TP = $5.6 \mu g/L$) and Nearshore Undisturbed (mean TP = $5.6 \mu g/L$) sites (Table 7, Figure 9). As is typical in the LOBA data set, the River sites have been more variable with generally higher concentrations that have ranged from $4.0 \text{ to } 16.2 \mu g/L$ (mean TP = $6.6 \mu g/L$).

Table 7. Number of Total Phosphorus Samples Collected by the Lake of Bays Monitoring Program (2002-2017)

Year	Deep Water	Disturbed	Nearshore Undisturbed	River	Total # of Samples
2002	30	15	5		50
2003	39	22	7	16	84
2004	28	13	5	7	53
2005	29	8	14	8	59
2006	53		21		74
2007	54	10	36	10	110
2008	48	13	32	15	108
2009	47	15	21	10	93
2010	46	15	29	16	106
2011	44	28	28	13	113
2012	51	26	31	15	123
2013	57	19	25	15	116
2014	53	16	32	18	119
2015	52	19	32	19	122
2016	52	14	30	16	112
2017	54	11	29	19	113
Total # of Samples	737	244	377	197	1555

Table 8. Mean Summer Total Phosphorus Concentrations in Lake of Bays (2002-2017)

Site	Total Phosphorus (μg/L)																
Site	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AVG.
Deep Water	4.0	4.1	4.7	4.4	5.9	4.9	5.6	4.9	5.5	5.4	5.7	5.2	5.5	4.9	6.0	6.7	5.2
Bigwin East	4.2	4.2	4.2	4.0	5.5	4.5	6.4	4.1	5.7	4.9	5.0	4.9	6.2	4.5	4.4	6.6	5.0
Dwight Bay	4.6	4.2	6.1	4.7	6.4	5.9	6.1	4.9	6.2	5.3	6.5	5.3	6.1	5.0	8.9	8.6	5.9
Fairview	2.8	3.6	4.0	4.7	5.3	3.9	6.1	4.6	5.2	4.9	4.7	4.5	4.8	4.4	4.1	5.7	4.6
Gull Rock	4.0	4.2	5.1	4.4	5.6	4.7	5.0	4.4	5.5	5.8	5.1	3.9	5.0	4.1	5.2	5.7	4.9
Haystack Bay	4.2	4.4	4.6		6.8	5.5	5.3	6.4	5.9	6.2	4.7	7.3	6.2	4.1	5.7	8.2	5.7
Portage Bay											9.6	5.7	6.3	4.7	6.8	8.1	6.9
Price's Point				3.4	6.0	4.5	4.7	5.7	5.2	5.5	4.5	5.8	4.5	4.0	5.7	5.3	5.0
Ten Mile Bay					6.1	5.0	5.5	4.8	5.2	5.1	6.8	5.7	6.5	5.1	7.3	5.6	5.7
Trading Bay	4.1	4.0	4.9	5.1	6.0	4.7	5.4	4.9	5.2	5.8	5.1	2.5	4.2	7.6	6.9	6.3	5.2
Disturbed	4.0	4.3	4.7	5.0		5.4	5.7	4.5	3.9	4.4	4.7	4.5	4.6	4.9	4.6	5.6	4.7
Bigwin Bay	3.6	4.7	4.9				5.5	4.2	3.6	4.5	4.5	4.5	4.3	4.8	4.3	5.4	4.5
Bigwin North	5.0	3.9	5.3	5.2		6.3	6.1	5.6	4.5	4.6	4.8	4.8	4.6	5.1	5.1	6.0	5.1
Britannia	3.3	4.4	4.0	4.6		4.7	5.5	3.6	3.8	4.2	4.8	4.1	4.8	4.9	4.5	5.5	4.4
Nearshore		0.5	4.0	1.0	- 1	1.0	5.0			4.0		4.0	4.0		4.0		
Undisturbed	4.1	3.5	4.2	4.6	5.1	4.3	5.2	3.8	3.6	4.6	4.1	4.2	4.9	3.8	4.9	5.6	4.4
Adamson's Island				4.8	4.7	3.3	4.5	2.9	2.8	4.2	3.9	4.0	4.2	3.5	4.3	4.8	4.0
Boothby's				8.3	5.8	5.2	5.4	4.3	4.6	4.8	3.9	4.3	5.0	3.7	5.3	6.0	5.1
Menominee Bay				3.1	5.0	3.9	6.0	3.1	2.9	4.9	3.7	4.3	4.8	3.7	5.7	5.7	4.4
Moffat's	4.1	3.5	4.2	3.7	4.9	3.8	5.2	4.8	3.6	4.6	4.5	3.9	5.5	4.1	3.8	5.5	4.3
Narrows West						5.1	4.7		4.3	4.0	4.5	4.5	4.9	4.4	5.4	6.0	4.8
River		5.5	7.1	5.3		5.2	6.7	6.2	5.4	6.0	5.3	6.5	7.5	6.6	10.0	8.9	6.6
Hollow River Mth.		5.5	6.6	4.4		5.2	5.7		4.5	5.3	5.1	4.1	5.5	7.3	16.2		6.3
Oxtongue Delta							6.9	4.8	4.0	4.9	4.4	6.3	8.5	6.0	7.8	8.9	6.2
Oxtongue River Mth.			7.4	5.9			7.3	7.6	8.3	7.8	6.4	8.1	8.7	6.6	7.2		7.4

Note: Includes only those sites with at least three years of data collected within the last five years

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A statistically significant increasing trend in mean summer total phosphorus concentration of the Deep Water sites¹ since 2002 was identified (Figure 10; Mann Kendall Trend Test: p<0.01, Sen's Slope = 0.106), including significant increasing trends of between 0.014 and 0.036 μ g/L/year at several individual Deep Water sites (i.e., Bigwin East, Dwight Bay, Fairview, Haystack and Trading Bay; Figures 11-15). Significantly increased TP was also observed at a single Nearshore Disturbed site (Britannia; Figure 16). The average increase in total phosphorus concentration for Deep Water sites was 0.106 μ g/yr, representing a total increase of 37% or 1.70 μ g/L over 16 years (based on the Sen's Slope of 0.106, p<0.01). This degree of change exceeds what would be expected due to natural year to year variability for low productivity lakes on the Precambrian Shied, which have been found to vary naturally by an average of 21-23% between years (Clark et al., 2010).

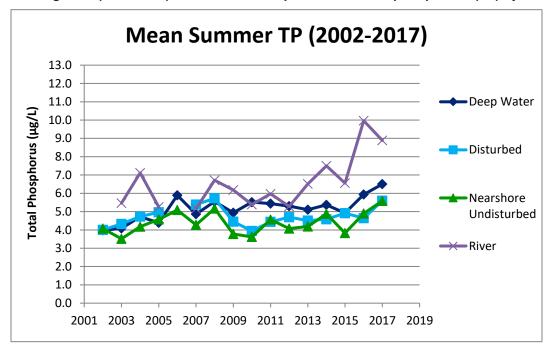


Figure 9. Long-term (2002-2017) mean summer euphotic zone total phosphorus (TP) by Site Type.

Note: Only includes sites with at least five years of data.

¹ All data combined from eight Deep Water sites with at least five years of data.



7 6 **Total Phosphorus (μg/L)**2 2 2 2 2 y=0.1027x-201.32 p = 0.011 0 2000 2002 2004 2006 2008 2010 2012 2014 2016 2018 Year ■Mean Summer TP (LOBA) OLS Slope trendline

Figure 10. Long-term mean summer total phosphorus in Deep Water areas of Lake of Bays.

Note: LOBA sites exclude Little Trading Bay and Portage Bay.

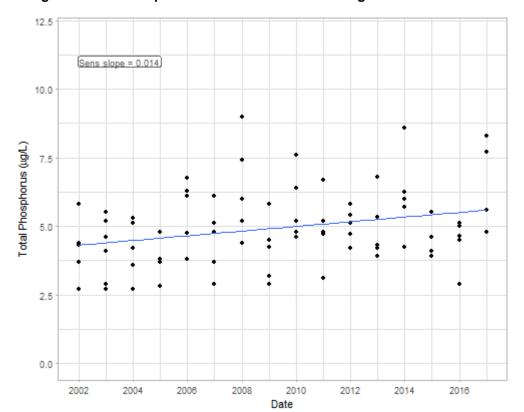


Figure 11. Long-term Total Phosphorus Concentrations at the Bigwin East Station

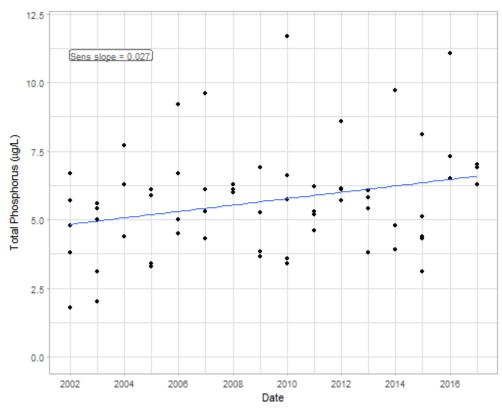
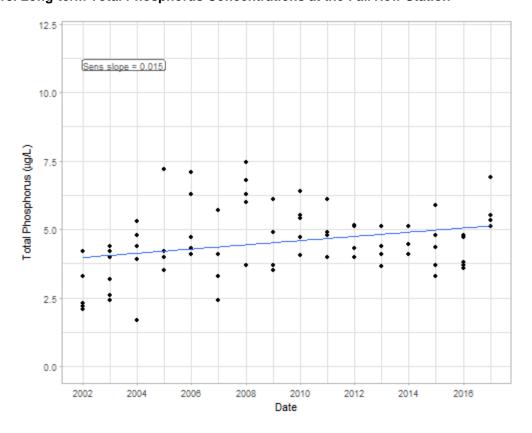


Figure 12. Long-term Total Phosphorus Concentrations at the Dwight Bay Station

Figure 13. Long-term Total Phosphorus Concentrations at the Fairview Station



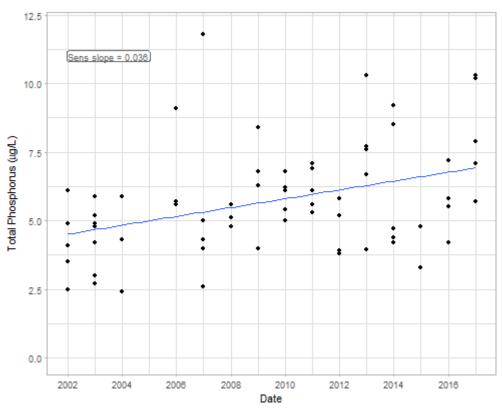
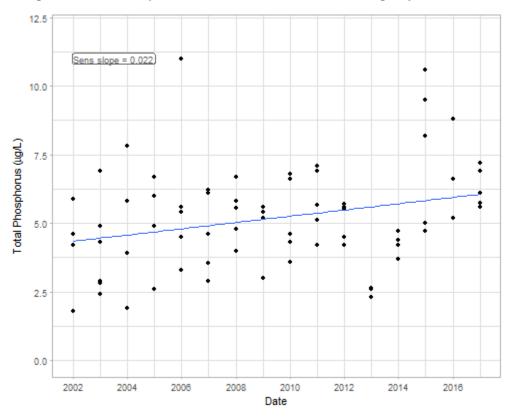


Figure 14. Long-term Total Phosphorus Concentrations at the Haystack Bay Station

Figure 15. Long-term Total Phosphorus Concentrations at the Trading Bay Station



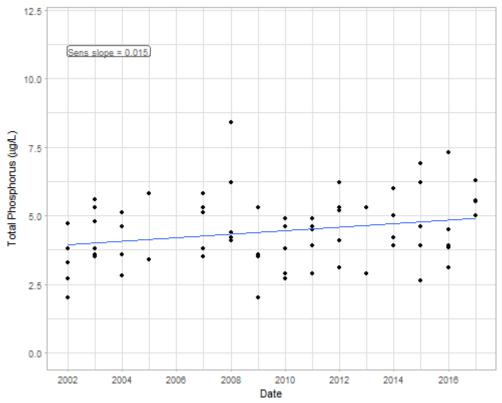


Figure 16. Long-term Total Phosphorus Concentrations at the Brittania Station

As discussed in previous LOBA reports, the mechanisms driving total phosphorus concentrations in lakes in the District of Muskoka is currently under investigation by the MOECC (HESL 2017). Long-term monitoring has shown increasing trends in total phosphorus occurred in some Muskoka lakes monitored by the Dorset Environmental Science Centre (DESC), while other lakes exhibited decreasing or no trends (Andrew Paterson, MOECC lake scientist, pers. comm.). These lakes had little to no development in their watersheds and regional (e.g., climate change, long range atmospheric deposition) or local factors other than development, therefore, appear to be influencing lakes in the Muskoka area, including the trends observed for Deep Water sites in Lake of Bays. The District of Muskoka has monitored total phosphorus at deep water sites in Lake of Bays since 2001 and has observed no increase, suggesting that the patterns seen in the LOBA data set are related to sampling later in the summer (HESL 2016).

Changes in annual precipitation patterns (amount of precipitation, frequency and duration of storm events) can strongly influence phosphorus loads from atmospheric deposition and also the mobilization and transport of phosphorus from the watershed. Long-term data collected in Lake of Bays, coupled with climate data from Heney Lake and Beatrice Climate Stations², suggests that inter-annual variability in precipitation may exert a significant influence on the total phosphorus concentration in the lake (Figure 17). In general, total phosphorus concentrations tended to increase in wetter years over the period of record. Elevated total phosphorus concentrations in 2017 were statistically similar to those recorded in 2006 and 2008, and significantly higher than all the other years on record (Figure 17, similarity indicated by the letter

² Months with greater than 25 days of missing data were replaced with monthly average precipitation from the Environment Canada climate station at Beatrice (Station 6110607) located ~30 km from Lake of Bays



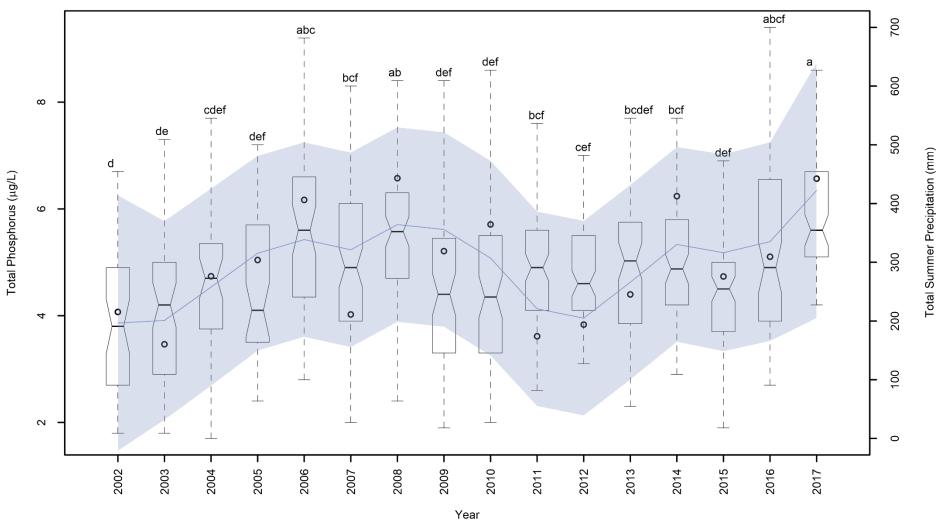
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"a"). Together these three years represent the wettest years on record in the LOBA data set (Total Summer Precipitation = 406-443 mm), significantly above the long-term average (2002-2017 = 297 mm).

The relationship identified by HESL in 2016 between mean annual summer phosphorus concentrations and total summer precipitation at Haystack Bay continues to be apparent when including 2017 data (Pearson rho = 0.65, n = 16, p = 0.006; Figure 18). Haystack Bay also has the highest observed annual change in total phosphorus concentrations (0.036 μ g/L/yr). The isolated bay has a large surface area (4.94 km²) relative to the area of its watershed (8.13 km²) and does not receive any significant river or stream discharge and thus direct phosphorus loads from local runoff and direct precipitation likely contribute to a large portion of the natural phosphorus load making it especially sensitive to changes in precipitation volume and storm severity. Phosphorus loading estimates by the DMM indicated that the total load from precipitation constitutes 49% of the natural load to Haystack Bay in comparison to 28% for the main basin of the lake (GLL, 2005).

In summary, summer total phosphorus concentration in Lake of Bays exhibits significant inter-annual variability, which based on long-term TP and precipitation data appears to be driven by natural processes related to precipitation. The Lake of Bays Association water quality monitoring program continues to provide a robust long-term data set to evaluate changes over time.

Figure 17. Annual Summary of Summer Total Phosphorus Concentrations and Precipitation at Nearshore Disturbed, Undisturbed and Deep Water Sites in Lake of Bays



Open Circles = Sum of Total Summer Precipitation; Line and Shaded Area = Spline Smoothed Precipitation; Boxplots = Total Phosphorus Concentrations. Letters indicate years which are statistically similar

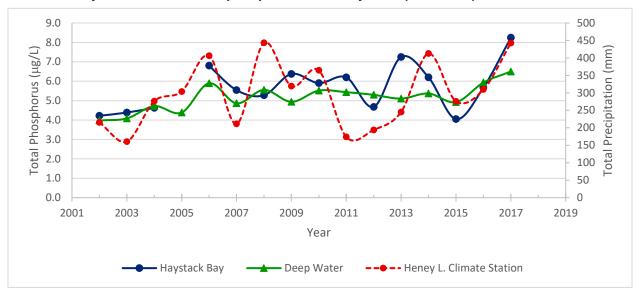


Figure 18. Mean summer euphotic zone total phosphorus at Haystack Bay and Deep Water sites of Lake of Bays and total Summer precipitation at Heney Lake (2002-2017) climate station.

Note: Deep Water sites exclude Little Trading Bay and Portage Bay; months with greater than 25 days of missing data were replaced with monthly average precipitation from the Environment Canada climate station at Beatrice (Station 6110607) located ~30 km from Lake of Bays

5. Summary

The total phosphorus and bacteria data collected by the LOBA in 2017 indicated excellent water quality at all sampling sites in the Lake of Bays. The main results of data analyses from 2017 are as follows:

- The LOBA monitoring program continued to provide high quality phosphorus data, although bad splits are an ongoing issue, this year saw a reduction in the frequency of bad splits and outliers. Continued vigilance and a review of sampling protocols are recommended to reduce the potential of contamination of the phosphorus samples.
- 2. Deep Water sites exhibited a significant increasing trend in total phosphorus concentration from 2002-2017, representing an average total increase 1.7 μg/L. Natural variability, associated with increased summer precipitation was related to the higher total phosphorus concentrations.
- 3. New data have for the first time, lead to the detection of significant long-term trends in total phosphorus in the lake, however, our analysis suggest that these increases were the result of high regional precipitation flushing additional phosphorus into the lake and not likely a result of development pressure.
- 4. Bacteria levels collected by the Coliplate technique were low on all sampling events at all sites, well below the PWQO for recreational use.
- 5. Laboratory results for Total Coliforms varied significantly from assessments made by the Coliplate technique, however given the consistency in the Coliplate duplicates and the reduced sensitivity of the lab detection limit it is unlikely that this is a cause for concern.
- 6. Total phosphorus concentrations (mean TP = $6.2 \mu g/L$ excluding the River sites) continue to be characteristic of lakes with low primary productivity and meet the highest Provincial standards for protection of nuisance aquatic plant growth due to phosphorus of $10 \mu g/L$ at all sites.

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- 7. Mean summer total phosphorus concentration in Portage Bay has been consistently low since 2013, representing a decline from elevated concentrations observed in 2012 that coincided with construction activities. Although monitoring at Portage Bay in 2017, represents the highest recorded TP values since 2012, it is likely a consequence of higher than average precipitation not long-term construction impacts.
- 8. As in previous monitoring, no significant difference in phosphorus concentration between the Deep Water, Disturbed and Nearshore Undisturbed sites suggesting that shoreline disturbance is having little impact on summer phosphorus concentrations. Concentrations were highest in river sites compared to lake sites, and were more variable in shallow nearshore areas (Nearshore Undisturbed and Disturbed sites) than Deep Water sites as expected due to natural processes.

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Appendix A. Monitoring Protocols for the LOBA Water Quality Monitoring Program

WATER QUALITY SAMPLING PROCEDURES

General:

- 1. Check for equipment, including:
 - -metre depth pole (if required)
 - -thermometer
 - -cooler and ice packs
 - -sterilized jars, phosphorus tubes, duplicates
 - -secchi depth disc and jar (if required)
 - -data sheets and pen
- 2. verify that you have the appropriate boating safety equipment on board and that the weather is safe for sampling
- 3. record air temperature on data sheet as you leave the dock. Then attach thermometer to a rope in preparation for taking water temperature at sampling sites.
- 4. at each site, complete the data sheet, recording any factors or conditions that may make the sampling trip unusual or that may have an influence on sample results (eg. cloudy water, unusual activity in the area, presence of waterfowl)

Coliform and E coli testing

Near shore sample collected 22 - 30 cm. below the surface in water that is 1 m. in depth Deep water samples also collected 22 - 30 cm. below the surface of the water.

- 1. Carefully and correctly assemble the jars required for the specific site (all should be named and number coded)
- 2. Remove the cap/lid from the jar/bottle without touching the inside of the lid or jar, and place carefully, upside down on a flat stable surface
- 3. Grip the bottle at the base and plunge it into the water in a downward motion to the a depth of 22 30 cm. (9 15 in). The bottle goes in **upside down** (open end to lake bottom) and the appropriate depth is roughly around your elbow.
- 4. Adjust the bottle position in your hand so that the bottle is now parallel to lake surface and lake bottom, facing forward and **collect sample by sweeping the bottle forward** (forward, not up). This directional motion is important so that the water being collected in the bottle/jar does not pass over your hand. Collect water from that 22 30 cm. depth and then bring bottle to surface.
- 5. Empty it slightly (if it is full to the brim) and then recap bottle.
- 6. Store in the cooler chest.
- 7. **re quality control sample (lab and field duplicates).** Quality assurance is necessary to validate that the sampling and processing protocols have been followed appropriately. It is very important that these procedures are followed in order to ensure high quality results ...

If we are running duplicates (field and lab) on your site, there will be a large sampling jar, clearly marked, as well as a smaller one. Using the large jar, take your sample as per the steps outlined above. As soon as the sample is obtained, recap the jar (without touching interior of lid or jar) and shake it two or three times to ensure a uniform distribution of the discreet bacteria in the water sample. Immediately transfer some of the sample to the smaller jar. Cap both jars and store both jars. The contents of the

small jar are the sample, part of the remaining content of the large jar becomes the field duplicate and the balance of water in the large jar is sent for a quality control test at the Central Ontario Analytical Laboratory in Orillia.

The last part of quality assurance is distilled water. After the site sample and field duplicate have been collected, open the distilled water jug and fill the collection jar marked Distilled Water. Cap the glass bottle and place it in the cooler with the ice pack. Distilled water is, or should be, free of coliforms and e coli, and running a distilled water sample through our process (sterilized jars, sampling volunteers, Deb working the coliplates) is an excellent test of the scientific rigour of our program.

Near shore Phosphorus testing:

sample collected 22 - 30 cm. below the surface in water that is 1 m. in depth

There are always a test tube **and** a PET jar associated with each phosphorus site (and sometimes extra test tubes for quality assurance purposes). The PET jar is used to actually collect the sample, which is then transferred to the test tube(s).

- 1. Carefully and correctly assemble the jars required for the specific site (all should be named and number coded)
- 2. Remove the top from the PET jar without touching the inside of top or jar and place in a flat, stable place.
- 3. Rinse the jar in surface water at site.
- 4. Rinse the filter (plastic funnel and filter cloth) in surface site water (filter stored in freezer bag.)
- 5. Grip the bottle at the base and plunge it into the water in a downward motion to the a depth of 22 30 cm. (9 15 in). The bottle goes in **upside down** (open end to lake bottom) and the appropriate depth is roughly around your elbow.
- 6. Adjust the bottle position in your hand so that the bottle is now parallel to lake surface and lake bottom, facing forward and **collect sample by sweeping the bottle forward** (forward, not up). This directional motion is important so that the water being collected in the bottle/jar does not pass over your hand. Collect water from that 22 30 cm. depth and then bring bottle to surface.
- 7. Take the top off the test tube, being careful not to touch the inside of the top or the test tube interior.
- 8. Gently swirl the water in the PET jar (don't spill it!) and then filter the water from the PET jar into the test tube using the filter (funnel plus filter cloth) provided. Fill the test tube to the line marked near the top of the test tube (want a tiny bit of air space in the tube for the lab to add some material.) Be prepared ... the filter cloth is a pain in the neck but it is important to filter out zooplankton which can distort phosphorus readings.
- 9. Cap tightly both test tube and PET jar and put both in the cooler.

Note: be careful with the filters ... they are light and blow away easily and it is also easy to lose/damage the filter cloths. There is one filter per sampler for the entire summer!

Deep Water Phosphorus Testing

sample is collected 10-15 m.(metres, not centimeters) below the surface in deep water

While the process of collecting and filtering the sample is the same as that for near shore phosphorus, the sample is collected from further down in the water column. The process is as follows:

- 1. Attach the rope to the Secchi disc and measure the secchi depth by lowering the disc over the side of the boat until it disappears from view. It may take a bit of playing with it to verify when it actually disappears. Haul it up until you see it again and then slowly lower it. (Know that in 8 years of doing this, I have NEVER had a secchi reading anywhere on Lake of Bays of less than 4.5 metres, and have occasionally had them up to 8 metres.) As you pull the disc back to the surface, count the number of metres (the rope is calibrated in 1 metre intervals.) Record this number. Redo to double check.
- 2. Record the colour of the water (orangey brown, bluey-green, etc.)
- 3. Attach the calibrated rope to the container for the secchi collection jar.
- 4. Rinse the collection jar in surface site water.
- 5. Lower the bottle (now in the weighted container to a distance that is **2 X** the secchi depth you observed and recorded above (the sample is being collected at a level to which light penetrates and given the refraction of light, that distance is 2 X the depth at which you could last see the disc.) The bottle should be lowered in a quick, smooth, but controlled motion (Don't let it free fall.)
- 6. Pull the container and collection jar back to the surface at a steady pace.
- 7. Use this water to rinse and fill the PET jar.
- 8. Swirl the water in the PET jar and then pour into the test tube **through the filter.** Fill test tube to the indicated line (just shy of full.)
- 9. Cap and place test tube and PET jar in cooler.

Re quality assurance for phosphorus ... near shore and deep water:

Quality assurance is necessary to validate that the sampling and processing protocols have been followed appropriately. It is very important that these procedures are followed in order to ensure high quality results ...

- 1. If we are running phosphorus duplicates on your site, there will be an extra test tube, clearly marked as the field duplicate. Simply fill that second test tube in the same manner as the first, taking the time to gently swirl the contents of the PET jar before pouring water into the second test tube through the funnel and filter cloth Cap test tubes and PET jar and store in cooler.
- 2. The last part of quality assurance is distilled water. After the site sample and field duplicate have been collected, open the distilled water jug and fill the clearly marked test tube to the line (7/8th full). Cap and store with rest of samples from that particular site.

Appendix B. LOBA Total Phosphorus and Bacteria Data

21. 2. 1	0.4	0'', 11	011 7	1 v			1 = "			
Site Code	Site	Site Name	Site Type	Year	Date 2-Sep-02	Total	E. coli	Total	Bad	Outlier
B4 P/B B4 P/B	B4 B4	Bigwin Bay Bigwin Bay	Disturbed Disturbed	2002 2002	2-Sep-02 1-Jul-02	2.9 3.1				
B4 P/B	B4	Bigwin Bay	Disturbed	2002	19-Aug-02	3.1				+
B4 P/B	B4	Bigwin Bay	Disturbed	2002	5-Aug-02	5.4				
B4 P/B	B4	Bigwin Bay	Disturbed	2002	15-Jul-02	9.6				х
B1P	B1	Bigwin East	Deep Water	2002	2-Sep-02	2.7				
B1P	B1	Bigwin East	Deep Water	2002	19-Aug-02	3.7				
B1P	B1	Bigwin East	Deep Water	2002	5-Aug-02	4.3				
B1P	B1	Bigwin East	Deep Water	2002	1-Jul-02	4.4				
B1P	B1	Bigwin East	Deep Water	2002	15-Jul-02	5.8				
B3 P/B	B3	Bigwin North	Disturbed	2002	2-Sep-02	2.3	0.5	33		
B3 P/B	B3	Bigwin North	Disturbed	2002	19-Aug-02	2.7	0.5	43		
B3 P/B B3 P/B	B3 B3	Bigwin North	Disturbed Disturbed	2002	15-Jul-02 5-Aug-02	5.1	0.5	8 213		
B3 P/B	B3	Bigwin North Bigwin North	Disturbed	2002 2002	1-Jul-02	6.2 8.8	11 52	94		
B3 P/B	B3	Bigwin North	Disturbed	2002	26-May-02	0.0	0.5	3		
B3 P/B	B3	Bigwin North	Disturbed	2002	29-Sep-02		0.5	39		
N11 P/B	N11	Britannia	Disturbed	2002	2-Sep-02	2.0	0.5	- 55		
N11 P/B	N11	Britannia	Disturbed	2002	19-Aug-02	2.7				
N11 P/B	N11	Britannia	Disturbed	2002	1-Jul-02	3.3				
N11 P/B	N11	Britannia	Disturbed	2002	5-Aug-02	3.8				
N11 P/B	N11	Britannia	Disturbed	2002	15-Jul-02	4.7				
N1 P	N1	Dwight Bay	Deep Water	2002	2-Sep-02	1.8				
N1 P	N1	Dwight Bay	Deep Water	2002	19-Aug-02	3.8				
N1 P	N1	Dwight Bay	Deep Water	2002	5-Aug-02	4.8	1			
N1 P	N1	Dwight Bay	Deep Water	2002	15-Jul-02	5.7	1		1	ļ
N1 P	N1	Dwight Bay	Deep Water	2002	1-Jul-02	6.7	+			
B2 P/B	B2	Fairview	Deep Water	2002	2-Sep-02	2.1	+			<u> </u>
B2 P/B	B2	Fairview	Deep Water	2002	1-Jul-02	2.2	+		1	
B2 P/B	B2 B2	Fairview Fairview	Deep Water Deep Water	2002 2002	15-Jul-02 19-Aug-02	2.3	+		-	
B2 P/B B2 P/B	B2 B2	Fairview Fairview	Deep Water Deep Water	2002	19-Aug-02 5-Aug-02	3.3 4.2	+		 	
N10 P/B	N10	Gull Rock	Deep Water	2002	2-Sep-02	2.4	0.5	33		+
N10 P/B	N10	Gull Rock	Deep Water	2002	19-Aug-02	3.8	0.5	30	1	†
N10 P/B	N10	Gull Rock	Deep Water	2002	5-Aug-02	4.3	5	52		
N10 P/B	N10	Gull Rock	Deep Water	2002	1-Jul-02	4.6	3	25		
N10 P/B	N10	Gull Rock	Deep Water	2002	15-Jul-02	4.9				
N10 P/B	N10	Gull Rock	Deep Water	2002	26-May-02		0.5	0.5		
N10 P/B	N10	Gull Rock	Deep Water	2002	28-Sep-02		0.5	3		
E13 P/B	E13	Haystack Bay	Deep Water	2002	2-Sep-02	2.5				
E13 P/B	E13	Haystack Bay	Deep Water	2002	1-Jul-02	3.5				
E13 P/B	E13	Haystack Bay	Deep Water	2002	19-Aug-02	4.1				
E13 P/B	E13	Haystack Bay	Deep Water	2002	5-Aug-02	4.9				
E13 P/B	E13 E6	Haystack Bay	Deep Water River	2002 2002	15-Jul-02	6.1	3	43		
E 6 P/B E 6 P/B	E6	Hollow River Lagoon Hollow River Lagoon	River	2002	26-May-02 1-Jul-02		13	166		+
E 6 P/B	E6	Hollow River Lagoon	River	2002	15-Jul-02		11	188		+
E 6 P/B FD	E6	Hollow River Lagoon	River	2002	15-Jul-02		16	256		+
E 6 P/B	E6	Hollow River Lagoon	River	2002	5-Aug-02		8	1174		
E 6 P/B	E6	Hollow River Lagoon	River	2002	19-Aug-02		22	587		
E 6 P/B	E6	Hollow River Lagoon	River	2002	2-Sep-02		0.5	2424		
N13 P/B	N13	Moffat's	Nearshore	2002	2-Sep-02	1.8	0.5	55.0		
N13 P/B	N13	Moffat's	Nearshore	2002	19-Aug-02	3.8	0.5	55.0		
N13 P/B	N13	Moffat's	Nearshore	2002	15-Jul-02	5.1	0.5	33.0		
N13 P/B	N13	Moffat's	Nearshore	2002	1-Jul-02	5.6	0.5	11.0		
N13 P/B	N13	Moffat's	Nearshore	2002						
N13 P/B	N13	Moffat's			5-Aug-02	36.7	0.5	123.0		Х
N13 P/B	N13		Nearshore	2002	26-May-02	36.7	0.5	0.5		X
E1 P/B		Moffat's	Nearshore	2002	26-May-02 29-Sep-02	36.7	0.5 0.5	0.5 8.0		X
	E1	Moffat's Trading Bay	Nearshore Deep Water	2002 2002	26-May-02 29-Sep-02 26-May-02		0.5 0.5 0.5	0.5 8.0 3		X
E1 P/B	E1 E1	Moffat's Trading Bay Trading Bay	Nearshore Deep Water Deep Water	2002 2002 2002	26-May-02 29-Sep-02 26-May-02 1-Jul-02	4.6	0.5 0.5 0.5 0.5	0.5 8.0 3 11		X
E1 P/B E1 P/B	E1 E1 E1	Moffat's Trading Bay Trading Bay Trading Bay	Nearshore Deep Water Deep Water Deep Water	2002 2002 2002 2002	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02	4.6 4.2	0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3		X
E1 P/B E1 P/B E1 P/B	E1 E1 E1	Moffat's Trading Bay Trading Bay Trading Bay Trading Bay	Nearshore Deep Water Deep Water Deep Water Deep Water Deep Water	2002 2002 2002 2002 2002	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02	4.6 4.2 5.9	0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5		
E1 P/B E1 P/B E1 P/B E1 P/B	E1 E1 E1 E1	Moffat's Trading Bay Trading Bay Trading Bay Trading Bay Trading Bay Trading Bay	Nearshore Deep Water Deep Water Deep Water Deep Water Deep Water Deep Water	2002 2002 2002 2002	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02 19-Aug-02	4.6 4.2 5.9 17.7	0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3		x
E1 P/B E1 P/B E1 P/B	E1 E1 E1	Moffat's Trading Bay Trading Bay Trading Bay Trading Bay	Nearshore Deep Water Deep Water Deep Water Deep Water Deep Water	2002 2002 2002 2002 2002 2002 2002	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02	4.6 4.2 5.9	0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B	E1 E1 E1 E1 E1	Moffat's Trading Bay	Nearshore Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02 19-Aug-02 2-Sep-02	4.6 4.2 5.9 17.7	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B B4 P/B B4 P/B	E1 E1 E1 E1 E1 E1 E1 E1 B4 B4	Moffat's Trading Bay	Nearshore Deep Water Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02 19-Aug-02 2-Sep-02 29-Sep-02 1-Sep-03 30-Jun-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B B4 P/B B4 P/B B4 P/B	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4	Moffat's Trading Bay Bigwin Bay Bigwin Bay Bigwin Bay	Nearshore Deep Water Disturbed Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02 19-Aug-02 2-Sep-02 29-Sep-02 1-Sep-03 30-Jun-03 4-Aug-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B B4 P/B B4 P/B B4 P/B B4 P/B	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4	Moffat's Trading Bay Bigwin Bay Bigwin Bay Bigwin Bay Bigwin Bay	Nearshore Deep Water Disturbed Disturbed Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 15-Aug-02 19-Aug-02 29-Sep-02 1-Sep-03 30-Jun-03 8-Jun-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B B4 P/B B4 P/B B4 P/B B4 P/B B4 P/B B4 P/B	E1 E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4	Moffat's Trading Bay Bigwin Bay Bigwin Bay Bigwin Bay Bigwin Bay Bigwin Bay Bigwin Bay	Nearshore Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 15-Jul-02 29-Sep-02 29-Sep-02 29-Sep-03 30-Jun-03 4-Aug-03 14-Jul-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B B4 P/B B4 P/B B4 P/B B4 P/B B4 P/B B4 P/B B4 P/B	E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4	Moffat's Trading Bay Bigwin Bay	Nearshore Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02 29-Sep-02 29-Sep-02 1-Sep-03 30-Jun-03 4-Aug-03 8-Jun-03 28-Sep-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E3 P/B E4 P/B E5 P/B E6 P/B E7 P/B E7 P/B E7 P/B E8 P/B	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4	Moffat's Trading Bay Bigwin Bay	Nearshore Deep Water Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 5-Aug-02 29-Sep-02 19-Aug-02 29-Sep-02 1-Sep-03 30-Jun-03 4-Aug-03 8-Jun-03 14-Jul-03 18-Aug-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B B4 P/B	E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4	Moffat's Trading Bay Bigwin Bay	Nearshore Deep Water Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 29-Sep-03 30-Jun-03 4-Aug-03 14-Jul-03 28-Sep-03 28-Sep-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B B4 P/B	E1 E	Moffat's Trading Bay Bigwin East Bigwin East	Nearshore Deep Water Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 29-Sep-03 30-Jun-03 4-Aug-03 8-Jun-03 14-Jul-03 28-Sep-03 18-Aug-03 18-Aug-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E3 P/B E4 P/B E5 P/B E6 P/B E7 P/B E7 P/B E7 P/B E8	E1 E1 E1 E1 E1 E1 E1 E1 E4 B4	Moffat's Trading Bay Bigwin East Bigwin East Bigwin East	Nearshore Deep Water Disturbed Diep Water Deep Water Deep Water Deep Water Deep Water Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 1-Jul-02 1-Jul-02 15-Jul-02 5-Aug-02 29-Sep-02 19-Aug-02 29-Sep-02 1-Sep-03 4-Aug-03 8-Jun-03 18-Aug-03 28-Sep-03 18-Aug-03 28-Sep-03 4-Aug-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B B4 P/B B1 P/B B1 P B1 P B1 P B1 P	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4 B4 B4 B1 B1 B1	Moffat's Trading Bay Bigwin East Bigwin East Bigwin East Bigwin East	Nearshore Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Dipturbed Dipturbed Dipturbed Dipturbed Dipturbed Dipturbed Dipturbed Dipturbed Deep Water Deep Water Deep Water Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 29-Sep-03 30-Jun-03 4-Aug-03 28-Sep-03 18-Aug-03 28-Sep-03 1-Sep-03 30-Jun-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B B4 P/B	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B1 B1 B1 B1	Moffat's Trading Bay Bigwin East Bigwin East Bigwin East Bigwin East Bigwin East	Nearshore Deep Water Disturbed Dipturbed Disturbed Dipturbed Dipturbed Dipturbed Dipturbed Dipturbed Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 15-Jul-02 29-Sep-02 29-Sep-02 29-Sep-03 30-Jun-03 4-Aug-03 18-Aug-03 18-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B B4 P/B B5 P/B B6 P/B B7 P/B B1 P B1 P B1 P B1 P B1 P	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4 B4 B4 B1 B1 B1	Moffat's Trading Bay Bigwin East	Nearshore Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Dipturbed Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 1-Jul-02 15-Jul-02 15-Jul-02 15-Jul-02 29-Sep-02 29-Sep-02 1-Sep-03 30-Jun-03 4-Aug-03 8-Jun-03 14-Jul-03 28-Sep-03 18-Aug-03 4-Aug-03 18-Pul-03 18-Pul-03 18-Pul-03 18-Pul-03 18-Pul-03 18-Pul-03 18-Pul-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B B4 P/B B1 P B1	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4 B4 B4 B1 B1 B1 B1 B1	Moffat's Trading Bay Bigwin East Bigwin East Bigwin East Bigwin East Bigwin East	Nearshore Deep Water Disturbed Dipturbed Disturbed Dipturbed Dipturbed Dipturbed Dipturbed Dipturbed Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 15-Jul-02 29-Sep-02 29-Sep-02 29-Sep-03 30-Jun-03 4-Aug-03 18-Aug-03 18-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 11 3 5 13		
E1 P/B B4 P/B B1 P B1	E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4 B4 B1 B1 B1 B1 B1 B1 B1	Moffat's Trading Bay Bigwin East	Nearshore Deep Water Disturbed Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 1-Sep-03 30-Jun-03 4-Aug-03 28-Sep-03 18-Aug-03 28-Sep-03 1-Sep-03 1-Sep-03 18-Aug-03 30-Jun-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2 5.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 111 3 5 13 8 59		
E1 P/B B4 P/B B1P B1P B1P B1P B1P B1P B1P B1P B1P B1	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B1 B1 B1 B1 B1 B1 B1 B1 B3 B3 B3 B3	Moffat's Trading Bay Bigwin Bast Bigwin East	Nearshore Deep Water Disturbed Deep Water	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 1-Jul-02 15-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 1-Sep-03 30-Jun-03 4-Aug-03 14-Jul-03 28-Sep-03 1-Sep-03 18-Aug-03 30-Jun-03 14-Jul-03 28-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03 1-Sep-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2 5.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 111 3 5 113 8 59		
E1 P/B B4 P/B B5 P/B B1P B1P B1P B1P B1P B1P B1P B1P B1P B1	E1 B4 B4 B4 B4 B4 B4 B4 B4 B4 B1	Moffat's Trading Bay Bigwin Bast Bigwin East Bigwin Fast Bigwin Fast Bigwin Fast Bigwin Fast Bigwin Fast Bigwin Fast Bigwin North Bigwin North	Nearshore Deep Water Disturbed Deep Water Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 26-May-02 1-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 29-Sep-02 19-Aug-03 30-Jun-03 4-Aug-03 14-Jul-03 28-Sep-03 1-Sep-03 4-Aug-03 18-Aug-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2 5.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 1.5 0.5 0.5 0.5 0.5	0.5 8.0 3 111 3 5 13 8 59 43 11 87 8		
E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E1 P/B E3 P/B E4 P/B B4 P/B B5 P/B B1P B1P B1P B1P B1P B1P B1P B1P B1P B1	E1 E	Moffat's Trading Bay Bigwin East Bigwin Fast Bigwin North Bigwin North Bigwin North Bigwin North	Nearshore Deep Water Disturbed Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 1-Jul-02 1-Jul-02 15-Jul-02 15-Jul-02 25-Aug-02 29-Sep-02 29-Sep-03 30-Jun-03 4-Aug-03 18-Aug-03 14-Jul-03 8-Jun-03 18-Aug-03 14-Jul-03 8-Jun-03 14-Aug-03 28-Sep-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2 5.5 5.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 1.5 1.3 1.3	0.5 8.0 3 111 3 5 13 8 59		
E1 P/B B4 P/B B5 P/B B1P B1P B1P B1P B1P B1P B1P B1P B1P B3 P/B	E1 B4 B4 B4 B4 B4 B4 B4 B4 B1 B1 B1 B1 B1 B1 B1 B1 B1 B3 B3 B3 B3 B3 B3	Moffat's Trading Bay Bigwin East Bigwin North Bigwin North Bigwin North Bigwin North Bigwin North	Nearshore Deep Water Disturbed Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 1-Jul-02 15-Jul-02 15-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 1-Sep-03 30-Jun-03 8-Jun-03 14-Jul-03 28-Sep-03 1-Sep-03 30-Jun-03 18-Aug-03 28-Sep-03 1-Sep-03 1-Sep-03 30-Jun-03 18-Aug-03 30-Jun-03 18-Aug-03 30-Jun-03 18-Jun-03 14-Jul-03 8-Jun-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2 5.5 5.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 111 3 5 13 8 59		
E1 P/B E4 P/B B4 P/B B5 P/B B6 P/B B7 B7 B7 B8 B9 P/B B1P B1P B1P B1P B1P B1P B1P B1P B1P B1	E1 E1 E1 E1 E1 E1 E1 E1 E1 B4 B4 B4 B4 B4 B4 B4 B4 B1	Moffat's Trading Bay Bigwin East Bigwin Fast Bigwin North	Nearshore Deep Water Disturbed Deep Water Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 21-Sep-02 1-Jul-02 15-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 29-Sep-02 1-Sep-03 30-Jun-03 4-Aug-03 14-Jul-03 28-Sep-03 18-Aug-03 18-Aug-03 18-Aug-03 14-Jul-03 28-Sep-03 1-Sep-03 14-Jul-03 28-Sep-03 1-Sep-03 30-Jun-03 14-Aug-03 30-Jun-03 14-Aug-03 30-Jun-03 4-Aug-03 30-Jun-03 4-Aug-03 30-Jun-03 4-Aug-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2 5.5 2.7 2.7 2.7 3.3 4.9	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 1.5 0.5 1.5 0.5 1.5 1.1 1.1	0.5 8.0 3 111 3 5 13 8 59 43 111 8 7 8		
E1 P/B B4 P/B B5 P/B B1P B1P B1P B1P B1P B1P B1P B1P B1P B3 P/B	E1 B4 B4 B4 B4 B4 B4 B4 B4 B1 B1 B1 B1 B1 B1 B1 B1 B1 B3 B3 B3 B3 B3 B3	Moffat's Trading Bay Bigwin East Bigwin North Bigwin North Bigwin North Bigwin North Bigwin North	Nearshore Deep Water Disturbed Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed	2002 2002 2002 2002 2002 2002 2002 200	26-May-02 29-Sep-02 1-Jul-02 15-Jul-02 15-Jul-02 15-Jul-02 19-Aug-02 29-Sep-02 1-Sep-03 30-Jun-03 8-Jun-03 14-Jul-03 28-Sep-03 1-Sep-03 30-Jun-03 18-Aug-03 28-Sep-03 1-Sep-03 1-Sep-03 30-Jun-03 18-Aug-03 30-Jun-03 18-Aug-03 30-Jun-03 18-Jun-03 14-Jul-03 8-Jun-03	4.6 4.2 5.9 17.7 1.8 2.1 3.5 4.8 4.9 5.1 5.4 7.3 2.7 2.9 4.1 4.6 5.2 5.5 5.5	0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	0.5 8.0 3 111 3 5 13 8 59		

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Site Code N11 P/B	Site N11	Site Name Britannia	Site Type Disturbed	Year	Date 14-Jul-03	Total 3.6	E. coli	Total	Bad	Outlier
N11 P/B	N11	Britannia	Disturbed	2003 2003	4-Aug-03	3.8				
N11 P/B	N11	Britannia	Disturbed	2003	8-Jun-03	4.8				
N11 P/B	N11	Britannia	Disturbed	2003	14-Aug-03	5.3				
N11 P/B	N11	Britannia	Disturbed	2003	30-Jun-03	5.6				
N11 P/B	N11	Britannia	Disturbed	2003	1-Sep-03	12.6				x
N1 P	N1	Dwight Bay	Deep Water	2003	14-Jul-03	0.7				S
N1 P	N1	Dwight Bay	Deep Water	2003	4-Aug-03	2.0				
N1 P	N1	Dwight Bay	Deep Water	2003	28-Sep-03	3.1				
N1 P	N1	Dwight Bay	Deep Water	2003	18-Aug-03	5.0				
N1 P	N1	Dwight Bay	Deep Water	2003	30-Jun-03	5.4				
N1 P	N1	Dwight Bay	Deep Water	2003	1-Sep-03	5.6				
N1 P B2 P/B	N1 B2	Dwight Bay	Deep Water	2003	8-Jun-03	2.4	-			
B2 P/B	B2	Fairview Fairview	Deep Water Deep Water	2003 2003	1-Sep-03 28-Sep-03	2.6	-			
B2 P/B	B2	Fairview	Deep Water	2003	18-Aug-03	3.2	1			
B2 P/B	B2	Fairview	Deep Water	2003	30-Jun-03	4.0				
B2 P/B	B2	Fairview	Deep Water	2003	14-Jul-03	4.2				
B2 P/B	B2	Fairview	Deep Water	2003	4-Aug-03	4.2				
B2 P/B	B2	Fairview	Deep Water	2003	8-Jun-03	4.4				
N10 P/B	N10	Gull Rock	Deep Water	2003	1-Sep-03	2.1	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2003	28-Sep-03	2.7	1	13		
N10 P/B	N10	Gull Rock	Deep Water	2003	18-Aug-03	4.4	5	8		
N10 P/B	N10	Gull Rock	Deep Water	2003	30-Jun-03	4.8	19	30		
N10 P/B	N10	Gull Rock	Deep Water	2003	8-Jun-03	5.0			1	
N10 P/B	N10	Gull Rock	Deep Water	2003	4-Aug-03	6.1	1 1	8		
N10 P/B	N10	Gull Rock	Deep Water	2003	14-Jul-03	16.9	1	5	 	X
E13 P/B E13 P/B	E13	Haystack Bay Haystack Bay	Deep Water Deep Water	2003 2003	28-Sep-03 1-Sep-03	2.7 3.0			-	
E13 P/B	E13	Haystack Bay	Deep Water Deep Water	2003	14-Aug-03	4.2	-			
E13 P/B	E13	Haystack Bay	Deep Water Deep Water	2003	8-Jun-03	4.2			-	
E13 P/B	E13	Haystack Bay	Deep Water Deep Water	2003	4-Aug-03	4.8			t	
E13 P/B	E13	Haystack Bay	Deep Water	2003	30-Jun-03	5.2				
E13 P/B	E13	Haystack Bay	Deep Water	2003	14-Jul-03	5.9				
E 6 P/B	E6	Hollow River Lagoon	River	2003	28-Sep-03	5.1				
E 6 P/B	E6	Hollow River Lagoon	River	2003	14-Aug-03	5.2	3	469		
E 6 P/B	E6	Hollow River Lagoon	River	2003	1-Sep-03	5.2				
E 6 P/B	E6	Hollow River Lagoon	River	2003	4-Aug-03	7.7	25	619		
E 6 P/B	E6	Hollow River Lagoon	River	2003	14-Jul-03	8.5	11	388		
E 6 P/B	E6	Hollow River Lagoon	River	2003	30-Jun-03	11.4	25	240		
E 6 P/B LD	E6	Hollow River Lagoon	River	2003	4-Aug-03		24	76		
E 6A P/B	E6a	Hollow River lagoon-	River	2003	14-Aug-03	4.4	30	271		
E 6A P/B	E6a	Hollow River lagoon-	River	2003	1-Sep-03	4.4	403	619		
E 6A P/B E 6A P/B	E6a E6a	Hollow River lagoon- Hollow River lagoon-	River River	2003 2003	4-Aug-03 14-Jul-03	6.4 6.5	102	534		
E 6A P/B	E6a	Hollow River lagoon-	River	2003	30-Jun-03	7.3	30	177		
E18 P/B	E18	Hollow River mouth	River	2003	14-Aug-03	4.3	52	226		
E18 P/B	E18	Hollow River mouth	River	2003	1-Sep-03	4.3	02	220		
E18 P/B	E18	Hollow River mouth	River	2003	4-Aug-03	5.1	94	489		
E18 P/B	E18	Hollow River mouth	River	2003	14-Jul-03	6.2	46	307		
E18 P/B	E18	Hollow River mouth	River	2003	30-Jun-03	7.4	30	166		
N13 P/B	N13	Moffat's	Nearshore	2003	1-Sep-03	1.8	1.0	16.0		
N13 P/B	N13	Moffat's	Nearshore	2003	28-Sep-03	2.3	1.0	5.0		
N13 P/B	N13	Moffat's	Nearshore	2003	14-Aug-03	2.9	3.0	5.0		
N13 P/B	N13	Moffat's	Nearshore	2003	4-Aug-03	3.5	1.0	7.0		
N13 P/B	N13	Moffat's	Nearshore	2003	30-Jun-03	4.0	1.0	1.0		
N13 P/B	N13	Moffat's	Nearshore	2003	14-Jul-03	4.9	1.0	11.0		
N13 P/B E1 P/B	N13 E1	Moffat's	Nearshore Deep Water	2003 2003	8-Jun-03 8-Jun-03	5.2			 	
E1 P/B	E1	Trading Bay Trading Bay	Deep Water Deep Water	2003	8-Jun-03 30-Jun-03	4.3	3	8	 	
E1 P/B	E1	Trading Bay Trading Bay	Deep Water Deep Water	2003	14-Jul-03	4.3	1	3	 	
E1 P/B	E1	Trading Bay Trading Bay	Deep Water	2003	4-Aug-03	6.9	1	1		
E1 P/B	E1	Trading Bay	Deep Water	2003	18-Aug-03	2.9	1	5		
E1 P/B	E1	Trading Bay	Deep Water	2003	1-Sep-03	2.4	1	1		
E1 P/B	E1	Trading Bay	Deep Water	2003	28-Sep-03	2.8	1	3		
B4 P/B	B4	Bigwin Bay	Disturbed	2004	5-Jul-04	3.6				
B4 P/B	B4	Bigwin Bay	Disturbed	2004	6-Sep-04	4.3				
B4 P/B	B4	Bigwin Bay	Disturbed	2004	2-Aug-04	4.9				
B4 P/B	B4	Bigwin Bay	Disturbed	2004	19-Jul-04	6.6			1	
B4 P/B	B4	Bigwin Bay	Disturbed	2004	23-Aug-04		1			
B1P	B1	Bigwin East	Deep Water	2004	5-Jul-04	2.7			1	
B1P B1P	B1	Bigwin East	Deep Water	2004	6-Sep-04	3.6	1		-	
B1P B1P	B1 B1	Bigwin East Bigwin East	Deep Water Deep Water	2004 2004	2-Aug-04 23-Aug-04	4.2 5.1			-	
B1P	B1	Bigwin East Bigwin East	Deep Water Deep Water	2004	23-Aug-04 19-Jul-04	5.3			-	
B3 P/B	B3	Bigwin North	Disturbed	2004	5-Jul-04	3.4	8	141		
B3 P/B	B3	Bigwin North	Disturbed	2004	2-Aug-04	5.1	16	72	1	
B3 P/B	B3	Bigwin North	Disturbed	2004	6-Sep-04	5.1	3	83		
B3 P/B	B3	Bigwin North	Disturbed	2004	19-Jul-04	7.7	5	280		
B3 P/B	B3	Bigwin North	Disturbed	2004	23-Aug-04	27.7	1	65		Х
B3 P/B FD	B3	Bigwin North	Disturbed	2004	6-Sep-04		3	76		
B3 P/B LD	B3	Bigwin North	Disturbed	2004	6-Sep-04	-	1	80		
N11 P/B	N11	Britannia	Disturbed	2004	5-Jul-04	2.8				
N11 P/B	N11	Britannia	Disturbed	2004	23-Aug-04	3.6				
N11 P/B	N11	Britannia	Disturbed	2004	2-Aug-04	4.6			1	
N11 P/B	N11	Britannia	Disturbed	2004	19-Jul-04	5.1	1			
N11 P/B	N11	Britannia	Disturbed Dean Weter	2004	6-Sep-04	4.4			1	
N1 P	N1	Dwight Bay	Deep Water	2004	23-Aug-04	4.4	1		1	

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N1 P	Site N1	Site Name Dwight Bay	Site Type	Year	Date 2-Aug-04	Total	E. coli	Total	Bad	Outlier
N1 P	N1	Dwight Bay	Deep Water Deep Water	2004 2004	2-Aug-04 19-Jul-04	6.3 7.7				
N1 P	N1	Dwight Bay	Deep Water	2004	6-Sep-04	1.1				
B2 P/B	B2	Fairview	Deep Water	2004	5-Jul-04	1.7				
B2 P/B	B2	Fairview	Deep Water	2004	6-Sep-04	3.9				
B2 P/B	B2	Fairview	Deep Water	2004	23-Aug-04	4.4				
B2 P/B	B2	Fairview	Deep Water	2004	19-Jul-04	4.8				
B2 P/B	B2	Fairview	Deep Water	2004	2-Aug-04	5.3				
N10 P/B	N10	Gull Rock	Deep Water	2004	6-Sep-04	4.1				
N10 P/B	N10	Gull Rock	Deep Water	2004	23-Aug-04	4.7	1	8		
N10 P/B	N10	Gull Rock	Deep Water	2004	19-Jul-04	5.0	1	11		
N10 P/B	N10	Gull Rock	Deep Water	2004	2-Aug-04	5.4	1	11		
N10 P/B E13 P/B	N10	Gull Rock	Deep Water	2004	5-Jul-04 5-Jul-04	6.2	1	52		
E13 P/B	E13 E13	Haystack Bay Haystack Bay	Deep Water Deep Water	2004 2004	23-Aug-04	2.4 4.3				
E13 P/B	E13	Haystack Bay	Deep Water	2004	19-Jul-04	5.9				
E13 P/B	E13	Haystack Bay	Deep Water	2004	2-Aug-04	5.9				
E13 P/B	E13	Haystack Bay	Deep Water	2004	6-Sep-04	74				х
E18 P/B	E18	Hollow River mouth	River	2004	5-Jul-04	6.0	141	694		
E18 P/B	E18	Hollow River mouth	River	2004	2-Aug-04	7.1	62	1038		
E18 P/B	E18	Hollow River mouth	River	2004	19-Jul-04	25.1	33	166		R
E18 P/B FD	E18	Hollow River mouth	River	2004	2-Aug-04		119	1174		
E18 P/B LD	E18	Hollow River mouth	River	2004	2-Aug-04		38	80		
E18 P/B	E18	Hollow River mouth	River	2004	23-Aug-04		52	132		
N13 P/B	N13	Moffat's	Nearshore	2004	5-Jul-04	2.8	8.0	19.0	1	
N13 P/B	N13	Moffat's	Nearshore	2004	23-Aug-04	3.3	3.0	33.0	1	
N13 P/B	N13	Moffat's	Nearshore	2004	2-Aug-04	4.3	1.0	28.0	1	
N13 P/B	N13	Moffat's	Nearshore	2004	6-Sep-04	4.7	1.0	127.0	1	
N13 P/B N13 P/B FD	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2004 2004	19-Jul-04 2-Aug-04	5.8	1.0 3.0	13.0 13.0	1	
N13 P/B LD	N13	Moffat's	Nearshore	2004	2-Aug-04 2-Aug-04		1.0	8.0		
N13 P/B LD	N13	Moffat's	Nearshore	2004	23-Aug-04 23-Aug-04		1.0	33.0	1	
N 2P/B	N2	Oxtongue mouth	River	2004	6-Sep-04	6.5	1	206		
N 2P/B	N2	Oxtongue mouth	River	2004	23-Aug-04	7.1	1	69		
N 2P/B	N2	Oxtongue mouth	River	2004	19-Jul-04	7.9	16	156		
N 2P/B	N2	Oxtongue mouth	River	2004	2-Aug-04	8.1	46	350		
N 2P/B	N2	Oxtongue mouth	River	2004	5-Jul-04					
E1 P/B	E1	Trading Bay	Deep Water	2004	5-Jul-04	1.9	3	19		
E1 P/B	E1	Trading Bay	Deep Water	2004	19-Jul-04	12.3	3	16		Х
E1 P/B	E1	Trading Bay	Deep Water	2004	2-Aug-04	7.8	3	22		
E1 P/B	E1	Trading Bay	Deep Water	2004	23-Aug-04	5.8				
E1 P/B	E1	Trading Bay	Deep Water	2004	6-Sep-04	3.9	1	22		
S1 P/B S1 P/B	S1 S1	Adamson's Island Adamson's Island	Nearshore Nearshore	2005 2005	1-Sep-05 18-Jul-05	3.7 4.3	1	3		
S1 P/B	S1	Adamson's Island	Nearshore	2005	4-Jul-05	6.5	3	5 8		
S1 P/B	S1	Adamson's Island	Nearshore	2005	1-Aug-05	0.5	1	11		
S1 P/B FD	S1	Adamson's Island	Nearshore	2005	1-Aug-05		1	8		
S1 P/B	S1	Adamson's Island	Nearshore	2005	14-Aug-05		1	5		
S1 P/B FD	S1	Adamson's Island	Nearshore	2005	1-Sep-05		1	8		
S1 P/B LD	S1	Adamson's Island	Nearshore	2005	1-Sep-05		1	4		
B1P	B1	Bigwin East	Deep Water	2005	4-Jul-05	2.8				
B1P	B1	Bigwin East	Deep Water	2005	1-Aug-05	3.7				
B1P	B1	Bigwin East	Deep Water	2005	1-Sep-05	3.8				
B1P	B1	Bigwin East	Deep Water	2005	18-Jul-05	4.8				
B1P	B1	Bigwin East	Deep Water	2005	14-Aug-05	4.8				
B3 P/B	B3	Bigwin North	Disturbed	2005	1-Aug-05	3.5	3	49		
B3 P/B	B3	Bigwin North	Disturbed	2005	4-Jul-05	3.9	5	33		
B3 P/B B3 P/B	B3 B3	Bigwin North Bigwin North	Disturbed Disturbed	2005 2005	1-Sep-05 18-Jul-05	3.9 9.3	8	28 25	-	
B3 P/B	B3	Bigwin North	Disturbed	2005	14-Aug-05	9.3	5	46		
N24 P/B	N24	Bigwin North Boothby's	Nearshore	2005	14-Aug-05 18-Jul-05	6.2	3	11	1	
N24 P/B	N24	Boothby's	Nearshore	2005	14-Aug-05	10.3	1	1		
N24 P/B	N24	Boothby's	Nearshore	2005	4-Jul-05		3	8	İ	
N24 P/B FD	N24	Boothby's	Nearshore	2005	4-Jul-05		3	11		
N24 P/B FD	N24	Boothby's	Nearshore	2005	18-Jul-05		5	8		
N24 P/B	N24	Boothby's	Nearshore	2005	1-Aug-05		3	16		
N24 P/B FD	N24	Boothby's	Nearshore	2005	1-Aug-05		5	8		
N24 P/B FD	N24	Boothby's	Nearshore	2005	14-Aug-05		3	8		
N24 P/B	N24	Boothby's	Nearshore	2005	1-Sep-05		1	8	1	
N24 P/B FD	N24	Boothby's	Nearshore	2005	1-Sep-05		11	13	<u> </u>	ļ
N11 P/B	N11	Britannia	Disturbed	2005	18-Jul-05	2.1	-		1	
N11 P/B	N11	Britannia Britannia	<u>Disturbed</u>	2005	18-Jul-05	4.7	+		1	
N11 P/B N11 P/B	N11 N11	Britannia Britannia	Disturbed Disturbed	2005 2005	14-Aug-05 1-Sep-05	5.8 9.4	+		1	х
N11 P/B	N11	Britannia	Disturbed	2005	4-Jul-05	J.4	+		1	^
N11 P/B N11 P/B	N11	Britannia Britannia	Disturbed	2005	4-Jul-05 1-Aug-05		+		1	
N1 P	N1	Dwight Bay	Deep Water	2005	1-Aug-05	3.3	1		1	
N1 P	N1	Dwight Bay	Deep Water	2005	1-Sep-05	3.4	1			
N1 P	N1	Dwight Bay	Deep Water	2005	14-Aug-05	5.9	1		1	
N1 P	N1	Dwight Bay	Deep Water	2005	18-Jul-05	6.1				
B2 P/B	B2	Fairview	Deep Water	2005	1-Aug-05	3.5				
B2 P/B	B2	Fairview	Deep Water	2005	14-Aug-05	4.0				
B2 P/B	B2	Fairview	Deep Water	2005	1-Sep-05	4.2				
B2 P/B	B2	Fairview	Deep Water	2005	18-Jul-05	7.2	ļ			
B2 P/B	B2	Fairview	Deep Water	2005	4-Jul-05				1	
N10 P/B	N10	Gull Rock	Deep Water	2005	1-Aug-05	2.7	3	8	1	
N10 P/B	N10	Gull Rock	Deep Water	2005	4-Jul-05	4.1	5	8	1	
N10 P/B	N10	Gull Rock	Deep Water	2005	1-Sep-05	4.4	1	3	1	ı

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	Site N10	Site Name Gull Rock	Site Type Deep Water	Year 2005	Date 18-Jul-05	Total 5.0	E. coli	Total 5	Bad	Outlier
	N10	Gull Rock	Deep Water	2005	14-Aug-05	5.6	1	3		
	N10	Gull Rock	Deep Water	2005	18-Jul-05	-	3	8		
	N10	Gull Rock	Deep Water	2005	18-Jul-05		1	3		
	N10	Gull Rock	Deep Water	2005	1-Sep-05		1	1		
	N10	Gull Rock	Deep Water	2005	1-Sep-05	2.0	1 8	1 59		
	E18 E18	Hollow River mouth Hollow River mouth	River River	2005 2005	1-Aug-05 1-Sep-05	3.0	19	114		
	E18	Hollow River mouth	River	2005	18-Jul-05	6.3	11	102		
	E18	Hollow River mouth	River	2005	4-Jul-05	11.0	16	72		R
E18 P/B	E18	Hollow River mouth	River	2005	14-Aug-05		28	182		
	E20	Little Trading Bay	Deep Water	2005	1-Sep-05	4.8	3	33		
	E20	Little Trading Bay	Deep Water	2005	1-Aug-05	5.2	3	19		
	E20 E20	Little Trading Bay Little Trading Bay	Deep Water Deep Water	2005 2005	18-Jul-05 4-Jul-05	5.8 5.9	5 8	11 28		
	E20	Little Trading Bay	Deep Water	2005	18-Jul-05	5.5	3	8		
	E20	Little Trading Bay	Deep Water	2005	18-Jul-05		1	4		
	E20	Little Trading Bay	Deep Water	2005	14-Aug-05		1	33		
	S2	Menominee Bay	Nearshore	2005	18-Jul-05	2.4	1	3		
	S2	Menominee Bay	Nearshore	2005	1-Sep-05	2.9	1	5		
	S2 S2	Menominee Bay	Nearshore	2005	14-Aug-05	3.9 11.0	1	8		
S2 P/B S2 P/B	S2	Menominee Bay Menominee Bay	Nearshore Nearshore	2005 2005	4-Jul-05 1-Aug-05	11.0	1	5 16		Х
	S2	Menominee Bay	Nearshore	2005	14-Aug-05		1	11		
	S2	Menominee Bay	Nearshore	2005	14-Aug-05		1	12		
N13 P/B	N13	Moffat's	Nearshore	2005	18-Jul-05	2.8	5	39		
	N13	Moffat's	Nearshore	2005	1-Sep-05	3.5	8	22		
	N13	Moffat's	Nearshore	2005	4-Jul-05	4.0	2	40		
	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2005 2005	14-Aug-05 4-Jul-05	4.4 5.7	3	19 16	bs	
	N13	Moffat's	Nearshore	2005	18-Jul-05	5.1	3	30	DS	
	N13	Moffat's	Nearshore	2005	18-Jul-05		1	56		
	N13	Moffat's	Nearshore	2005	1-Aug-05		3	43		
	N13	Moffat's	Nearshore	2005	1-Aug-05		5	28		
	N13	Moffat's	Nearshore	2005	14-Aug-05		3	22		
	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2005 2005	14-Aug-05 1-Sep-05		1 8	8 28		
	N2	Oxtongue mouth	River	2005	1-Aug-05	4.2	0	20		
	N2	Oxtongue mouth	River	2005	1-Sep-05	6.1				
	N2	Oxtongue mouth	River	2005	14-Aug-05	6.2	52	87		
	N2	Oxtongue mouth	River	2005	18-Jul-05	7.2	28	132		
	N2	Oxtongue mouth	River	2005	4-Jul-05					
	S3 S3	Price's Point Price's Point	Deep Water Deep Water	2005 2005	4-Jul-05 18-Jul-05	3.7	1	11		
	S3	Price's Point	Deep Water	2005	1-Aug-05	3.1	1	<u>8</u> 5		
	S3	Price's Point	Deep Water	2005	14-Aug-05	2.4	1	11		
S3 P/B FD	S3	Price's Point	Deep Water	2005	14-Aug-05		1	3		
	S3	Price's Point	Deep Water	2005	14-Aug-05		1	1		
	S3	Price's Point	Deep Water	2005	1-Sep-05	4.1	1	8		
	S3	Price's Point	Deep Water	2005	1-Sep-05		1	5		
	S3 E1	Price's Point Trading Bay	Deep Water Deep Water	2005 2005	1-Sep-05 4-Jul-05	6.7	1 5	1 8		
	E1	Trading Bay	Deep Water	2005	18-Jul-05	4.9	8	16		
	E1	Trading Bay	Deep Water	2005	1-Aug-05	2.6	5	11		
E1 P/B	E1	Trading Bay	Deep Water	2005	14-Aug-05		5	16		
	E1	Trading Bay	Deep Water	2005	1-Sep-05	6.0	3	8		
S1 P/B	S1	Adamson's Island	Nearshore	2006	3-Jul-06	3.7	1	43		
	S1 S1	Adamson's Island Adamson's Island	Nearshore Nearshore	2006 2006	1-Sep-06 17-Jul-06	4.1 5.1	1	3	1	
	S1	Adamson's Island	Nearshore	2006	21-Aug-06	5.2	3	5	 	
	S1	Adamson's Island	Nearshore	2006	7-Aug-06	5.6	1	5		
S1 P/B	S1	Adamson's Island	Nearshore	2006	1-Sep-06	7.7	5	16	bs	
	S1	Adamson's Island	Nearshore	2006	7-Aug-06		1	25		
	S1	Adamson's Island	Nearshore	2006	7-Aug-06	0.0	1	17	1	
	B1 B1	Bigwin East Bigwin East	Deep Water Deep Water	2006 2006	7-Aug-06 1-Sep-06	3.3 4.1	3	<u>8</u> 8	-	
	B1	Bigwin East Bigwin East	Deep Water Deep Water	2006	7-Aug-06	4.1	3	0		
	B1	Bigwin East	Deep Water	2006	1-Sep-06	5.4	1	3	İ	
	B1	Bigwin East	Deep Water	2006	3-Jul-06	6.1	1	1		
	B1	Bigwin East	Deep Water	2006	21-Aug-06	6.1	3	15		
	B1	Bigwin East	Deep Water	2006	17-Jul-06	6.3	3	5	ļ <u> </u>	
	B1	Bigwin East	Deep Water	2006	21-Aug-06	7.4		40		
	B1 B1	Bigwin East Bigwin East	Deep Water Deep Water	2006 2006	17-Jul-06 17-Jul-06		5 4	13 4	-	
	N24	Boothby's	Nearshore	2006	3-Jul-06	3.9	1	1		
	N24	Boothby's	Nearshore	2006	7-Aug-06	5.7	1	33	1	
	N24	Boothby's	Nearshore	2006	21-Aug-06	5.7	1	8		
N24 P/B	N24	Boothby's	Nearshore	2006	17-Jul-06	7.7	1	1		
	N24	Boothby's	Nearshore	2006	3-Jul-06		1	1		
	N24	Boothby's	Nearshore	2006	7-Aug-06		3	22	1	
	N24	Boothby's	Nearshore	2006	7-Aug-06		1	54	1	
	N24 N1	Boothby's Dwight Bay	Nearshore Deep Water	2006 2006	1-Sep-06 17-Jul-06	4.5	3 8	<u>3</u> 8	1	
	N1	Dwight Bay	Deep Water	2006	17-Jul-06	4.5		J	1	
	N1	Dwight Bay	Deep Water	2006	3-Jul-06	5.0	1	1	1	
N1 P	N1	Dwight Bay	Deep Water	2006	21-Aug-06	6.7	1	1		
	N1	Dwight Bay	Deep Water	2006	1-Sep-06	9.2	3	13		
	N1	Dwight Bay	Deep Water	2006	1-Sep-06	31.9	1		bs	i

			<u></u>							
Site Code N1 P/B FD	Site	Site Name	Site Type Deep Water	Year	Date OC	Total	E. coli	Total	Bad	Outlier
N1 P/B LD	N1 N1	Dwight Bay Dwight Bay	Deep Water Deep Water	2006 2006	21-Aug-06 21-Aug-06		3 4	3 8		
B2 P/B	B2	Fairview	Deep Water	2006	1-Sep-06	4.1	1	5		
B2 P/B	B2	Fairview	Deep Water	2006	7-Aug-06	4.3	3	8		
B2 P/B	B2	Fairview	Deep Water	2006	3-Jul-06	4.7	5	5		
B2 P/B	B2	Fairview	Deep Water	2006	17-Jul-06	6.3	1	1		
B2 P/B	B2	Fairview	Deep Water	2006	21-Aug-06	6.7	1	5		
B2P FD	B2	Fairview	Deep Water	2006	7-Aug-06	7.5	3	3	bs	
B2P FD	B2	Fairview	Deep Water	2006	21-Aug-06	7.5				
B2P LD	B2	Fairview	Deep Water	2006	7-Aug-06		4	12		
N10 P/B	N10	Gull Rock	Deep Water	2006	17-Jul-06	4.2	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2006	8-Aug-06 3-Jul-06	4.3	1	8		
N10 P/B N10 P/B	N10 N10	Gull Rock Gull Rock	Deep Water Deep Water	2006 2006	21-Aug-06	4.7 6.7	5	3 13		
N10 P/B	N10	Gull Rock	Deep Water	2006	1-Sep-06	8.3	1	3		
N10 P/B FD	N10	Gull Rock	Deep Water	2006	3-Jul-06	0.0	3	5		
E13 P/B	E13	Havstack Bav	Deep Water	2006	3-Jul-06	5.6	3	3		
E13 P/B	E13	Haystack Bay	Deep Water	2006	17-Jul-06	5.7	3	8		
E13 P/B	E13	Haystack Bay	Deep Water	2006	21-Aug-06	9.1	3	3		
E13 P/B	E13	Haystack Bay	Deep Water	2006	1-Sep-06	14.1	3	5		Х
E13 P/B	E13	Haystack Bay	Deep Water	2006	7-Aug-06	40.3	1	5		х
E13 P/B FD	E13	Haystack Bay	Deep Water	2006	21-Aug-06		5	11		
E13 P/B LD	E13	Haystack Bay	Deep Water	2006	21-Aug-06		4	8		
E20 P/B	E20	Little Trading Bay	Deep Water	2006	8-Aug-06	4.4	3	19	-	
E20 P/B	E20	Little Trading Bay	Deep Water	2006	17-Jul-06	6.1	5	19	 	
E20 P/B E20 P/B	E20 E20	Little Trading Bay Little Trading Bay	Deep Water Deep Water	2006 2006	21-Aug-06 1-Sep-06	6.5 10.3	3	11	 	
E20 P/B	E20	Little Trading Bay	Deep Water	2006	3-Jul-06	11.9	3	13		
E20 P/B FD	E20	Little Trading Bay	Deep Water	2006	17-Jul-06	11.0	5	19	1	
E20 P/B LD	E20	Little Trading Bay	Deep Water	2006	17-Jul-06		4	20		
S2 P/B	S2	Menominee Bay	Nearshore	2006	7-Aug-06	2.8	3	19		
S2 P/B	S2	Menominee Bay	Nearshore	2006	17-Jul-06	3.9	1	8		
S2 P/B	S2	Menominee Bay	Nearshore	2006	3-Jul-06	4.8	1	1		
S2 P/B	S2	Menominee Bay	Nearshore	2006	21-Aug-06	5.6	3	3		
S2 P/B FD	S2	Menominee Bay	Nearshore	2006	1-Sep-06	8.1				
S2 P/B	S2	Menominee Bay	Nearshore	2006	1-Sep-06	15.9	1	5	bs	
S2 P/B FD	S2	Menominee Bay	Nearshore	2006	3-Jul-06	4.0	3	3		
N13 P/B N13 P/B	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2006 2006	7-Aug-06 17-Jul-06	4.2 4.3	<u>3</u>	5 13		
N13 P/B	N13	Moffat's	Nearshore	2006	1-Sep-06	4.3	3	5		
N13 P/B	N13	Moffat's	Nearshore	2006	3-Jul-06	4.8	1	1		
N13 P/B	N13	Moffat's	Nearshore	2006	21-Aug-06	6.7	1	3		
N13 P/B FD	N13	Moffat's	Nearshore	2006	3-Jul-06		3	11		
N13 P/B FD	N13	Moffat's	Nearshore	2006	17-Jul-06		3	11		
N13 P/B LD	N13	Moffat's	Nearshore	2006	17-Jul-06		4	16		
S3 P/B	S3	Price's Point	Deep Water	2006	3-Jul-06	5.9	1	5		
S3 P/B	S3	Price's Point	Deep Water	2006	17-Jul-06	4.9	1	1		
S3 P/B	S3	Price's Point	Deep Water	2006	7-Aug-06	4.1	1	16		
S3 P/B	S3	Price's Point	Deep Water	2006	21-Aug-06	6.5	3	3		
S3 P/B	S3	Price's Point	Deep Water	2006	1-Sep-06 1-Sep-06	8.5	1	5		
E30 P/B E30 P/B	E30 E30	Ten Mile Bay Ten Mile Bay	Deep Water Deep Water	2006 2006	7-Aug-06	4.2 6.0	1	5 1		
E30 P/B	E30	Ten Mile Bay	Deep Water	2006	3-Jul-06	6.4	1	1		
E30 P/B	E30	Ten Mile Bay	Deep Water	2006	17-Jul-06	7.7	1	3		
E30 P/B	E30	Ten Mile Bay	Deep Water	2006	21-Aug-06	10.2	1	8		х
E30 P/B FD	E30	Ten Mile Bay	Deep Water	2006	21-Aug-06	10.2				X
E1 P/B	E1	Trading Bay	Deep Water	2006	3-Jul-06	5.4	1	5		
E1 P/B	E1	Trading Bay	Deep Water	2006	17-Jul-06	7.3	1	1	bs	
E1 P/B FD	E1	Trading Bay	Deep Water	2006	17-Jul-06	4.5				
E1 P/B	E1	Trading Bay	Deep Water	2006	7-Aug-06	3.3	1	8		ļ
E1 P/B	E1	Trading Bay	Deep Water	2006	21-Aug-06	11.0	3	5	1	
E1 P/B FD E1 P/B LD	E1 E1	Trading Bay Trading Bay	Deep Water Deep Water	2006 2006	21-Aug-06 21-Aug-06		5 4	13 4	-	
E1 P/B LD	E1	Trading Bay Trading Bay	Deep Water Deep Water	2006	1-Sep-06	5.6	3	13	 	
S1 P/B	S1	Adamson's Island	Nearshore	2007	20-Aug-07	2.0	1	3		
S1 P/B	S1	Adamson's Island	Nearshore	2007	2-Jul-07	2.5	1	5		
S1 P/B	S1	Adamson's Island	Nearshore	2007	31-Aug-07	3.7	1	1		
S1 P/B	S1	Adamson's Island	Nearshore	2007	6-Aug-07	4.1	1	13		
S1 P/B	S1	Adamson's Island	Nearshore	2007	23-Jul-07	4.2	1	1		
S1 P/B FD	S1	Adamson's Island	Nearshore	2007	2-Jul-07		1	1		
S1 P/B LD	S1	Adamson's Island	Nearshore	2007	2-Jul-07		1	1		
B1 P/B	B1	Bigwin East	Deep Water	2007	20-Aug-07	2.9	1	1		
B1 P/B	B1	Bigwin East	Deep Water	2007	2-Jul-07	3.7	1	1	<u> </u>	
B1 P/B B1 P/B	B1	Bigwin East	Deep Water	2007	23-Jul-07	4.8	1	1	 	
B1 P/B B1 P/B	B1 B1	Bigwin East Bigwin East	Deep Water Deep Water	2007 2007	6-Aug-07 31-Aug-07	5.1 6.1	1	5 3	 	
B1P FD	B1	Bigwin East Bigwin East	Deep Water Deep Water	2007	23-Jul-07	0.1	1	3	 	
B1P LD	B1	Bigwin East	Deep Water	2007	23-Jul-07		4	56		
B3 P/B	B3	Bigwin North	Disturbed	2007	2-Jul-07	5.4	1	5	1	
B3 P/B	B3	Bigwin North	Disturbed	2007	31-Aug-07	5.6	3	28		
B3 P/B	B3	Bigwin North	Disturbed	2007	23-Jul-07	5.7	1	1	1	
B3 P/B	B3	Bigwin North	Disturbed	2007	20-Aug-07	8.3	1	8		
B3 P/B	B3	Bigwin North	Disturbed	2007	6-Aug-07	97.7	1	3		Х
N24 P/B	N24	Boothby's	Nearshore	2007	20-Aug-07	3.0	1	3		
N24 P/B	N24	Boothby's	Nearshore	2007	2-Jul-07	3.8	1	1		
N24 P/B	N24	Boothby's	Nearshore	2007	31-Aug-07	4.3	1	3	1	
N24 P/B	N24	Boothby's	Nearshore	2007	6-Aug-07	7.3	1	5		
N24 P/B	N24	Boothby's	Nearshore	2007	23-Jul-07	7.8	1	5	1	l

Site Code	Cito	Cita Nama	Site Type	Voor	Doto	Total	E soli	Total	Pod	Outlion
N24 P/B FD	Site N24	Site Name Boothby's	Site Type Nearshore	Year 2007	Date 6-Aug-07	Total	E. coli	Total 8	Bad	Outlier
N24 P/B LD	N24	Boothby's	Nearshore	2007	6-Aug-07		1	108		
N24 P/B FD	N24	Boothby's	Nearshore	2007	20-Aug-07		1	1		
N24 P/B LD	N24	Boothby's	Nearshore	2007	20-Aug-07		1	8		
N11 P/B	N11	Britannia	Disturbed	2007	2-Jul-07	3.5	3	5		
N11 P/B	N11	Britannia	Disturbed	2007	6-Aug-07	3.8	1	5		
N11 P/B	N11	Britannia	Disturbed	2007	31-Aug-07	5.1	1	3		
N11 P/B	N11	Britannia	Disturbed	2007	20-Aug-07	5.3	5	11		
N11 P/B N11 P/B FD	N11 N11	Britannia Britannia	Disturbed Disturbed	2007 2007	23-Jul-07 2-Jul-07	5.8	3	<u>3</u> 8		
N11 P/B LD	N11	Britannia	Disturbed	2007	2-Jul-07		1	4		
N11 P/B FD	N11	Britannia	Disturbed	2007	31-Aug-07		1	11		
N1 P/B FD	N1	Dwight Bay	Deep Water	2007	20-Aug-07	4.0	· ·			
N1 P/B	N1	Dwight Bay	Deep Water	2007	2-Jul-07	4.3	1	5		
N1 P/B	N1	Dwight Bay	Deep Water	2007	20-Aug-07	4.6	1	1		
N1 P/B	N1	Dwight Bay	Deep Water	2007	31-Aug-07	5.3	1	5		
N1 P/B	N1	Dwight Bay	Deep Water	2007	23-Jul-07	6.1	1	13		
N1 P/B	N1	Dwight Bay	Deep Water	2007	6-Aug-07	9.6	1	5		
N1 P/B FD	N1	Dwight Bay	Deep Water	2007	23-Jul-07		1	8		
N1 P/B LD	N1	Dwight Bay	Deep Water	2007	23-Jul-07		1	4		
N1 P/B FD N1 P/B LD	N1 N1	Dwight Bay Dwight Bay	Deep Water Deep Water	2007 2007	6-Aug-07 6-Aug-07		1	5 8		
B2 P/B	B2	Fairview	Deep Water	2007	20-Aug-07	2.4	1	5		
B2 P/B	B2	Fairview	Deep Water	2007	2-Jul-07	3.3	1	3		
B2 P/B	B2	Fairview	Deep Water	2007	6-Aug-07	4.1	1	5		
B2 P/B	B2	Fairview	Deep Water	2007	23-Jul-07	5.7	1	1		
B2 P/B	B2	Fairview	Deep Water	2007	31-Aug-07	12.5	1	3		Х
B2 P/B FD	B2	Fairview	Deep Water	2007	6-Aug-07		1	1		
B2 P/B LD	B2	Fairview	Deep Water	2007	6-Aug-07		4	8		
N10 P/B	N10	Gull Rock	Deep Water	2007	2-Jul-07	4.1	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2007	20-Aug-07	4.1	1	1	-	
N10 P/B N10 P/B	N10 N10	Gull Rock Gull Rock	Deep Water Deep Water	2007 2007	31-Aug-07 6-Aug-07	4.6 4.9	1	<u>3</u> 5	1	
N10 P/B	N10	Gull Rock	Deep Water Deep Water	2007	23-Jul-07	5.3	1	1		
N10 P/B FD	N10	Gull Rock	Deep Water	2007	20-Aug-07	5.4	<u> </u>			
N10 P/B FD	N10	Gull Rock	Deep Water	2007	2-Jul-07	0	1	8		
N10 P/B LD	N10	Gull Rock	Deep Water	2007	2-Jul-07		1	8		
E13 P/B	E13	Haystack Bay	Deep Water	2007	20-Aug-07	2.6	1	1		
E13 P/B	E13	Haystack Bay	Deep Water	2007	2-Jul-07	4.0	1	3		
E13 P/B	E13	Haystack Bay	Deep Water	2007	23-Jul-07	4.3	1	5		
E13 P/B	E13	Haystack Bay	Deep Water	2007	31-Aug-07	5.0	1	5		
E13 P/B	E13	Haystack Bay	Deep Water	2007	6-Aug-07	10.8	1	13		
E13 P/B FD E 6 P/B	E13 E6	Haystack Bay Hollow River Lagoon	Deep Water River	2007 2007	6-Aug-07 2-Jul-07	12.8 3.6	3	263		
E 6 P/B	E6	Hollow River Lagoon	River	2007	20-Aug-07	5.1	25	79		
E 6 P/B	E6	Hollow River Lagoon	River	2007	23-Jul-07	5.7	25	79		
E 6 P/B	E6	Hollow River Lagoon	River	2007	6-Aug-07	5.7	39	110		
E 6 P/B	E6	Hollow River Lagoon	River	2007	31-Aug-07	6.5	8	52		
E 6 P/B FD	E6	Hollow River Lagoon	River	2007	6-Aug-07		39	108		
E 6 P/B LD	E6	Hollow River Lagoon	River	2007	6-Aug-07		42	600		
E 6 P/B FD	E6	Hollow River Lagoon	River	2007	20-Aug-07		30	98		
E 6 P/B LD	E6	Hollow River Lagoon	River	2007	20-Aug-07		26	172		
E 6A P/B	E6a	Hollow River lagoon-	River	2007	20-Aug-07		3	25		
E 6A P/B E18 P/B	E6a	Hollow River lagoon-	River	2007	31-Aug-07 2-Jul-07	2.0	3	11		
E18 P/B	E18 E18	Hollow River mouth Hollow River mouth	River River	2007 2007	2-Jul-07 20-Aug-07	3.9 3.9	1 25	177 30		
E18 P/B	E18	Hollow River mouth	River	2007	6-Aug-07	5.7	30	79		
E18 P/B	E18	Hollow River mouth	River	2007	31-Aug-07	5.7	5	43		
E18 P/B	E18	Hollow River mouth	River	2007	23-Jul-07	6.6	28	72		
E20 P/B	E20	Little Trading Bay	Deep Water	2007	2-Jul-07	4.8	1	25		
E20 P/B	E20	Little Trading Bay	Deep Water	2007	31-Aug-07	7.0	1	5		
E20 P/B	E20	Little Trading Bay	Deep Water	2007	6-Aug-07	7.6	3	8		
E20 P/B	E20	Little Trading Bay	Deep Water	2007	23-Jul-07	7.9	8	65		
E20 P/B	E20	Little Trading Bay	Deep Water	2007	20-Aug-07 2-Jul-07	7.9 2.7	1	8	-	
S2 P/B S2 P/B	S2 S2	Menominee Bay Menominee Bay	Nearshore Nearshore	2007 2007	2-Jul-07 20-Aug-07	2.7	3	1 11		
S2 P/B S2 P/B	S2 S2	Menominee Bay	Nearshore Nearshore	2007	20-Aug-07 23-Jul-07	3.8	1	11	 	
S2 P/B	S2	Menominee Bay	Nearshore	2007	31-Aug-07	4.2	1	3		
S2 P/B	S2	Menominee Bay	Nearshore	2007	6-Aug-07	6.0	3	5	İ	
S2 P/B FD	S2	Menominee Bay	Nearshore	2007	23-Jul-07		1	1		
S2 P/B LD	S2	Menominee Bay	Nearshore	2007	23-Jul-07		4	60		
S2 P/B FD	S2	Menominee Bay	Nearshore	2007	20-Aug-07		5	108		
S2 P/B LD	S2	Menominee Bay	Nearshore	2007	20-Aug-07	0.7	8	116		
N13 P/B	N13	Moffat's	Nearshore	2007	20-Aug-07	2.7	1	1		
N13 P/B N13 P/B	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2007 2007	31-Aug-07 2-Jul-07	3.7 3.8	1	1	1	
N13 P/B	N13	Moffat's	Nearshore	2007	2-Jul-07 23-Jul-07	5.0	3	3		
N13 P/B	N13	Moffat's	Nearshore	2007	6-Aug-07	15.1	1	11		Х
N13 P/B FD	N13	Moffat's	Nearshore	2007	2-Jul-07		1	5		
N13 P/B LD	N13	Moffat's	Nearshore	2007	2-Jul-07		1	4		
E25 P/B	E25	Narrows East	Nearshore	2007	2-Jul-07	3.9	1	16		
E25 P/B	E25	Narrows East	Nearshore	2007	23-Jul-07	7.2	1	3		
E25 P/B	E25	Narrows East	Nearshore	2007	20-Aug-07	12.9	3	8		
E25 P/B	E25	Narrows East	Nearshore	2007	31-Aug-07	16.1	1	1		
E25 P/B	E25	Narrows East	Nearshore	2007	6-Aug-07	16.9	1	11	-	
E25 P/B FD	E25	Narrows East	Nearshore Nearshore	2007	23-Jul-07 23-Jul-07		1	3		
E25 P/B LD E25 P/B FD	E25 E25	Narrows East Narrows East	Nearshore Nearshore	2007 2007	23-Jul-07 31-Aug-07		1 1	1 5		
L201/D1D	LZJ	INGITOWS LAST	14601311016	2001	JI-Aug-UI	<u> </u>			1	

Cito Codo	Site	Cito Name	Cito Turns	V	Deta	Tetal	E. coli	Tetal	Dad	Outlier
Site Code E26 P/B FD	E26	Site Name Narrows West	Site Type Nearshore	Year 2007	Date 23-Jul-07	Total 4.1	E. COII	Total	Bad	Outlier
E26 P/B	E26	Narrows West	Nearshore	2007	31-Aug-07	4.4	1	8		
E26 P/B	E26	Narrows West	Nearshore	2007	2-Jul-07	4.5	1	65		
E26 P/B	E26	Narrows West	Nearshore	2007	20-Aug-07	5.7	1	1		
E26 P/B FD	E26	Narrows West	Nearshore	2007	6-Aug-07	6.4	1	1		
E26 P/B	E26	Narrows West	Nearshore	2007	6-Aug-07	7.0	13	25		
E26 P/B	E26	Narrows West	Nearshore	2007	23-Jul-07	8.2	1	1	bs	
E26 P/B FD	E26	Narrows West	Nearshore	2007	6-Aug-07		8	13		
N26 P/B	N26	Portage Bay RR	Nearshore	2007	6-Aug-07	5.2	1	13		
N26 P/B	N26	Portage Bay RR	Nearshore	2007	25-Jul-07	5.7		44	<u> </u>	
N26 P/B N26 P/B	N26 N26	Portage Bay RR Portage Bay RR	Nearshore Nearshore	2007 2007	20-Aug-07 31-Aug-07	7.0 8.1	3	11 19		-
N26 P/B	N26	Portage Bay RR	Nearshore	2007	2-Jul-07	0.1	3	19		
N27 P/B	N27	Portage Bay Wee Is.	Deep Water	2007	20-Aug-07	4.6	1	5	1	
N27 P/B	N27	Portage Bay Wee Is.	Deep Water	2007	6-Aug-07	5.2	1	3		
N27 P/B	N27	Portage Bay Wee Is.	Deep Water	2007	20-Aug-07	5.5	<u> </u>			
N27 P/B	N27	Portage Bay Wee Is.	Deep Water	2007	25-Jul-07	6.1				
N27 P/B	N27	Portage Bay Wee Is.	Deep Water	2007	31-Aug-07	6.7	1	5		
S3 P/B	S3	Price's Point	Deep Water	2007	2-Jul-07	5.2	1	1		
S3 P/B FD	S3	Price's Point	Deep Water	2007	2-Jul-07		1	4		
S3 P/B LD	S3	Price's Point	Deep Water	2007	2-Jul-07		1	1		
S3 P/B	S3	Price's Point	Deep Water	2007	23-Jul-07	4.0	1	1		
S3 P/B	S3	Price's Point	Deep Water	2007	6-Aug-07	3.6	1	3	ļ	
S3 P/B	S3	Price's Point	Deep Water	2007	20-Aug-07	4.2	1	1		
S3 P/B	S3	Price's Point	Deep Water	2007	31-Aug-07	5.3	1 1	3	1	1
E30 P/B	E30	Ten Mile Bay	Deep Water	2007	2-Jul-07	3.4	1	3	1	
E30 P/B E30 P/B	E30 E30	Ten Mile Bay Ten Mile Bay	Deep Water Deep Water	2007 2007	20-Aug-07 23-Jul-07	4.6 4.9	1	<u>3</u>	1	1
E30 P/B	E30	Ten Mile Bay	Deep Water Deep Water	2007	6-Aug-07	5.8	1	1	+	-
E30 P/B	E30	Ten Mile Bay	Deep Water	2007	31-Aug-07	6.2	1	1	1	
E30 P/B FD	E30	Ten Mile Bay	Deep Water	2007	23-Jul-07	V.2	1	3		
E30 P/B LD	E30	Ten Mile Bay	Deep Water	2007	23-Jul-07		1	4		
E1 P/B	E1	Trading Bay	Deep Water	2007	2-Jul-07	2.9	1	5		
E1 P/B	E1	Trading Bay	Deep Water	2007	23-Jul-07	6.1	1	16		
E1 P/B	E1	Trading Bay	Deep Water	2007	6-Aug-07	6.2	1	1		
E1 P/B FD	E1	Trading Bay	Deep Water	2007	6-Aug-07		1	8		
E1 P/B LD	E1	Trading Bay	Deep Water	2007	6-Aug-07		1	6		
E1 P/B	E1	Trading Bay	Deep Water	2007	20-Aug-07	3.8	1	1		
E1 P/B FD	E1	Trading Bay	Deep Water	2007	20-Aug-07	3.3				
E1 P/B	E1	Trading Bay	Deep Water	2007	31-Aug-07	4.6	1	1		
S1 P/B	S1	Adamson's Island	Nearshore	2008	18-Aug-08	3.0	1	13	<u> </u>	
S1 P/B S1 P/B	S1 S1	Adamson's Island Adamson's Island	Nearshore Nearshore	2008 2008	14-Jul-08 29-Aug-08	4.3 4.4	8	65 3		-
S1 P/B	S1	Adamson's Island	Nearshore	2008	30-Jun-08	4.6	1	1		
S1 P/B	S1	Adamson's Island	Nearshore	2008	4-Aug-08	6.2	1	3		
S1 P/B FD	S1	Adamson's Island	Nearshore	2008	29-Aug-08	0.2	1	1		
B4 P/B	B4	Bigwin Bay	Disturbed	2008	29-Aug-08	4.9	3	13		
B4 P/B	B4	Bigwin Bay	Disturbed	2008	18-Aug-08	5.2	1	1		
B4 P/B	B4	Bigwin Bay	Disturbed	2008	4-Aug-08	6.4	11	87		
B1 P/B	B1	Bigwin East	Deep Water	2008	30-Jun-08	4.4	1	1		
B1P FD	B1	Bigwin East	Deep Water	2008	29-Aug-08	5.0				
B1 P/B	B1	Bigwin East	Deep Water	2008	29-Aug-08	5.4	1	3		
B1 P/B	B1	Bigwin East	Deep Water	2008	18-Aug-08	6.0	1	1		
B1 P/B	B1	Bigwin East	Deep Water	2008	4-Aug-08	7.4	1	16		
B1 P/B	B1	Bigwin East	Deep Water	2008	14-Jul-08	9.0	5	8		
B1P FD	B1	Bigwin East	Deep Water	2008	14-Jul-08		3	8		
B1P LD	B1	Bigwin East	Deep Water Disturbed	2008	14-Jul-08	2.0	1 1	1	1	
B3 P/B B3 P/B	B3 B3	Bigwin North	Disturbed	2008 2008	30-Jun-08	3.9 5.6	5	28 19	+	
B3 P/B B3 P/B	B3	Bigwin North Bigwin North	Disturbed	2008	4-Aug-08 29-Aug-08	6.0	3	5	1	
B3 P/B	B3	Bigwin North	Disturbed	2008	18-Aug-08	7.1	1	1	†	
B3 P/B	B3	Bigwin North	Disturbed	2008	14-Jul-08	8.0	8	30	1	
N24 P/B LD	N24	Boothby's	Nearshore	2008	30-Jun-08	4.6	1			
N24 P/B	N24	Boothby's	Nearshore	2008	29-Aug-08	4.7	1	1		
N24 P/B LD	N24	Boothby's	Nearshore	2008	4-Aug-08	5.0				
N24 P/B	N24	Boothby's	Nearshore	2008	14-Jul-08	5.8	28	43		
N24 P/B	N24	Boothby's	Nearshore	2008	4-Aug-08	5.8	1	11		
N24 P/B	N24	Boothby's	Nearshore	2008	30-Jun-08	5.9	1	5		
N24 P/B	N24	Boothby's	Nearshore	2008	18-Aug-08	5.9	1	1		
N24 P/B FD	N24	Boothby's	Nearshore	2008	4-Aug-08		3	8	1	
N24 P/B LD	N24	Boothby's	Nearshore	2008	4-Aug-08		4	12	1	
N11 P/B	N11	Britannia	Disturbed	2008	18-Aug-08	4.1	3	8	1	1
N11 P/B	N11	Britannia Britannia	Disturbed	2008	30-Jun-08	4.2	11	19 13	1	-
N11 P/B N11 P/B	N11 N11	Britannia Britannia	Disturbed Disturbed	2008 2008	14-Jul-08 29-Aug-08	6.2	5 1	13 1	1	
N11 P/B N11 P/B	N11	Britannia Britannia	Disturbed	2008	4-Aug-08	8.4	3	3	+	-
N11 P/B FD	N11	Britannia	Disturbed	2008	30-Jun-08	U. 4	8.0	16.0	†	
N11 P/B FD	N11	Britannia	Disturbed	2008	4-Aug-08		3.0	11.0	†	
N1 P/B	N1	Dwight Bay	Deep Water	2008	18-Aug-08	6.0	1	1	1	1
N1 P/B	N1	Dwight Bay	Deep Water	2008	29-Aug-08	6.0	1	8	1	
N1 P/B	N1	Dwight Bay	Deep Water	2008	14-Jul-08	6.1	1	1		
N1 P/B	N1	Dwight Bay	Deep Water	2008	4-Aug-08	6.3	1	1		
N1 P/B	N1	Dwight Bay	Deep Water	2008	30-Jun-08		1	1		
N1 P/B FD	N1	Dwight Bay	Deep Water	2008	18-Aug-08		1	1		
N1 P/B LD	N1	Dwight Bay	Deep Water	2008	18-Aug-08		1	1		
B2 P/B	B2	Fairview	Deep Water	2008	30-Jun-08	3.7	1	1		
B2 P/B	B2	Fairview	Deep Water	2008	18-Aug-08	6.0	1	3		
B2 P/B	B2	Fairview	Deep Water	2008	29-Aug-08	6.3	1	11		
									_	

Site Code	Site	Site Name	Site Type	Year	Date	Total	E. coli	Total	Bad	Outlier
B2 P/B	B2	Fairview	Deep Water	2008	4-Aug-08	6.5	1	1	Bau	Outilei
B2 P/B	B2	Fairview	Deep Water	2008	14-Jul-08	6.8	3	5		
B2 P/B FD	B2	Fairview	Deep Water	2008	4-Aug-08	8.4				
B2 P/B FD	B2	Fairview	Deep Water	2008	30-Jun-08		1	1		
N10 P/B N10 P/B	N10 N10	Gull Rock Gull Rock	Deep Water Deep Water	2008 2008	18-Aug-08 30-Jun-08	4.1 4.3	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2008	4-Aug-08	5.7	1 1	1		
N10 P/B	N10	Gull Rock	Deep Water	2008	29-Aug-08	5.7	1	3		
N10 P/B	N10	Gull Rock	Deep Water	2008	14-Jul-08		3	13		
N10 P/B FD	N10	Gull Rock	Deep Water	2008	18-Aug-08		1	1		
N10 P/B LD	N10	Gull Rock	Deep Water	2008	18-Aug-08	4.0	1	1		
E13 P/B E13 P/B	E13 E13	Haystack Bay Haystack Bay	Deep Water Deep Water	2008 2008	14-Jul-08 30-Jun-08	4.8 5.1	3 1	11 1		
E13 P/B	E13	Haystack Bay	Deep Water	2008	4-Aug-08	5.6	1	3		
E13 P/B	E13	Haystack Bay	Deep Water	2008	18-Aug-08	5.6	3	3		
E13 P/B FD	E13	Haystack Bay	Deep Water	2008	14-Jul-08		1	16		
E13 P/B LD	E13	Haystack Bay	Deep Water	2008	14-Jul-08		1	8		
E13 P/B FD	E13	Haystack Bay	Deep Water	2008	4-Aug-08		3	5		
E13 P/B LD E13 P/B	E13	Haystack Bay Haystack Bay	Deep Water Deep Water	2008 2008	4-Aug-08 29-Aug-08		3	20 11		
E 6 P/B	E13	Hollow River Lagoon	River	2008	4-Aug-08	5.2	11	39		
E 6 P/B	E6	Hollow River Lagoon	River	2008	18-Aug-08	5.5	1	19		
E 6 P/B	E6	Hollow River Lagoon	River	2008	14-Jul-08	8.1	25	65		
E 6 P/B FD	E6	Hollow River Lagoon	River	2008	18-Aug-08		8	30		
E 6 P/B LD	E6	Hollow River Lagoon	River	2008	18-Aug-08		8	48		
E 6A P/B	E6a	Hollow River lagoon-	River	2008	18-Aug-08	5.3	5	25	!	
E 6A P/B E 6A P/B	E6a E6a	Hollow River lagoon- Hollow River lagoon-	River River	2008 2008	4-Aug-08 14-Jul-08	6.5 24.7	19 39	39 98	1	R
E18 P/B	E18	Hollow River mouth	River	2008	4-Aug-08	5.5	33	62	1	- '\
E18 P/B	E18	Hollow River mouth	River	2008	18-Aug-08	5.8	5	16		
E18 P/B	E18	Hollow River mouth	River	2008	14-Jul-08	10.1	50	90		R
E20 P/B	E20	Little Trading Bay	Deep Water	2008	18-Aug-08	6.5	1	3		
E20 P/B	E20	Little Trading Bay	Deep Water	2008	14-Jul-08	7.0	1	16		
E20 P/B E20 P/B	E20 E20	Little Trading Bay Little Trading Bay	Deep Water Deep Water	2008 2008	30-Jun-08 4-Aug-08	7.4 8.3	8	59 22		
E20 P/B	E20	Little Trading Bay	Deep Water	2008	29-Aug-08	9.4	3	62		
E20 P/B FD	E20	Little Trading Bay	Deep Water	2008	29-Aug-08	0.4	5	52		
S2 P/B	S2	Menominee Bay	Nearshore	2008	29-Aug-08	4.3	1	3		
S2 P/B LD	S2	Menominee Bay	Nearshore	2008	29-Aug-08	4.3				
S2 P/B	S2	Menominee Bay	Nearshore	2008	30-Jun-08	4.8	1	8		
S2 P/B	S2	Menominee Bay	Nearshore	2008	18-Aug-08	5.8	13	16		
S2 P/B S2 P/B LD	S2 S2	Menominee Bay Menominee Bay	Nearshore Nearshore	2008 2008	14-Jul-08 4-Aug-08	7.0 7.5	13	83		
S2 P/B	S2	Menominee Bay	Nearshore	2008	4-Aug-08	8.5	1	1		
S2 P/B FD	S2	Menominee Bay	Nearshore	2008	29-Aug-08		1	3		
N13 P/B	N13	Moffat's	Nearshore	2008	14-Jul-08	4.7	1	1		
N13 P/B	N13	Moffat's	Nearshore	2008	29-Aug-08	4.7	1	3		
N13 P/B	N13	Moffat's	Nearshore	2008	30-Jun-08	5.1	1 1	1		
N13 P/B N13 P/B	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2008 2008	4-Aug-08 18-Aug-08	6.3	1	3		
N13 P/B FD	N13	Moffat's	Nearshore	2008	29-Aug-08		1	3		
E25 P/B	E25	Narrows East	Nearshore	2008	18-Aug-08	4.3	1	16		
E25 P/B	E25	Narrows East	Nearshore	2008	14-Jul-08	4.9	3	19		
E25 P/B	E25	Narrows East	Nearshore	2008	4-Aug-08	6.3	1	3		
E25 P/B	E25	Narrows East	Nearshore	2008	29-Aug-08	7.2	5	16		
E25 P/B E25 P/B FD	E25 E25	Narrows East Narrows East	Nearshore Nearshore	2008 2008	30-Jun-08 14-Jul-08		1	5 19		
E25 P/B FD	E25	Narrows East	Nearshore	2008	14-Jul-08		3	8		
E25 P/B LD	E25	Narrows East	Nearshore	2008	4-Aug-08		1	19		
E25 P/B LD	E25	Narrows East	Nearshore	2008	4-Aug-08		1	16		
E26 P/B	E26	Narrows West	Nearshore	2008	14-Jul-08	2.4	5	8		
E26 P/B	E26	Narrows West	Nearshore	2008	18-Aug-08	4.6	1 10	1	<u> </u>	
E26 P/B E26 P/B	E26 E26	Narrows West Narrows West	Nearshore	2008 2008	4-Aug-08 29-Aug-08	5.5 5.5	13	69 11	 	-
E26 P/B FD	E26	Narrows West	Nearshore Nearshore	2008	29-Aug-08 18-Aug-08	5.5	1	11	 	
E26 P/B	E26	Narrows West	Nearshore	2008	30-Jun-08	5.5	3	8	1	
E26 P/B LD	E26	Narrows West	Nearshore	2008	18-Aug-08		1	24		
N30 P/B	N30	Oxtongue Delta	River	2008	18-Aug-08	5.0	1	1		
N30 P/B	N30	Oxtongue Delta	River	2008	4-Aug-08	5.9	3	8		
N30 P/B	N30	Oxtongue Delta	River	2008	29-Aug-08	9.7	5	11	!	
N 2P/B N 2P/B	N2 N2	Oxtongue mouth Oxtongue mouth	River River	2008 2008	29-Aug-08 18-Aug-08	6.6 6.9	25 16	46 33	1	
N 2P/B N 2P/B	N2	Oxtongue mouth	River	2008	4-Aug-08	8.3	30	52	1	1
S3 P/B LD	S3	Price's Point	Deep Water	2008	30-Jun-08	3.9	30	J_		
S3 P/B	S3	Price's Point	Deep Water	2008	30-Jun-08	3.6	1	1		
S3 P/B	S3	Price's Point	Deep Water	2008	14-Jul-08	3.6	3	16		
S3 P/B FD	S3	Price's Point	Deep Water	2008	14-Jul-08		1 1	11	<u> </u>	
S3 P/B LD	S3	Price's Point	Deep Water	2008	14-Jul-08	E 1	1	4	1	
S3 P/B S3 P/B FD	S3 S3	Price's Point Price's Point	Deep Water Deep Water	2008 2008	4-Aug-08 4-Aug-08	5.1	1	3	-	
S3 P/B LD	S3	Price's Point	Deep Water	2008	4-Aug-08 4-Aug-08		1	1	1	
S3 P/B	S3	Price's Point	Deep Water	2008	18-Aug-08	5.0	1	1		
S3 P/B LD	S3	Price's Point	Deep Water	2008	18-Aug-08	4.9				
S3 P/B	S3	Price's Point	Deep Water	2008	29-Aug-08	6.0	1	1		
E30 P/B	E30	Ten Mile Bay	Deep Water	2008	14-Jul-08	4.7	5	11		
E30 P/B	E30	Ten Mile Bay	Deep Water	2008	30-Jun-08	5.1	8	28	<u> </u>	
E30 P/B	E30	Ten Mile Bay	Deep Water	2008	4-Aug-08	5.3	1	5	 	-
E30 P/B	E30	Ten Mile Bay	Deep Water	2008	29-Aug-08	6.0	1	3	1	l

BOAD PRINT BOAD PRINT DEPRETATION DEPTETATION DE	Cita Cada	C:4-a	Cita Nama	Cita Tuma	Veer	Dete	Total	L coli	Total	Ded	Outlier
ESD PR EP ESD Ten Mile Buy Deep Water 2008 14-bit-08 0.9 3 11 19 15 15 15 15 15 15	Site Code F30 P/B	Site F30	Site Name Ten Mile Bay	Site Type Deep Water	Year 2008	18-Aug-08	Total 6.6	E. coli	Total 11	Bad	Outlier
ESD PPE ID C300 Ten Mile Bay Deep Water 2008 1-b-b-06 1 1 6 1 6 1 6 6 6								3		bs	
EDIT PRIL EDIT Tendes Bay Deep Youter 2008 16-Aug-08 1 16 16 16 16 16 16 16				Deep Water							
ET PIE ET Treating Bay Desp Water 2008 20-Juncide 4.0 1 3 3 5 5 5 5 5 5 5 5											
ET POR											
ET PRIF E1 Trading Bay Desp Water 2008 1-1-0-100 4.8 5 16 17 17 16 17 17 17 17											
ET PIRE							5.0				
ELPRIF Color							4.8				
ET PIR FT											
ET PIR								1	8		
ET PIR									_		
ST PBE											
SET PRE											-
SEP PR											
SEPRIF Part SEPRIF SEPRIF Adamson's Island Nearshore 2008 3-Juli 98 3.4 3 13 3 3 3 3 3 3 3											
SET PRE SET Adamson's Island Nearshore 2009 17-Jul 09 4.4 3 13 8 19 19 19 19 19 19 19		S1				3-Jul-09	3.4	1	8		
SEPPIRED SET Adamson's Island Nearshore 2009 4-Sep-09 2 3 8 Bell Pills Bell Signin's Bay Disturbed 2009 17-Alap-09 3 8 11 11 12 13 14 15 15 15 15 15 15 15											
B4 PIR							4.4				
B4 P/B							2.4				
B4 P/B											
B4 PfB											
B4 PfB											
BIP											
BIP P		B1	Bigwin East		2009	1-Aug-09	2.9	1	16		
BIF PD											
B1P								1	3	1	
BIP								-	_	1	
BIT PD										-	
BIT PD							5.0				-
B3 P/B B3 Bigwin North Disturbed 2009 1-Aug-09 2.9 5 19											
B3 PB B3 Blgwin North Disturbed 2009 4-Sep-09 5.1 3 5							2.9				
B3 P/B B3 Bigwin North Disturbed 2009 17-Aug-09 5.4 3 11	B3 P/B	В3		Disturbed	2009		4.5		28		
B3 PB			Bigwin North		2009		5.1				
N24 P/B											
N24 P/B											
N24 P/B N24 Boothbys Nearshore 2009 17-Au ₂ -09 4.0 5 8 N24 P/B N24 Boothbys Nearshore 2009 17-Jul-09 6.2 3 1.3 N24 P/B FD N24 Boothbys Nearshore 2009 17-Jul-09 5 5 11 N11 P/B N11 Britannia Disturbed 2009 17-Jul-09 2.0 3.0 5.0 N11 P/B N11 Britannia Disturbed 2009 1-Au ₂ -09 2.0 3.0 5.0 N11 P/B N11 Britannia Disturbed 2009 1-Au ₂ -09 3.5 8.0 19.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B FD N11 Britannia Disturbed 2009 17-Au ₂ -09 3.3 1.0 13.0 N11 P/B FD N11 Britannia Disturbed 2009 17-Au ₂ -09 3.2 8 11 N1 P/B FD N11 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.2 8 11 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 5.2 3 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 4-Sep-09 6.9 1 3 N1 P/B N1											
N24 P/B											
N24 P/B FD N24 Boothby's Nearshore 2009 17-Jul-09 6.2 3 13 N24 P/B FD N24 Boothby's Nearshore 2009 17-Jul-09 5 5 11 N11 P/B N11 Britannia Disturbed 2009 1-Au ₂ -09 2.0 3.0 5.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 8.0 19.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 3.5 3.0 8.0 N11 P/B N11 Britannia Disturbed 2009 17-Au ₂ -09 5.3 1.0 13.0 N11 P/B FD N11 Britannia Disturbed 2009 17-Au ₂ -09 5.3 1.0 13.0 N11 P/B FD N11 Britannia Disturbed 2009 1-Au ₂ -09 3.2 8 11 N1 P/B FD N1 Dwight Bay Deep Water 2009 1-Au ₂ -09 3.2 8 11 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.6 1 11 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 3.7 N1 P/B FD N1 Dwight Bay Deep Water 2009 17-Au ₂ -09 5.2 3 8 N1 P/B N1 Dwight Bay Deep Water 2009 17-Jul-09 5.2 3 8 N1 P/B N1 Dwight Bay Deep Water 2009 17-Jul-09 5.2 3 8 N1 P/B N1 Dwight Bay Deep Water 2009 4-Sep-09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 4-Sep-09 6.9 1 3 N1 P/B N1 Dwight Bay Deep Water 2009 4-Sep-09 3.5 1 1 E2 P/B B2 Fainview Deep Water 2009 4-Sep-09 3.5 1 1 E2 P/B B2 Fainview Deep Water 2009 3-Jul-09 5 11 E2 P/B B2 Fainview Deep Water 2009 3-Jul-09 4.9 3 3 E2 P/B B2 Fainview Deep Water 2009 3-Jul-09 4.9 3 3 E2 P/B B2 Fainview Deep Water 2009 3-Jul-09 4.9 3 3 E2 P/B B2 Fainview Deep Water 2009 3-Jul-09 4.9 3 3 E13 P/B E13 Haystack Bay Dee											
N11 P/B											
NIT P B											
N11 P/B											
N11 P/B											
N11 P/B FD N11											
N1 P/B FD											
N1 P/B FD							5.3				
N1 P/B FD							3.2				
N1 P/B											
N1 P/B FD	N1 P/B FD				2009						
N1 P/B								3			
N1 P/B											
N1 P/B											
B2 P/B B2							6.9			1	
B2 P/B							3.5			 	
B2 P/B										1	
B2 P/B	B2 P/B	B2				3-Jul-09		3	3		
B2 P/B FD B2											
N10 P/B							12.3				Х
N10 P/B FD							2.5			1	-
N10 P/B								3	5	1	
N10 P/B								1	8	 	
N10 P/B											
N10 P/B											
E13 P/B E13 Haystack Bay Deep Water 2009 1-Aug-09 4.0 3 8 E13 P/B E13 Haystack Bay Deep Water 2009 17-Aug-09 6.3 3 3 E13 P/B E13 Haystack Bay Deep Water 2009 3-Jul-09 6.8 1 8 E13 P/B E13 Haystack Bay Deep Water 2009 4-Sep-09 8.4 5 11 E13 P/B E13 Haystack Bay Deep Water 2009 17-Jul-09 57.7 3 11 E13 P/B E13 Haystack Bay Deep Water 2009 17-Jul-09 57.7 3 11 E13 P/B E6 Hollow River Lagoon River 2009 3-Jul-09 1 5 5 E 6 P/B E6 Hollow River Lagoon River 2009 17-Jul-09 16 39 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43							5.7				
E13 P/B E13 Haystack Bay Deep Water 2009 17-Aug-09 6.3 3 3 E13 P/B E13 Haystack Bay Deep Water 2009 3-Jul-09 6.8 1 8 E13 P/B E13 Haystack Bay Deep Water 2009 4-Sep-09 8.4 5 11 E13 P/B E13 Haystack Bay Deep Water 2009 17-Jul-09 57.7 3 11 E13 P/B FD E13 Haystack Bay Deep Water 2009 3-Jul-09 57.7 3 11 E6 P/B E6 Hollow River Lagoon River 2009 3-Jul-09 8 11 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 16 39 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River Tagoon River 2009 17-Aug-09 8 43 E 18 P/B											
E13 P/B E13 Haystack Bay Deep Water 2009 3-Jul-09 6.8 1 8 E13 P/B E13 Haystack Bay Deep Water 2009 4-Sep-09 8.4 5 11 E13 P/B E13 Haystack Bay Deep Water 2009 17-Jul-09 57.7 3 11 E13 P/B FD E13 Haystack Bay Deep Water 2009 3-Jul-09 57.7 3 11 E 6 P/B E6 Hollow River Lagoon River 2009 3-Jul-09 8 11 E 6 P/B E6 Hollow River Lagoon River 2009 17-Jul-09 16 39 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 11 28 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River mouth River 2009 4-Sep-09 3 16 E 18 P/B E18										 	
E13 P/B E13 Haystack Bay Deep Water 2009 4-Sep-09 8.4 5 11 E13 P/B E13 Haystack Bay Deep Water 2009 17-Jul-09 57.7 3 11 E13 P/B FD E13 Haystack Bay Deep Water 2009 3-Jul-09 1 5 E 6 P/B E6 Hollow River Lagoon River 2009 3-Jul-09 8 11 E 6 P/B E6 Hollow River Lagoon River 2009 17-Jul-09 16 39 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 11 28 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River mouth River 2009 4-Sep-09 3 16 E 18 P/B E18 Hollow River mouth										 	
E13 P/B E13 Haystack Bay Deep Water 2009 17-Jul-09 57.7 3 11 E13 P/B FD E13 Haystack Bay Deep Water 2009 3-Jul-09 1 5 E 6 P/B E6 Hollow River Lagoon River 2009 3-Jul-09 8 11 E 6 P/B E6 Hollow River Lagoon River 2009 17-Jul-09 16 39 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 11 28 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River Lagoon River 2009 4-Sep-09 3 16 E 18 P/B E18 Hollow River mouth River 2009 3-Jul-09 5 39 E 18 P/B E18 Hollow River mouth River 2009 17-Jul-09 11 90 E 18 P/B E18 Hollow River mouth River <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td> </td>										 	
E13 P/B FD E13 Haystack Bay Deep Water 2009 3-Jul-09 1 5 E 6 P/B E6 Hollow River Lagoon River 2009 3-Jul-09 8 11 E 6 P/B E6 Hollow River Lagoon River 2009 17-Jul-09 16 39 E 6 P/B E6 Hollow River Lagoon River 2009 1-Aug-09 11 28 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 18 P/B E18 Hollow River mouth River 2009 3-Jul-09 3 16 E 18 P/B E18 Hollow River mouth River 2009 3-Jul-09 5 39 E 18 P/B E18 Hollow River mouth River 2009 17-Jul-09 11 90 E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 8 62 E 18 P/B E18 Hollow River mouth River 2009 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Х</td>											Х
E 6 P/B E6 Hollow River Lagoon River 2009 3-Jul-09 8 11 E 6 P/B E6 Hollow River Lagoon River 2009 17-Jul-09 16 39 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 11 28 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River Lagoon River 2009 4-Sep-09 3 16 E 18 P/B E18 Hollow River mouth River 2009 3-Jul-09 5 39 E 18 P/B E18 Hollow River mouth River 2009 17-Jul-09 11 90 E 18 P/B E18 Hollow River mouth River 2009 1-Aug-09 8 62 E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 16 19							2.11			1	
E 6 P/B E6 Hollow River Lagoon River 2009 1-Aug-09 11 28 E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River Lagoon River 2009 4-Sep-09 3 16 E 18 P/B E18 Hollow River mouth River 2009 3-Jul-09 5 39 E 18 P/B E18 Hollow River mouth River 2009 17-Jul-09 11 90 E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 8 62 E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 16 19						3-Jul-09					
E 6 P/B E6 Hollow River Lagoon River 2009 17-Aug-09 8 43 E 6 P/B E6 Hollow River Lagoon River 2009 4-Sep-09 3 16 E 18 P/B E18 Hollow River mouth River 2009 3-Jul-09 5 39 E 18 P/B E18 Hollow River mouth River 2009 17-Jul-09 11 90 E 18 P/B E18 Hollow River mouth River 2009 1-Aug-09 8 62 E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 16 19											
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E 18 P/B E18 Hollow River mouth River 2009 17-Jul-09 11 90 E 18 P/B E18 Hollow River mouth River 2009 1-Aug-09 8 62 E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 16 19										1	-
E 18 P/B E18 Hollow River mouth River 2009 1-Aug-09 8 62 E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 16 19										1	
E 18 P/B E18 Hollow River mouth River 2009 17-Aug-09 16 19										 	
E 18 P/B E 18 HOIIOW RIVER MOUTH RIVER 2009 4-Sep-09 3 28	E 18 P/B	E18	Hollow River mouth	River	2009	4-Sep-09		3	28		

Site Code	Site	Site Name	Site Type	Year	Date	Total	E. coli	Total	Bad	Outlier
S2 P/B	S2	Menominee Bay	Nearshore	2009	1-Aug-09	1.9	3	5	Dau	Outilei
S2 P/B	S2	Menominee Bay	Nearshore	2009	4-Sep-09	2.1	1	11		
S2 P/B	S2	Menominee Bay	Nearshore	2009	17-Aug-09	2.9	1	16		
S2 P/B	S2	Menominee Bay	Nearshore	2009	3-Jul-09	3.9	5	8		
S2 P/B S2 P/B FD	S2 S2	Menominee Bay Menominee Bay	Nearshore Nearshore	2009 2009	17-Jul-09 3-Jul-09	4.9	8	19 8		
N13 P/B	N13	Moffat's	Nearshore	2009	4-Sep-09	2.6	1	3		
N13 P/B	N13	Moffat's	Nearshore	2009	3-Jul-09	4.4	5	8		
N13 P/B	N13	Moffat's	Nearshore	2009	17-Aug-09	4.5	1	3		
N13 P/B	N13	Moffat's	Nearshore	2009	1-Aug-09	5.5	1	19		
N13 P/B	N13	Moffat's	Nearshore	2009	17-Jul-09	6.9	3	5		
N13 P/B FD E 26 P/B	N13 E26	Moffat's Narrows West	Nearshore Nearshore	2009 2009	17-Aug-09 3-Jul-09		3	3 16		
E 26 P/B	E26	Narrows West	Nearshore	2009	17-Jul-09		5	8		-
E 26 P/B FD	E26	Narrows West	Nearshore	2009	17-Jul-09		8	8		
E 26 P/B	E26	Narrows West	Nearshore	2009	1-Aug-09		3	11		
E 26 P/B	E26	Narrows West	Nearshore	2009	17-Aug-09		8	11		
E 26 P/B	E26	Narrows West	Nearshore	2009	4-Sep-09		3	11		
N30 P/B	N30	Oxtongue Delta	River	2009	4-Sep-09	2.9	5	11		
N30 P/B N30 P/B	N30 N30	Oxtongue Delta Oxtongue Delta	River River	2009 2009	1-Aug-09 17-Aug-09	4.1 4.8	3	8 5		
N30 P/B	N30	Oxtongue Delta	River	2009	3-Jul-09	5.7	3	11		-
N30 P/B	N30	Oxtongue Delta	River	2009	17-Jul-09	6.3	5	11		
N 2P/B	N2	Oxtongue mouth	River	2009	4-Sep-09	6.4	25	46		
N 2P/B	N2	Oxtongue mouth	River	2009	1-Aug-09	6.8	8	30		
N 2P/B	N2	Oxtongue mouth	River	2009	17-Aug-09	6.9	11	33		
N 2P/B N 2P/B	N2 N2	Oxtongue mouth	River	2009	17-Jul-09 3-Jul-09	8.5 9.4	11	13 22	1	-
N 2P/B S3 P/B	S3	Oxtongue mouth Price's Point	River Deep Water	2009 2009	3-Jul-09 3-Jul-09	9.4	5 3	5	1	
S3 P/B FD	S3	Price's Point	Deep Water	2009	3-Jul-09	9.2	J	3		
S3 P/B	S3	Price's Point	Deep Water	2009	17-Jul-09	7.4	1	16		
S3 P/B FD	S3	Price's Point	Deep Water	2009	17-Jul-09		3	19		
S3 P/B	S3	Price's Point	Deep Water	2009	1-Aug-09	2.3	1	3		
S3 P/B	S3	Price's Point	Deep Water	2009	17-Aug-09	6.7	3	3		
S3 P/B FD S3 P/B	S3 S3	Price's Point Price's Point	Deep Water Deep Water	2009 2009	4-Sep-09 4-Sep-09	2.7 2.6	1	1		
E30 P/B	E30	Ten Mile Bay	Deep Water	2009	1-Aug-09	3.7	3	5		-
E30 P/B	E30	Ten Mile Bay	Deep Water	2009	4-Sep-09	4.0	3	3		
E30 P/B	E30	Ten Mile Bay	Deep Water	2009	3-Jul-09	4.6	1	28		
E30 P/B	E30	Ten Mile Bay	Deep Water	2009	17-Aug-09	5.1	3	11		
E30 P/B	E30	Ten Mile Bay	Deep Water	2009	17-Jul-09	6.6	1	11		
E30 P/B FD	E30	Ten Mile Bay	Deep Water	2009	17-Aug-09	F 4	1	8		
E1 P/B E1 P/B	E1 E1	Trading Bay Trading Bay	Deep Water Deep Water	2009 2009	3-Jul-09 17-Jul-09	5.4 5.4	5 3	11 3		
E1 P/B	E1	Trading Bay	Deep Water	2009	1-Aug-09	3.0	3	3		
E1 P/B	E1	Trading Bay	Deep Water	2009	17-Aug-09	5.3	1	5		
E1 P/B FD	E1	Trading Bay	Deep Water	2009	17-Aug-09	5.1				
E1 P/B	E1	Trading Bay	Deep Water	2009	4-Sep-09	5.6	3	5		
E1 P/B FD	E1	Trading Bay	Deep Water	2009	4-Sep-09		3	3		
S1 P/B	S1	Adamson's Island	Nearshore	2010	2-Aug-10	2.5				
S1 P/B S1 P/B	S1 S1	Adamson's Island Adamson's Island	Nearshore Nearshore	2010 2010	16-Aug-10 5-Jul-10	2.7				
S1 P/B	S1	Adamson's Island	Nearshore	2010	7-Sep-10	2.9				
S1 P/B FD	S1	Adamson's Island	Nearshore	2010	7-Sep-10	3.0				
S1 P/B	S1	Adamson's Island	Nearshore	2010	19-Jul-10	3.1				
B4 P/B	B4	Bigwin Bay	Disturbed	2010	7-Sep-10	2.7				
B4 P/B	B4	Bigwin Bay	Disturbed	2010	5-Jul-10	3.0				
B4 P/B B4 P/B	B4 B4	Bigwin Bay Bigwin Bay	Disturbed Disturbed	2010 2010	16-Aug-10 2-Aug-10	3.0 3.2				
B4 P/B	B4	Bigwin Bay	Disturbed	2010	19-Jul-10	6.0				-
B1P	B1	Bigwin East	Deep Water	2010	2-Aug-10	4.6				
B1P FD	B1	Bigwin East	Deep Water	2010	5-Jul-10	4.8				
B1P	B1	Bigwin East	Deep Water	2010	19-Jul-10	4.8				
B1P FD	B1	Bigwin East	Deep Water	2010	19-Jul-10	4.8				
B1P	B1	Bigwin East	Deep Water	2010	5-Jul-10	5.6				
B1P B1P	B1 B1	Bigwin East Bigwin East	Deep Water Deep Water	2010 2010	7-Sep-10 16-Aug-10	6.4 7.6			1	
B3 P/B	B3	Bigwin North	Disturbed	2010	19-Jul-10	3.3				
B3 P/B	B3	Bigwin North	Disturbed	2010	5-Jul-10	3.6				
B3 P/B	B3	Bigwin North	Disturbed	2010	7-Sep-10	3.8				
B3 P/B	B3	Bigwin North	Disturbed	2010	2-Aug-10	5.1			1	igsquare
B3 P/B	B3	Bigwin North	Disturbed	2010	16-Aug-10	6.6	<u> </u>			
N24 P/B N24 P/B	N24 N24	Boothby's Boothby's	Nearshore Nearshore	2010 2010	19-Jul-10 7-Sep-10	2.9 2.9	 		 	\vdash
N24 P/B FD	N24 N24	Boothby's	Nearshore Nearshore	2010	7-Sep-10 7-Sep-10	2.9			1	
N24 P/B	N24	Boothby's	Nearshore	2010	5-Jul-10	3.3				
N24 P/B	N24	Boothby's	Nearshore	2010	2-Aug-10	6.4				
N24 P/B	N24	Boothby's	Nearshore	2010	16-Aug-10	7.4				
N11 P/B	N11	Britannia	Disturbed	2010	2-Aug-10	2.7				
N11 P/B	N11	Britannia	Disturbed	2010	5-Jul-10	2.9	<u> </u>			
N11 P/B	N11	Britannia Britannia	Disturbed	2010	19-Jul-10	3.8			1	
N11 P/B N11 P/B	N11 N11	Britannia Britannia	Disturbed Disturbed	2010 2010	16-Aug-10 7-Sep-10	4.6 4.9			1	
N1 P/B	N1	Dwight Bay	Disturbed Deep Water	2010	16-Aug-10	3.4	†			
N1 P/B	N1	Dwight Bay	Deep Water	2010	2-Aug-10	3.6				
N1 P/B FD	N1	Dwight Bay	Deep Water	2010	5-Jul-10	5.0				
N1 P/B	N1	Dwight Bay	Deep Water	2010	5-Jul-10	6.5				
N1 P/B	N1	Dwight Bay	Deep Water	2010	7-Sep-10	6.6	1	l	1	

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Site Code N1 P/B	Site N1	Site Name Dwight Bay	Site Type Deep Water	Year	Date 19-Jul-10	Total 11.7	E. coli	Total	Bad	Outlier
B2 P/B F/D	B2	Fairview	Deep Water Deep Water	2010 2010	16-Aug-10	3.9				
B2 P/B	B2	Fairview	Deep Water	2010	16-Aug-10	4.2	+			
B2 P/B	B2	Fairview	Deep Water	2010	5-Jul-10	4.7				
B2 P/B	B2	Fairview	Deep Water	2010	19-Jul-10	5.4				
B2 P/B	B2	Fairview	Deep Water	2010	2-Aug-10	5.5				
B2 P/B	B2	Fairview	Deep Water	2010	7-Sep-10	6.4				
N10 P/B	N10	Gull Rock	Deep Water	2010	5-Jul-10	3.9				
N10 P/B	N10	Gull Rock	Deep Water	2010	19-Jul-10	4.4				
N10 P/B	N10	Gull Rock	Deep Water	2010	7-Sep-10	5.0				
N10 P/B	N10	Gull Rock	Deep Water	2010	2-Aug-10	8.6				
N10 P/B	N10	Gull Rock	Deep Water	2010	16-Aug-10					
E13 P/B	E13	Haystack Bay	Deep Water	2010	2-Aug-10	5.0				
E13 P/B E13 P/B	E13 E13	Haystack Bay Haystack Bay	Deep Water Deep Water	2010 2010	16-Aug-10 19-Jul-10	5.4 6.1				
E13 P/B	E13	Haystack Bay	Deep Water	2010	5-Jul-10	6.2				
E13 P/B	E13	Haystack Bay	Deep Water	2010	7-Sep-10	6.8	+			
E 18 P/B	E18	Hollow River mouth	River	2010	7-Sep-10	3.4				
E 18 P/B	E18	Hollow River mouth	River	2010	5-Jul-10	4.0				
E 18 P/B	E18	Hollow River mouth	River	2010	19-Jul-10	4.0				
E 18 P/B F/D	E18	Hollow River mouth	River	2010	2-Aug-10	5.2				
E 18 P/B	E18	Hollow River mouth	River	2010	16-Aug-10	5.4				
E 18 P/B	E18	Hollow River mouth	River	2010	2-Aug-10	5.7				
S2 P/B	S2	Menominee Bay	Nearshore	2010	16-Aug-10	1.9				
S2 P/B	S2	Menominee Bay	Nearshore	2010	19-Jul-10	2.0				
S2 P/B FD	S2	Menominee Bay	Nearshore	2010	16-Aug-10	2.1	1		1	
S2 P/B	S2	Menominee Bay	Nearshore	2010	2-Aug-10	3.4	 			
S2 P/B	S2	Menominee Bay	Nearshore	2010	7-Sep-10	3.4	-		<u> </u>	
S2 P/B	S2	Menominee Bay	Nearshore Nearshore	2010	5-Jul-10 19-Jul-10	3.5	+		1	
N13 P/B N13 P/B	N13 N13	Moffat's	Nearshore Nearshore	2010 2010		2.3	+		 	
N13 P/B F/D	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2010	2-Aug-10 7-Sep-10	3.3 3.3	1		 	
N13 P/B	N13	Moffat's	Nearshore	2010	5-Jul-10	4.2	+			
N13 P/B	N13	Moffat's	Nearshore	2010	16-Aug-10	4.7	1		1	
N13 P/B	N13	Moffat's	Nearshore	2010	7-Sep-10	5.1			bs	
E 26 P/B	E26	Narrows West	Nearshore	2010	16-Aug-10	3.2				
E 26 P/B	E26	Narrows West	Nearshore	2010	7-Sep-10	3.4				
E 26 P/B	E26	Narrows West	Nearshore	2010	5-Jul-10	4.2				
E 26 P/B	E26	Narrows West	Nearshore	2010	19-Jul-10	4.9				
E 26 P/B	E26	Narrows West	Nearshore	2010	2-Aug-10	5.8				
N30 P/B	N30	Oxtongue Delta	River	2010	16-Aug-10	3.1				
N30 P/B	N30	Oxtongue Delta	River	2010	7-Sep-10	3.5				
N30 P/B	N30	Oxtongue Delta	River	2010	19-Jul-10	4.0				
N30 P/B N30 P/B	N30	Oxtongue Delta	River River	2010 2010	5-Jul-10	4.5 4.7				
N 2P/B	N30 N2	Oxtongue Delta Oxtongue mouth	River	2010	2-Aug-10 2-Aug-10	6.8	-			
N 2P/B	N2	Oxtongue mouth	River	2010	7-Sep-10	8.0				
N 2P/B	N2	Oxtongue mouth	River	2010	5-Jul-10	8.1	+			
N 2P/B	N2	Oxtongue mouth	River	2010	16-Aug-10	10.4				
N 2P/B	N2	Oxtongue mouth	River	2010	19-Jul-10	13.8				R
S3 P/B	S3	Price's Point	Deep Water	2010	5-Jul-10	4.2				
S3 P/B	S3	Price's Point	Deep Water	2010	19-Jul-10	4.1				
S3 P/B	S3	Price's Point	Deep Water	2010	2-Aug-10	12.7				х
S3 P/B	S3	Price's Point	Deep Water	2010	16-Aug-10	7.3				
S3 P/B	S3	Price's Point	Deep Water	2010	7-Sep-10	5.1				
E30 P/B FD	E30	Ten Mile Bay	Deep Water	2010	16-Aug-10	3.9				
E30 P/B	E30	Ten Mile Bay	Deep Water	2010	16-Aug-10	4.4				
E30 P/B	E30	Ten Mile Bay	Deep Water	2010	5-Jul-10	5.2	+		1	
E30 P/B	E30	Ten Mile Bay	Deep Water	2010	2-Aug-10	5.2	+		 	
E30 P/B E30 P/B	E30 E30	Ten Mile Bay Ten Mile Bay	Deep Water Deep Water	2010 2010	19-Jul-10 7-Sep-10	5.3 6.1	+		 	
E30 P/B F/D	E30	Ten Mile Bay	Deep Water Deep Water	2010	7-Sep-10 7-Sep-10	12.9	+		bs	
E1 P/B FD	E1	Trading Bay	Deep Water	2010	5-Jul-10	3.8	1		55	
E1 P/B	E1	Trading Bay	Deep Water	2010	5-Jul-10	3.4	1			
E1 P/B	E1	Trading Bay	Deep Water	2010	19-Jul-10	6.6				
E1 P/B	E1	Trading Bay	Deep Water	2010	2-Aug-10	4.3				
E1 P/B	E1	Trading Bay	Deep Water	2010	16-Aug-10	4.6				
E1 P/B	E1	Trading Bay	Deep Water	2010	7-Sep-10	6.8				
S1 P/B FD b & p	S1	Adamson's Island	Nearshore	2011	15-Aug-11	2.9	3	3		
S1 P/B	S1	Adamson's Island	Nearshore	2011	15-Aug-11	3.5	3	5	1	
S1 P/B	S1	Adamson's Island	Nearshore	2011	2-Sep-11	3.6	1	1 -	ļ	
S1 P/B	S1	Adamson's Island	Nearshore	2011	4-Jul-11	4.9	3	5	1	
S1 P/B S1 P/B	S1 S1	Adamson's Island Adamson's Island	Nearshore Nearshore	2011	1-Aug-11 18-Jul-11	4.9 15.1	3	<u>3</u> 8	 	,,
B4 P/B	B4	Bigwin Bay	Disturbed	2011	18-Jul-11 18-Jul-11	3.7	8	19	 	Х
B4 P/B	B4	Bigwin Bay	Disturbed	2011	4-Jul-11	3.9	5	16	 	
B4 P/B	B4	Bigwin Bay	Disturbed	2011	2-Sep-11	3.9	13	62	1	
B4 P/B	B4	Bigwin Bay	Disturbed	2011	1-Aug-11	5.0	5	13		
B4 P/B	B4	Bigwin Bay	Disturbed	2011	15-Aug-11	6.2	13	43		
B4 P/B COAL lab	B4	Bigwin Bay	Disturbed	2011	15-Aug-11		20	55		
B4 P/B COAL lab	B4	Bigwin Bay	Disturbed	2011	2-Sep-11		16	80+		
B1P	B1	Bigwin East	Deep Water	2011	18-Jul-11	3.1	1	3		
B1P	B1	Bigwin East	Deep Water	2011	2-Sep-11	4.7	1	3		
B1P	B1	Bigwin East	Deep Water	2011	14-Aug-11	4.8	1	5		
B1P	B1	Bigwin East	Deep Water	2011	4-Jul-11	5.1	1	5	1	
B1P FD phos	B1	Bigwin East	Deep Water	2011	4-Jul-11	5.3	+		ļ	
B1P	B1	Bigwin East Bigwin East	Deep Water Deep Water	2011 2011	1-Aug-11 18-Jul-11	6.7	0	3	<u> </u>	
B1P COAL lab	B1									

Site Code	Site	Site Name	Site Type	Year	Date	Total	E. coli	Total	Bad	Outlier
B1P FD bacti	B1	Bigwin East	Deep Water	2011	18-Jul-11	1000	1	5	200	- Cutillor
B1P COAL lab	B1	Bigwin East	Deep Water	2011	2-Sep-11		0	6		
B3 P/B	B3	Bigwin North	Disturbed	2011	18-Jul-11	2.6	5	11		
B3 P/B FD b & p	B3	Bigwin North	Disturbed Disturbed	2011	2-Sep-11	3.7	1	5		
B3 P/B B3 P/B	B3 B3	Bigwin North Bigwin North	Disturbed	2011 2011	1-Aug-11 14-Aug-11	5.2 5.4	8	3 11		
B3 P/B	B3	Bigwin North	Disturbed	2011	2-Sep-11	5.9	1	3	bs	
B3 P/B	B3	Bigwin North	Disturbed	2011	4-Jul-11	6.2	1	3	- 50	
N24 P/B	N24	Boothby's	Nearshore	2011	18-Jul-11	2.8	3	5		
N24 P/B	N24	Boothby's	Nearshore	2011	4-Jul-11	4.9	1	5		
N24 P/B	N24	Boothby's	Nearshore	2011	2-Sep-11	5.1	3	11		
N24 P/B N24 P/B	N24 N24	Boothby's Boothby's	Nearshore Nearshore	2011 2011	1-Aug-11 15-Aug-11	5.5 5.8	<u>3</u> 5	<u>8</u> 8		
N11 P/B	N24 N11	Britannia	Disturbed	2011	18-Jul-11	2.9	3	3		
N10 P/B	N11	Britannia	Disturbed	2011	2-Sep-11	3.9	1	5		
N11 P/B	N11	Britannia	Disturbed	2011	15-Aug-11	4.5	1	8		
N11 P/B	N11	Britannia	Disturbed	2011	1-Aug-11	4.6	3	3		
N11 P/B	N11	Britannia	Disturbed	2011	4-Jul-11	4.9	3	5		
N11 P/B COAL	N11	Britannia	Disturbed	2011	15-Aug-11		0	11		
N11 P/B FD bacti	N11	Britannia	Disturbed	2011	15-Aug-11		1	8		
N11 P/B COAL N1 P/B	N11 N1	Britannia	Disturbed Dean Weter	2011	2-Sep-11	4.0	0	14 3		
N1 P/B	N1	Dwight Bay Dwight Bay	Deep Water Deep Water	2011 2011	2-Sep-11 18-Jul-11	4.6 5.2	1	3		
N1 P/B	N1	Dwight Bay Dwight Bay	Deep Water	2011	4-Jul-11	5.3	3	5		
N1 P/B	N1	Dwight Bay	Deep Water	2011	1-Aug-11	5.3	1	3		
N1 P/B FD B & p	N1	Dwight Bay	Deep Water	2011	1-Aug-11	5.3	1	1		
N1 P/B	N1	Dwight Bay	Deep Water	2011	15-Aug-11	6.2	1	3		
N1 P/B COAL lab	N1	Dwight Bay	Deep Water	2011	4-Jul-11	-	2	5		
N1 P/B COAL lab	N1	Dwight Bay	Deep Water	2011	2-Sep-11		0	12	1	
N3 P/B	N3	Dwight Beach	Disturbed	2011	2-Sep-11	3.4	13	16		
N3 P/B FD phos	N3	Dwight Beach	Disturbed	2011	2-Sep-11	4.3	22	22	1	
N3 P/B N3 P/B FD phos	N3 N3	Dwight Beach Dwight Beach	Disturbed Disturbed	2011 2011	15-Aug-11 1-Aug-11	4.9 5.5	22	33	1	\vdash
N3 P/B	N3	Dwight Beach	Disturbed	2011	1-Aug-11 1-Aug-11	5.8	19	22	 	
N3 P/B	N3	Dwight Beach	Disturbed	2011	18-Jul-11	7.4	36	46		-
N3 P/B	N3	Dwight Beach	Disturbed	2011	4-Jul-11	9.5	28	36		
N3 P/B COAL lab	N3	Dwight Beach	Disturbed	2011	18-Jul-11		40	47		
N3 P/B FD bacti	N3	Dwight Beach	Disturbed	2011	18-Jul-11		36	43		
B2 P/B	B2	Fairview	Deep Water	2011	18-Jul-11	4.0	1	1		
B2 P/B	B2	Fairview	Deep Water	2011	14-Aug-11	4.8	1	5		
B2 P/B	B2	Fairview	Deep Water	2011	2-Sep-11	4.8	11	3		
B2 P/B B2 P/B	B2 B2	Fairview Fairview	Deep Water Deep Water	2011 2011	4-Jul-11 1-Aug-11	4.9 6.1	1	<u>3</u>		-
B2 P/B COAL lab	B2	Fairview	Deep Water	2011	4-Jul-11	0.1	0	3		
B2 P/B FD bacti	B2	Fairview	Deep Water	2011	4-Jul-11		1	3		-
N10 P/B FD b & p	N10	Gull Rock	Deep Water	2011	1-Aug-11	4.9	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2011	18-Jul-11	5.0	3	3		
N10 P/B	N10	Gull Rock	Deep Water	2011	1-Aug-11	5.0	1	3		
N10 P/B	N10	Gull Rock	Deep Water	2011	15-Aug-11	6.0	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2011	4-Jul-11	7.4	1	3		
N10 P/B COAL	N10	Gull Rock	Deep Water	2011	4-Jul-11		0	2		
N10 P/B FD bacti N10 P/B COAL	N10 N10	Gull Rock Gull Rock	Deep Water Deep Water	2011 2011	4-Jul-11 2-Sep-11		0	3 7		-
E13 P/B	E13	Haystack Bay	Deep Water	2011	14-Aug-11	5.3	1	1		
E13 P/B	E13	Haystack Bay	Deep Water	2011	1-Aug-11	5.6	5	8		
E13 P/B	E13	Haystack Bay	Deep Water	2011	18-Jul-11	6.1	5	11		
E13 P/B	E13	Haystack Bay	Deep Water	2011	4-Jul-11	6.9	3	8		
E13 P/B	E13	Haystack Bay	Deep Water	2011	2-Sep-11	7.1	1	3		
E 18 P/B	E18	Hollow River mouth	River	2011	18-Jul-11	4.5	11	36		
E 18 P/B	E18	Hollow River mouth	River	2011	4-Jul-11	4.6	8	28	<u> </u>	
E 18 P/B E 18 P/B FD bacti	E18	Hollow River mouth Hollow River mouth	River River	2011 2011	1-Aug-11 1-Aug-11	6.7	11	19 16	-	
S2 P/B	S2	Menominee Bay	Nearshore	2011	18-Jul-11	3.9	3	5	 	
S2 P/B	S2	Menominee Bay	Nearshore	2011	1-Aug-11	4.4	5	11		
S2 P/B	S2	Menominee Bay	Nearshore	2011	15-Aug-11	5.0	1	3		
S2 P/B	S2	Menominee Bay	Nearshore	2011	4-Jul-11	5.1	8	11		
S2 P/B FD phos	S2	Menominee Bay	Nearshore	2011	2-Sep-11	5.5				
S2 P/B	S2	Menominee Bay	Nearshore	2011	2-Sep-11	7.1	8	11	1	
N11 P/B	N13	Moffat's	Nearshore	2011	2-Sep-11	2.9	1	13	<u> </u>	
N13 P/B	N13	Moffat's	Nearshore	2011	2-Sep-11	3.3	3	11	1	
N13 P/B N13 P/B	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2011 2011	18-Jul-11 1-Aug-11	3.6 4.4	5 3	16 8	1	
N13 P/B	N13	Moffat's	Nearshore	2011	4-Jul-11	5.6	3	8		
N13 P/B	N13	Moffat's	Nearshore	2011	15-Aug-11	6.2	1	11	1	
N13 P/B COAL	N13	Moffat's	Nearshore	2011	18-Jul-11		7	17		
N13 P/B FD bacti	N13	Moffat's	Nearshore	2011	18-Jul-11	-	7	11		
N13 P/B COAL	N13	Moffat's	Nearshore	2011	15-Aug-11		2	28		
E 26 P/B	E26	Narrows West	Nearshore	2011	18-Jul-11	3.4	25	30		<u> </u>
E 26 P/B	E26	Narrows West	Nearshore	2011	15-Aug-11	4.1	5	8	1	
E 26 P/B E 26 P/B	E26 E26	Narrows West Narrows West	Nearshore Nearshore	2011 2011	2-Sep-11 1-Aug-11	4.6 8.5	16 11	30 16	1	
E 26 P/B	E26	Narrows West	Nearshore	2011	4-Jul-11	11.4	8	19		X X
E 26 P/B COAL	E26	Narrows West	Nearshore	2011	18-Jul-11		32	66		_^
E 26 P/B COAL	E26	Narrows West	Nearshore	2011	2-Sep-11		18	35		
N30 P/B	N30	Oxtongue Delta	River	2011	2-Sep-11	3.1	3	5		
N30 P/B	N30	Oxtongue Delta	River	2011	14-Aug-11	3.7	3	3		
N30 P/B	N30	Oxtongue Delta	River	2011	18-Jul-11	4.5	8	11	1	
N30 P/B	N30	Oxtongue Delta	River	2011	1-Aug-11	5.2	5	8		

Cita Cada	Cita	Cita Nama	Cita Tuma	Veer	l Data I	Tatal	F!!	Tatal	Deal	Outling
N30 P/B FD bacti	Site N30	Site Name Oxtongue Delta	Site Type River	Year 2011	Date 1-Aug-11	Total 5.2	E. coli	Total 8	Bad	Outlier
N30 P/B i D bacti	N30	Oxtongue Delta	River	2011	4-Jul-11	8.2	3	11		
N 2P/B	N2	Oxtongue mouth	River	2011	15-Aug-11	6.9	3	5		
N 2P/B	N2	Oxtongue mouth	River	2011	1-Aug-11	7.1	8	8		
N 2P/B	N2	Oxtongue mouth	River	2011	18-Jul-11	7.9	3	8		
N 2P/B	N2	Oxtongue mouth	River	2011	4-Jul-11	9.3	5	11		
N 2P/B	N2	Oxtongue mouth	River	2011	2-Sep-11		11	16		
B6 P/B	B6	Port Cunnington	Disturbed	2011	18-Jul-11	2.6	5	11		
B6 P/B	B6	Port Cunnington	Disturbed	2011	2-Sep-11	3.5	3	16		
B6 P/B B6 P/B	B6 B6	Port Cunnington Port Cunnington	Disturbed Disturbed	2011 2011	15-Aug-11 1-Aug-11	3.8 4.0	5 8	13 13		
B6 P/B	B6	Port Cunnington Port Cunnington	Disturbed	2011	4-Jul-11	5.1	1	8		
B6 P/B COAL lab	B6	Port Cunnington	Disturbed	2011	4-Jul-11	J. I	1 1	9		
S3 P/B	S3	Price's Point	Deep Water	2011	4-Jul-11	4.4	1	5		
S3 P/B FD b & p	S3	Price's Point	Deep Water	2011	4-Jul-11	4.0	1	1		
S3 P/B COAL lab	S3	Price's Point	Deep Water	2011	4-Jul-11		0	8		
S3 P/B	S3	Price's Point	Deep Water	2011	18-Jul-11	12.8	3	3		Х
S3 P/B	S3	Price's Point	Deep Water	2011	1-Aug-11	5.6	1	1		
S3 P/B	S3	Price's Point	Deep Water	2011	15-Aug-11	4.7	1	5		
S3 P/B	S3	Price's Point	Deep Water	2011	15-Aug-11		1	3		
S3 P/B COAL lab	S3 S3	Price's Point	Deep Water	2011	15-Aug-11	7.0	0	3		
S3 P/B E30 P/B	E30	Price's Point Ten Mile Bay	Deep Water Deep Water	2011 2011	2-Sep-11 18-Jul-11	7.6 4.5	3	5 3		
E30 P/B	E30	Ten Mile Bay	Deep Water	2011	2-Sep-11	4.9	1	3		
E30 P/B	E30	Ten Mile Bay	Deep Water	2011	15-Aug-11	5.1	1	1	1	
E30 P/B	E30	Ten Mile Bay	Deep Water	2011	1-Aug-11	5.2	3	3		
E30 P/B	E30	Ten Mile Bay	Deep Water	2011	4-Jul-11	5.7	3	5		
E30 P/B COAL	E30	Ten Mile Bay	Deep Water	2011	18-Jul-11		0	2		
E30 P/B FD bacti	E30	Ten Mile Bay	Deep Water	2011	18-Jul-11		1	3		
E1 P/B	E1	Trading Bay	Deep Water	2011	4-Jul-11	5.1	3	5		
E1 P/B	E1	Trading Bay	Deep Water	2011	18-Jul-11	4.2	1	1		
E1 P/B	E1	Trading Bay	Deep Water	2011	1-Aug-11	6.9	3	5		
E1 P/B	E1	Trading Bay	Deep Water	2011	15-Aug-11	7.1	1 1	8	1	ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
E1 P/B FD bacti E1 P/B COAL lab	E1	Trading Bay	Deep Water Deep Water	2011	15-Aug-11		2	8 8		
E1 P/B COAL Iab	E1	Trading Bay Trading Bay	Deep Water	2011	15-Aug-11 2-Sep-11	5.7	1	8		
E1 P/B	E1	Trading Bay	Deep Water	2011	2-Sep-11	5.6	1	5		
S1 P/B	S1	Adamson's Island	Nearshore	2012	23-Jul-12	3.7		<u> </u>		
S1 P/B	S1	Adamson's Island	Nearshore	2012	4-Aug-12	3.7	1			
S1 P/B	S1	Adamson's Island	Nearshore	2012	1-Jul-12	4.0				
S1 P/B	S1	Adamson's Island	Nearshore	2012	20-Aug-12	4.1				
S1 P/B FD	S1	Adamson's Island	Nearshore	2012	1-Jul-12	4.2				
S1 P/B	S1	Adamson's Island	Nearshore	2012	31-Aug-12	7.9				X
B4 P/B	B4	Bigwin Bay	Disturbed	2012	23-Jul-12	3.3	_			
B4 P/B	B4	Bigwin Bay	Disturbed	2012	1-Jul-12	3.4				
B4 P/B B4 P/B	B4 B4	Bigwin Bay	Disturbed Disturbed	2012 2012	20-Aug-12	7.0	-			
B4 P/B	B4	Bigwin Bay Bigwin Bay	Disturbed	2012	31-Aug-12 4-Aug-12	7.0				
B1P	B1	Bigwin East	Deep Water	2012	4-Aug-12	4.2				
B1P	B1	Bigwin East	Deep Water	2012	20-Aug-12	4.7				
B1P	B1	Bigwin East	Deep Water	2012	31-Aug-12	4.8				
B1P	B1	Bigwin East	Deep Water	2012	23-Jul-12	5.1				
B1P	B1	Bigwin East	Deep Water	2012	1-Jul-12	5.8				
B1P FD phos	B1	Bigwin East	Deep Water	2012	31-Aug-12	6.0				
B3 P/B	B3	Bigwin North	Disturbed	2012	31-Aug-12	4.2				
B3 P/B	B3	Bigwin North	Disturbed	2012	23-Jul-12	4.3	1			
B3 P/B B3 P/B	B3	Bigwin North	Disturbed Disturbed	2012	1-Jul-12	4.4 4.4	+	-	+	-
B3 P/B FD	B3 B3	Bigwin North Bigwin North	Disturbed	2012 2012	20-Aug-12 20-Aug-12	5.4	1	-	+	
B3 P/B FD	B3	Bigwin North	Disturbed	2012	4-Aug-12	6.2	+	 	+	
N26 P/B	N24	Boothby's	Nearshore	2012	31-Aug-12	3.2	1		1	
N24 P/B	N24	Boothby's	Nearshore	2012	1-Jul-12	3.4	1			
N24 P/B FD	N24	Boothby's	Nearshore	2012	4-Aug-12	3.6				
N24 P/B	N24	Boothby's	Nearshore	2012	23-Jul-12	3.7				
N24 P/B	N24	Boothby's	Nearshore	2012	4-Aug-12	3.7				
N24 P/B FD	N24	Boothby's	Nearshore	2012	23-Jul-12	3.9	1		1	
N24 P/B	N24	Boothby's	Nearshore	2012	20-Aug-12	5.2	1		+	ļ
N11 P/B	N11	Britannia Britannia	Disturbed Disturbed	2012	23-Jul-12 20-Aug-12	3.1	1		1	
N11 P/B N11 P/B	N11 N11	Britannia Britannia	Disturbed Disturbed	2012 2012	20-Aug-12 4-Aug-12	4.1 5.2	+		+	
N11 P/B N11 P/B	N11	Britannia	Disturbed	2012	31-Aug-12	5.3	1		+	
N11 P/B	N11	Britannia	Disturbed	2012	1-Jul-12	6.2	1		1	
N1 P/B	N1	Dwight Bay	Deep Water	2012	31-Aug-12	5.7	1		1	
N1 P/B FD	N1	Dwight Bay	Deep Water	2012	23-Jul-12	5.9	İ			
N1 P/B	N1	Dwight Bay	Deep Water	2012	1-Jul-12	6.1				
N1 P/B		Dwight Bay	Deep Water	2012	4-Aug-12	6.1				
	N1			2012	23-Jul-12	6.4				
N1 P/B	N1	Dwight Bay	Deep Water		00 4 40	0.6		i		
N1 P/B	N1 N1	Dwight Bay	Deep Water	2012	20-Aug-12	8.6				
N1 P/B N3 P/B	N1 N1 N3	Dwight Bay Dwight Beach	Deep Water Disturbed	2012	31-Aug-12	3.8				
N1 P/B N3 P/B N3 P/B	N1 N1 N3 N3	Dwight Bay Dwight Beach Dwight Beach	Deep Water Disturbed Disturbed	2012 2012	31-Aug-12 4-Aug-12	3.8 4.3				
N1 P/B N3 P/B N3 P/B N3 P/B FD phos	N1 N1 N3 N3 N3	Dwight Bay Dwight Beach Dwight Beach Dwight Beach	Deep Water Disturbed Disturbed Disturbed	2012 2012 2012	31-Aug-12 4-Aug-12 23-Jul-12	3.8 4.3 4.5				
N1 P/B N3 P/B N3 P/B N3 P/B FD phos N1 P/B	N1 N1 N3 N3 N3 N3	Dwight Bay Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach	Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed	2012 2012 2012 2012	31-Aug-12 4-Aug-12 23-Jul-12 23-Jul-12	3.8 4.3 4.5 4.6				
N1 P/B N3 P/B N3 P/B N3 P/B FD phos N1 P/B N3 P/B	N1 N1 N3 N3 N3 N3 N3 N3	Dwight Bay Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach	Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed	2012 2012 2012 2012 2012 2012	31-Aug-12 4-Aug-12 23-Jul-12 23-Jul-12 1-Jul-12	3.8 4.3 4.5 4.6 4.7				
N1 P/B N3 P/B N3 P/B N3 P/B FD phos N1 P/B N3 P/B N3 P/B	N1 N1 N3 N3 N3 N3 N3 N3 N3	Dwight Bay Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach	Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed	2012 2012 2012 2012 2012 2012 2012	31-Aug-12 4-Aug-12 23-Jul-12 23-Jul-12 1-Jul-12 20-Aug-12	3.8 4.3 4.5 4.6 4.7 5.3				
N1 P/B N3 P/B N3 P/B N3 P/B FD phos N1 P/B N3 P/B N3 P/B B2 P/B	N1 N1 N3 N3 N3 N3 N3 N3 N3 N3 B2	Dwight Bay Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Fairview	Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed	2012 2012 2012 2012 2012 2012 2012 2012	31-Aug-12 4-Aug-12 23-Jul-12 23-Jul-12 1-Jul-12 20-Aug-12 31-Aug-12	3.8 4.3 4.5 4.6 4.7 5.3 4.0				
N1 P/B N3 P/B N3 P/B N3 P/B FD phos N1 P/B N3 P/B N3 P/B	N1 N1 N3 N3 N3 N3 N3 N3 N3	Dwight Bay Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach Dwight Beach	Deep Water Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed Disturbed	2012 2012 2012 2012 2012 2012 2012	31-Aug-12 4-Aug-12 23-Jul-12 23-Jul-12 1-Jul-12 20-Aug-12	3.8 4.3 4.5 4.6 4.7 5.3				

Site Code	Site	Site Name	Site Type	Year	Date	Total	E. coli	Total	Bad	Outlier
B2 P/B	B2	Fairview	Deep Water	2012	20-Aug-12	5.1	L. COII	IOtal	Dau	Outilei
B2 P/B FD	B2	Fairview	Deep Water	2012	20-Aug-12	5.2				
B2 P/B FD	B2	Fairview	Deep Water	2012	4-Aug-12	5.3				
N10 P/B	N10	Gull Rock	Deep Water	2012	20-Aug-12	4.1				
N10 P/B	N10	Gull Rock	Deep Water	2012	1-Jul-12	4.4				
N10 P/B N10 P/B	N10 N10	Gull Rock Gull Rock	Deep Water Deep Water	2012 2012	23-Jul-12 31-Aug-12	4.8				
N10 P/B FD	N10	Gull Rock	Deep Water	2012	1-Jul-12	5.3 5.9				
N10 P/B	N10	Gull Rock	Deep Water	2012	4-Aug-12	6.3				
E13 P/B	E13	Haystack Bay	Deep Water	2012	23-Jul-12	3.8				
E13 P/B	E13	Haystack Bay	Deep Water	2012	20-Aug-12	3.9				
E13 P/B	E13	Haystack Bay	Deep Water	2012	1-Jul-12	5.2				
E13 P/B	E13	Haystack Bay	Deep Water	2012	4-Aug-12	5.8	1			
E13 P/B E 18 P/B	E13 E18	Haystack Bay Hollow River mouth	Deep Water River	2012 2012	31-Aug-12 20-Aug-12	22.4 4.8				Х
E 18 P/B	E18	Hollow River mouth	River	2012	31-Aug-12	4.9				
E 18 P/B	E18	Hollow River mouth	River	2012	23-Jul-12	5.0				
E 18 P/B	E18	Hollow River mouth	River	2012	1-Jul-12	5.5				
E 18 P/B	E18	Hollow River mouth	River	2012	4-Aug-12					
S2 P/B FD	S2	Menominee Bay	Nearshore	2012	1-Jul-12	3.0				
S2 P/B	S2	Menominee Bay	Nearshore	2012	4-Aug-12	3.4	1			
S2 P/B S2 P/B	S2 S2	Menominee Bay Menominee Bay	Nearshore Nearshore	2012 2012	31-Aug-12 23-Jul-12	3.6 3.9				
S2 P/B	S2	Menominee Bay	Nearshore	2012	1-Jul-12	4.2				
S2 P/B	S2	Menominee Bay	Nearshore	2012	20-Aug-12	4.2				
N13 P/B FD	N13	Moffat's	Nearshore	2012	23-Jul-12	3.1				
N13 P/B	N13	Moffat's	Nearshore	2012	23-Jul-12	3.3				
N13 P/B FD	N13	Moffat's	Nearshore	2012	31-Aug-12	4.1				
N13 P/B	N13	Moffat's	Nearshore	2012	20-Aug-12	4.2	ļ			
N13 P/B N13 P/B	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2012 2012	31-Aug-12 1-Jul-12	4.6 4.9	1		-	
N13 P/B	N13	Moffat's	Nearshore Nearshore	2012	1-Jul-12 4-Aug-12	4.9 5.7	1		 	
E 26 P/B	E26	Narrows West	Nearshore	2012	20-Aug-12	3.8				
E 26 P/B FD	E26	Narrows West	Nearshore	2012	20-Aug-12	3.8				
E 26 P/B	E26	Narrows West	Nearshore	2012	31-Aug-12	4.5				
E 26 P/B	E26	Narrows West	Nearshore	2012	1-Jul-12	4.6				
E 26 P/B	E26	Narrows West	Nearshore	2012	23-Jul-12	4.9				
E 26 P/B N30 P/B	E26 N30	Narrows West Oxtongue Delta	Nearshore River	2012 2012	4-Aug-12 31-Aug-12	3.5				
N30 P/B	N30	Oxtorigue Delta	River	2012	23-Jul-12	3.8				
N30 P/B FD	N30	Oxtongue Delta	River	2012	20-Aug-12	4.0				
N30 P/B	N30	Oxtongue Delta	River	2012	20-Aug-12	4.1				
N30 P/B	N30	Oxtongue Delta	River	2012	4-Aug-12	4.5				
N30 P/B	N30	Oxtongue Delta	River	2012	1-Jul-12	6.0				
N 2P/B	N2	Oxtongue mouth	River	2012	31-Aug-12	5.4	1			
N 2P/B N 2P/B	N2 N2	Oxtongue mouth Oxtongue mouth	River River	2012 2012	1-Jul-12 4-Aug-12	6.3 6.3				
N 2P/B	N2	Oxtongue mouth	River	2012	20-Aug-12	6.4				
N 2P/B	N2	Oxtongue mouth	River	2012	23-Jul-12	7.5				
B6 P/B	B6	Port Cunnington	Disturbed	2012	4-Aug-12	3.9				
B6 P/B	B6	Port Cunnington	Disturbed	2012	31-Aug-12	4.0				
B6 P/B	B6	Port Cunnington	Disturbed	2012	20-Aug-12	4.5				
B6 P/B	B6	Port Cunnington	Disturbed	2012	1-Jul-12	4.7				
B6 P/B N26 P/B	B6 N26	Port Cunnington Portage Bay	Disturbed Deep Water	2012 2012	23-Jul-12 1-Jul-12	5.1 6.3				
N26 P/B	N26	Portage Bay	Deep Water	2012	31-Aug-12	7.7				
N26 P/B	N26	Portage Bay	Deep Water	2012	4-Aug-12	11.6				
N26 P/B	N26	Portage Bay	Deep Water	2012	23-Jul-12	12.9				
N26 P/B	N26	Portage Bay	Deep Water	2012	20-Aug-12	61.3				х
S3 P/B	S3	Price's Point	Deep Water	2012	1-Jul-12	4.3				
S3 P/B	S3	Price's Point	Deep Water	2012	23-Jul-12	4.5	 		1	
S3 P/B S3 P/B	S3 S3	Price's Point Price's Point	Deep Water Deep Water	2012 2012	4-Aug-12 20-Aug-12	4.6 4.2	 		1	
S3 P/B	S3	Price's Point	Deep Water	2012	31-Aug-12	5.1	1		 	
E30 P/B	E30	Ten Mile Bay	Deep Water	2012	23-Jul-12	6.0	1		1	
E30 P/B	E30	Ten Mile Bay	Deep Water	2012	1-Jul-12	6.7				
E30 P/B	E30	Ten Mile Bay	Deep Water	2012	20-Aug-12	6.7	ļ <u> </u>			
E30 P/B	E30	Ten Mile Bay	Deep Water	2012	4-Aug-12	7.0	<u> </u>			
E30 P/B FD	E30	Ten Mile Bay	Deep Water	2012	4-Aug-12 1-Jul-12	8.7	 		1	
E1 P/B E1 P/B	E1	Trading Bay Trading Bay	Deep Water Deep Water	2012 2012	1-Jul-12 23-Jul-12	4.5 4.5	 		1	
E1 P/B E1 P/B FD	E1	Trading Bay Trading Bay	Deep Water	2012	23-Jul-12 23-Jul-12	3.9	1		 	
E1 P/B	E1	Trading Bay	Deep Water	2012	4-Aug-12	5.6	1	İ		
E1 P/B	E1	Trading Bay	Deep Water	2012	20-Aug-12	5.5				
E1 P/B	E1	Trading Bay	Deep Water	2012	31-Aug-12	5.7				
S1 P/B	S1	Adamson's Island	Nearshore	2013	28-Aug-13	2.4	1	1		
S1 P/B	S1	Adamson's Island	Nearshore	2013	1-Jul-13	3.1	3	8		
S1 P/B S1 P/B	S1 S1	Adamson's Island Adamson's Island	Nearshore Nearshore	2013 2013	21-Jul-13 5-Aug-13	5.1 5.4	11 5	16 11	-	
S1 P/B	S1 S1	Adamson's Island Adamson's Island	Nearshore Nearshore	2013	18-Aug-13	9.9	3	5	 	х
S1 P/B lab	S1	Adamson's Island	Nearshore	2013	21-Jul-13	3.3	15	44		^
S1 P/B FD	S1	Adamson's Island	Nearshore	2013	21-Jul-13		11	28		
S1 P/B FD	S1	Adamson's Island	Nearshore	2013	28-Aug-13		1	5		
S1 P/B lab	S1	Adamson's Island	Nearshore	2013	28-Aug-13	-	1	8		
B4 P/B	B4	Bigwin Bay	Disturbed	2013	28-Aug-13	3.7	3	28		
B4 P/B	B4	Bigwin Bay	Disturbed	2013	5-Aug-13	4.2	1 -	1		
B4 P/B	B4	Bigwin Bay	Disturbed Disturbed	2013	1-Jul-13	4.3	5	8	-	
B4 P/B	B4	Bigwin Bay	Distulbed	2013	21-Jul-13	5.0	3	8	<u> </u>	l

Site Code	Site	Site Name	Site Type	Year	Date	Total	E. coli	Total	Bad	Outlier
B4 P/B	B4	Bigwin Bay	Disturbed	2013	18-Aug-13	5.1	1	5	Daa	Outiloi
B1P	B1	Bigwin East	Deep Water	2013	28-Aug-13	3.9	1	1		
B1P lab	B1	Bigwin East	Deep Water	2013	5-Aug-13	4.2	10	19		
B1P/B FD	B1 B1	Bigwin East Bigwin East	Deep Water Deep Water	2013 2013	1-Jul-13 21-Jul-13	4.3 5.1	1 8	1 11		
B1P	B1	Bigwin East	Deep Water	2013	21-Jul-13	5.6	3	8		
B1 P/B FD	B1	Bigwin East	Deep Water	2013	18-Aug-13	5.9	1	1		
B1P	B1	Bigwin East	Deep Water	2013	18-Aug-13	7.7	1	5		
B1jP/B lab B3 P/B	B1 B3	Bigwin East Bigwin North	Deep Water Disturbed	2013 2013	18-Aug-13 1-Jul-13	3.2	0	3		
B3 P/B	B3	Bigwin North	Disturbed	2013	5-Aug-13	4.7	5	11		
B3 P/B FD	B3	Bigwin North	Disturbed	2013	28-Aug-13	4.8	3	16		
B3 P/B	B3	Bigwin North	Disturbed	2013	18-Aug-13	5.7	1	8		
B3 P/B B3 P/B	B3 B3	Bigwin North Bigwin North	Disturbed Disturbed	2013 2013	28-Aug-13 21-Jul-13	6.2	3	8 17		
B3 P/B FD	B3	Bigwin North	Disturbed	2013	18-Aug-13		1	8		
B3 P/B lab	B3	Bigwin North	Disturbed	2013	18-Aug-13		2	12		
N24 P/B	N24	Boothby's	Nearshore	2013	5-Aug-13	3.6	5	8		
N24 P/B FD	N24	Boothby's	Nearshore	2013	5-Aug-13	3.7	1	8		
N24 P/B FD N24 P/B	N24 N24	Boothby's Boothby's	Nearshore Nearshore	2013 2013	1-Jul-13 1-Jul-13	3.9 4.3	3 5	28 8		
N24 P/B	N24	Boothby's	Nearshore	2013	28-Aug-13	5.2	1	11		
N24 P/B	N24	Boothby's	Nearshore	2013	21-Jul-13	0.2	8	11		
N24 P/B lab	N24	Boothby's	Nearshore	2013	21-Jul-13		10	19		
N24 P/B FD	N24	Boothby's	Nearshore	2013	21-Jul-13		8	16		
N24 P/B N24 P/B FD	N24 N24	Boothby's Boothby's	Nearshore Nearshore	2013 2013	18-Aug-13 18-Aug-13		1	8 11		-
N24 P/B FD N24 P/B lab	N24 N24	Boothby's	Nearshore	2013	18-Aug-13		0	15		
N24 P/B FD	N24	Boothby's	Nearshore	2013	28-Aug-13		1	8		
N24 P/B lab	N24	Boothby's	Nearshore	2013	28-Aug-13		2	11		
N11 P/B	N11	Britannia	Disturbed	2013	5-Aug-13	2.9	1	3		
N11 P/B N11 P/B	N11 N11	Britannia Britannia	Disturbed Disturbed	2013 2013	21-Jul-13 28-Aug-13	5.3 13.3	3	1 17		
N11 P/B	N11	Britannia	Disturbed	2013	18-Aug-13	21.6	1	8		X X
N11 P/B	N11	Britannia	Disturbed	2013	1-Jul-13		1	8		
N11 P/B FD	N11	Britannia	Disturbed	2013	18-Aug-13		1	5		
N11 P/B lab	N11	Britannia	Disturbed	2013	18-Aug-13		0	6		
N11 P/B FD N11 P/B lab	N11 N11	Britannia Britannia	Disturbed Disturbed	2013 2013	28-Aug-13 28-Aug-13		1 2	11 9		
N1 P/B	N1	Dwight Bay	Deep Water	2013	1-Jul-13	3.8	3	11		
N1 P/B FD	N1	Dwight Bay	Deep Water	2013	1-Jul-13	3.8	1	11		
N1 P/B FD	N1	Dwight Bay	Deep Water	2013	5-Aug-13	5.1	5	28		
N1 P/B	N1	Dwight Bay	Deep Water	2013	21-Jul-13	5.4	1	8		
N1 P/B N1 P/B FD	N1 N1	Dwight Bay Dwight Bay	Deep Water Deep Water	2013 2013	18-Aug-13 18-Aug-13	5.5 6.1	5 3	11 8		
N1 P/B	N1	Dwight Bay	Deep Water	2013	5-Aug-13	7.0	3	35		
N1 P/B lab	N1	Dwight Bay	Deep Water	2013	5-Aug-13		6	45		
N1 P/B	N1	Dwight Bay	Deep Water	2013	28-Aug-13		3	8		
N3 P/B	N3	Dwight Beach	Disturbed	2013	1-Jul-13	4.1	3	5		
N3 P/B N3 P/B	N3 N3	Dwight Beach Dwight Beach	Disturbed Disturbed	2013 2013	28-Aug-13 21-Jul-13	6.0 6.6	5 3	<u>8</u> 8		
N3 P/B	N3	Dwight Beach	Disturbed	2013	18-Aug-13	6.7	3	17		
N3 P/B	N3	Dwight Beach	Disturbed	2013	5-Aug-13	10.4	1	1		
N3 P/B FD	N3	Dwight Beach	Disturbed	2013	5-Aug-13		1	5		
N3 P/B lab B2 P/B FD	N3 B2	Dwight Beach Fairview	Disturbed Deep Water	2013 2013	5-Aug-13 1-Jul-13	3.6	3 1	<u>8</u> 3		-
B2 P/B 1 D	B2	Fairview	Deep Water	2013	1-Jul-13	3.7	1	1		
B2 P/B	B2	Fairview	Deep Water	2013	28-Aug-13	4.0	1	1		
B2 P/B	B2	Fairview	Deep Water	2013	18-Aug-13	4.2	1	5		
B2 P/B FD	B2	Fairview	Deep Water	2013	28-Aug-13	4.2	1	3		
B2 P/B FD B2 P/B	B2 B2	Fairview	Deep Water Deep Water	2013	18-Aug-13 21-Jul-13	4.6 5.1	3	3	 	\vdash
B2 P/B	B2	Fairview	Deep Water	2013	5-Aug-13	5.1	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2013	1-Jul-13	3.2	1	1		
N10 P/B	N10	Gull Rock	Deep Water	2013	28-Aug-13	3.4	1	3		
N10 P/B N10 P/B FD	N10 N10	Gull Rock Gull Rock	Deep Water Deep Water	2013 2013	5-Aug-13 21-Jul-13	3.5 3.8	5 11	8 17		
N10 P/B FD	N10	Gull Rock	Deep Water	2013	21-Jul-13 21-Jul-13	4.0	8	28		
N10 P/B	N10	Gull Rock	Deep Water	2013	18-Aug-13	5.7	1	3		
N10 P/B lab	N10	Gull Rock	Deep Water	2013	21-Jul-13	-	17	49		
N10 P/B FD	N10	Gull Rock	Deep Water	2013	18-Aug-13		1	1	-	
N10 P/B lab N10 P/B FD	N10 N10	Gull Rock Gull Rock	Deep Water Deep Water	2013 2013	18-Aug-13 28-Aug-13		0 1	1 8	1	
N10 P/B lab	N10	Gull Rock	Deep Water	2013	28-Aug-13		1	8	1	
E13 P/B FD	E13	Haystack Bay	Deep Water	2013	28-Aug-13	3.6	1	5		
E13 P/B	E13	Haystack Bay	Deep Water	2013	28-Aug-13	4.3	1	3		
E13 P/B	E13	Haystack Bay	Deep Water	2013	5-Aug-13	6.7	1	5		<u> </u>
E13 P/B E13 P/B	E13 E13	Haystack Bay Haystack Bay	Deep Water Deep Water	2013 2013	1-Jul-13 21-Jul-13	7.6 7.7	3	3	-	
E13 P/B	E13	Haystack Bay	Deep Water	2013	18-Aug-13	10.3	1	11	1	
E13 P/B FD	E13	Haystack Bay	Deep Water	2013	5-Aug-13	- *	1	8		
E13 P/B lab	E13	Haystack Bay	Deep Water	2013	5-Aug-13		0	10		
E13 P/B FD	E13	Haystack Bay	Deep Water	2013	18-Aug-13		1	8	-	
E13 P/B lab E 18 P/B	E13 E18	Haystack Bay Hollow River mouth	Deep Water River	2013 2013	18-Aug-13 5-Aug-13	3.8	3	8 28	1	
E 18 P/B	E18	Hollow River mouth	River	2013	28-Aug-13	3.8	3	8		
E 18 P/B	E18	Hollow River mouth	River	2013	1-Jul-13	4.8	3	17		
E 18 P/B	E18	Hollow River mouth	River	2013	21-Jul-13		5	28		

El BP Bi D	Cita Cada	C:4-	Cita Nama	Cita Tuma	Veer	Dete	Tatal	F!!	Total	Ded	Outlies
Elia Pilla Elia Holow River mouth River 2013 S.Aup-13 2 14							Iotai			Bad	Outlier
E19 E16											
SE PIB SE Menominen Bay Neuralhore 2013 1-jul-13 3.1 5 8											
SEPRIF S			Menominee Bay	Nearshore	2013		2.9		11		
S2 P/B S2 Menomine Bry Nearshore 2013 28-Aug-13 4.4 5.5 5.											
SEZ-PIR SEZ Menominee Bary Neuralhore 2013 21-Jul-13 5.7 3 5											
S2 PB											
N1 9 PB											
N13 P/B											
N13 P/B N13											
N13 Pill N13											
N13 P/B N13	N13 P/B FD	N13	Moffat's	Nearshore	2013	18-Aug-13	6.1		8	bs	
MIS PR D							11.4				х
MISP/B FD NIS											
MIS JPB IF ID											
N13 Pils Ib											
N13 P/B D											
E 26 P/B											
E 26 P/B	N13 P/B lab	N13	Moffat's	Nearshore	2013	28-Aug-13			25		
E 26 P/B											
E 26 P/B F D											
E 26 PIB TO E26 Narrows West Nearshore 2013 21-Jul-13 5 17 E 26 PIB lab E26 Narrows West Nearshore 2013 5-Aug-13 5.2 80 N30 PIB N30 Oxtongue Delta River 2013 28-Aug-13 3.2 8 11 N30 PIB N30 Oxtongue Delta River 2013 13-Jul-13 4.7 5 11 N30 PIB N30 Oxtongue Delta River 2013 12-Jul-13 4.7 5 11 N30 PIB N30 Oxtongue Delta River 2013 22-Jul-13 5.1 1 8 N30 PIB N30 Oxtongue Delta River 2013 32-Jul-13 5.4 3 11 N30 PIB N30 Oxtongue Delta River 2013 13-Jul-13 6.6 3 17 N30 PIB N30 Oxtongue Delta River 2013 13-Jul-13 6.0 8 17										-	
E 26 P/B FD							5.4			1	
E 26 Pila lab E 26										 	
N30 P/B N30										1	
N30 P/B N30	N30 P/B	N30	Oxtongue Delta		2013	28-Aug-13		8	11		
N30 P/B FD											
N30 P/B FD N30											
N30 P/B N30										-	
N30 Pis N30 Oxtongue Delta River 2013 18-Aug-13 10.3 1 5 N			J								
N 2P/B										1	
N 2P/B N2											
N 2P/B											
N 2P/B N 2C		N2		River	2013	28-Aug-13	8.0		8		
N26 P/B											
N26 P/B											
N26 P/B N26 Portage Bay Deep Water 2013 5-Aug-13 5.3 1 5											
N26 P/B N26											
N26 PB											
S3 P/B											
S3 P/B S3											
S3 P/B	S3 P/B FD		Price's Point	Deep Water	2013	1-Jul-13	3.2	1			
S3 P/B FD S3											
S3 P/B											
S3 P/B FD S3											
S3 PB S3											
E30 P/B E30 Ten Mile Bay Deep Water 2013 5-Aug-13 5.1 3 8 E30 P/B E30 Ten Mile Bay Deep Water 2013 28-Aug-13 5.1 1 5 E30 P/B E30 Ten Mile Bay Deep Water 2013 21-Jul-13 5.5 3 3 E30 P/B E30 Ten Mile Bay Deep Water 2013 21-Jul-13 6.1 5 8 E30 P/B E30 Ten Mile Bay Deep Water 2013 12-Jul-13 6.9 1 3 1 E30 P/B E30 Ten Mile Bay Deep Water 2013 18-Aug-13 6.9 1 3 1 E30 P/B E30 Ten Mile Bay Deep Water 2013 1-Jul-13 6.9 1 3 1								_			
E30 P/B											
E30 P/B E30 Ten Mile Bay Deep Water 2013 21-Jul-13 6.1 5 8 E30 P/B E30 Ten Mile Bay Deep Water 2013 18-Aug-13 6.9 1 3 E1 P/B E1 Trading Bay Deep Water 2013 1-Jul-13 2.2 5 17 E1 P/B FD E1 Trading Bay Deep Water 2013 1-Jul-13 2.2 8 11 E1 P/B E1 Trading Bay Deep Water 2013 5-Aug-13 2.8 8 E1 P/B E1 Trading Bay Deep Water 2013 5-Aug-13 2.8 8 E1 P/B E1 Trading Bay Deep Water 2013 5-Aug-13 2.5 3 8 E1 P/B E1 Trading Bay Deep Water 2013 18-Aug-13 2.5 3 8 E1 P/B E1 Trading Bay Deep Water 2013 28-Aug-13 2.6 3 5 E1	E30 P/B	E30	Ten Mile Bay	Deep Water	2013	28-Aug-13	5.1		5		
E30 P/B											
E1 P/B											
E1 P/B FD E1 Trading Bay Deep Water 2013 1-Jul-13 2.2 8 11 E1 P/B E1 Trading Bay Deep Water 2013 21-Jul-13 2.8 E1 P/B FD E1 Trading Bay Deep Water 2013 5-Aug-13 2.8 E1 P/B E1 Trading Bay Deep Water 2013 5-Aug-13 2.5 3 8 E1 P/B E1 Trading Bay Deep Water 2013 18-Aug-13 2.6 3 5 E1 P/B E1 Trading Bay Deep Water 2013 18-Aug-13 2.6 3 5 E1 P/B E1 Trading Bay Deep Water 2013 28-Aug-13 2.6 3 5 S1 Adamson's Island Nearshore 2014 3-Aug-14 2.8 3 5 S1 FD S1 Adamson's Island Nearshore 2014 17-Aug-14 3.7 3.7 S1 Adamson's Island Nearshore 2014										-	
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E30	E30	Ten Mile Bay	Deep Water	2014	28-Aug-14	6.7				+
E30	E30	Ten Mile Bay	Deep Water	2014	20-Jul-14	8.7				
E30	E30	Ten Mile Bay	Deep Water	2014	29-Jun-14	10.2				х
E30 FD	E30	Ten Mile Bay	Deep Water	2014	29-Jun-14	10.3				х
E1	E1	Trading Bay	Deep Water	2014	29-Jun-14	4.4				
E1	E1	Trading Bay	Deep Water	2014	20-Jul-14	4.7				
E1	E1	Trading Bay	Deep Water	2014	3-Aug-14	3.7				
E1 FD	E1	Trading Bay	Deep Water	2014	17-Aug-14	4.6				
E1	E1	Trading Bay	Deep Water	2014	17-Aug-14	3.8				
E1	E1	Trading Bay Adamson's Island	Deep Water Nearshore	2014 2015	28-Aug-14	4.2 2.1			-	-
S1 S1 FD	S1 S1	Adamson's Island	Nearshore	2015	4-Sep-15 4-Sep-15	2.5				1
S1 S1	S1	Adamson's Island	Nearshore	2015	23-Aug-15	2.6	+			1
S1	S1	Adamson's Island	Nearshore	2015	4-Aug-15	3.9				
S1	S1	Adamson's Island	Nearshore	2015	28-Jun-15	4.1				1
S1	S1	Adamson's Island	Nearshore	2015	20-Jul-15	4.5				
S1 FD	S1	Adamson's Island	Nearshore	2015	28-Jun-15	4.6				
B5 FD	B4	Bigwin Bay	Disturbed	2015	23-Aug-15	2.1				
B5	B4	Bigwin Bay	Disturbed	2015	23-Aug-15	2.7				
B5	B4	Bigwin Bay	Disturbed	2015	4-Sep-15	4.6				
B5	B4	Bigwin Bay	Disturbed	2015	28-Jun-15	5.5				
B5	B4 B4	Bigwin Bay	Disturbed	2015	20-Jul-15	6.7			-	
B5 B1	B1	Bigwin Bay Bigwin East	Disturbed Deep Water	2015 2015	4-Aug-15 4-Aug-15	12.0 3.9				Х
B1	B1	Bigwin East	Deep Water	2015	23-Aug-15	4.1	1		1	
B1	B1	Bigwin East	Deep Water	2015	20-Jul-15	4.6	1			1
B1	B1	Bigwin East	Deep Water	2015	4-Sep-15	5.5			1	†
B1	B1	Bigwin East	Deep Water	2015	28-Jun-15	18.1				х
B3 FD	B3	Bigwin North	Disturbed	2015	4-Aug-15	4.0				
B3	B3	Bigwin North	Disturbed	2015	28-Jun-15	4.2				
B3	B3	Bigwin North	Disturbed	2015	23-Aug-15	4.5	ļ			
B3	B3	Bigwin North	Disturbed	2015	4-Sep-15	4.5				
B3	B3	Bigwin North	Disturbed	2015	20-Jul-15	8.1				.
B3 FD	B3	Bigwin North	Disturbed	2015	4-Sep-15	8.7	-		bs	ļ
B3 N24 FD	B3 N24	Bigwin North Boothby's	Disturbed Nearshore	2015 2015	4-Aug-15 23-Aug-15	19.3 2.1			bs	+
N24 FD	N24	Boothby's	Nearshore	2015	4-Sep-15	2.6				+
N24	N24	Boothby's	Nearshore	2015	20-Jul-15	4.1	+			1
N24	N24	Boothby's	Nearshore	2015	4-Aug-15	4.5				
N24	N24	Boothby's	Nearshore	2015	28-Jun-15	5.0				
N24	N24	Boothby's	Nearshore	2015	23-Aug-15	5.0			bs	
N24 FD	N24	Boothby's	Nearshore	2015	20-Jul-15	7.4			bs	
N11	N11	Britannia	Disturbed	2015	4-Sep-15	2.6				
N11 FD	N11	Britannia	Disturbed	2015	4-Sep-15	2.7				.
N11	N11	Britannia	Disturbed	2015	20-Jul-15	3.9				
N11	N11	Britannia	Disturbed	2015	28-Jun-15	4.6			-	-
N11 N11	N11 N11	Britannia Britannia	Disturbed Disturbed	2015 2015	23-Aug-15 4-Aug-15	6.2 6.9			-	-
N1	N1	Dwight Bay	Deep Water	2015	23-Aug-15	3.1				1
N1	N1	Dwight Bay Dwight Bay	Deep Water	2015	20-Jul-15	4.3	+			1
N1 FD	N1	Dwight Bay	Deep Water	2015	4-Sep-15	4.4				1
N1	N1	Dwight Bay	Deep Water	2015	4-Aug-15	5.1				
N1	N1	Dwight Bay	Deep Water	2015	4-Sep-15	7.0			bs	
N1	N1	Dwight Bay	Deep Water	2015	28-Jun-15	8.1				
N1 FD	N1	Dwight Bay	Deep Water	2015	20-Jul-15	8.3			bs	
B2	B2	Fairview	Deep Water	2015	23-Aug-15	3.3				.
B2	B2	Fairview	Deep Water	2015	4-Sep-15	3.3			1	
B2 B2	B2 B2	Fairview	Deep Water	2015	4-Aug-15 20-Jul-15	3.7	1		1	
B2 FD	B2 B2	Fairview Fairview	Deep Water Deep Water	2015 2015	20-Jul-15 23-Aug-15	4.8 5.4			1	+
B2 FD	B2	Fairview	Deep Water	2015	28-Jun-15	5.9	1		1	1
N10	N10	Gull Rock	Deep Water	2015	4-Sep-15	2.5			1	†
N10	N10	Gull Rock	Deep Water	2015	23-Aug-15	3.3				
N10 FD	N10	Gull Rock	Deep Water	2015	4-Aug-15	3.8				
N10	N10	Gull Rock	Deep Water	2015	4-Aug-15	3.9				
N10	N10	Gull Rock	Deep Water	2015	20-Jul-15	4.8	ļ			
N10	N10	Gull Rock	Deep Water	2015	20-Jul-15	5.1	1		1	ļ
N10	N10	Gull Rock	Deep Water	2015	28-Jun-15	5.7	1		1	
E13	E13	Haystack Bay	Deep Water	2015	23-Aug-15	3.3	1		1	-
E13 E13	E13 E13	Haystack Bay Haystack Bay	Deep Water Deep Water	2015 2015	4-Aug-15 28-Jun-15	4.8 14.6	1		1	х
E13	E13	Haystack Bay	Deep Water	2015	4-Sep-15	15.7	1		1	X
E13 FD	E13	Haystack Bay	Deep Water	2015	4-Sep-15	20.5	1		1	X
E13	E13	Haystack Bay	Deep Water	2015	20-Jul-15				1	<u> </u>
E18	E18	Hollow River mouth	River	2015	4-Aug-15	5.5				
E18	E18	Hollow River mouth	River	2015	4-Aug-15	6.3				
E18	E18	Hollow River mouth	River	2015	4-Sep-15	7.5				
E18	E18	Hollow River mouth	River	2015	20-Jul-15	8.6				
	1 -10	Hollow River mouth	River	2015	28-Jun-15	16.3				R
E18	E18		Diver	2015	23-Aug-15					<u> </u>
E18 E18	E18	Hollow River mouth	River		00 4 :-					
E18 E18 S2	E18 S2	Menominee Bay	Nearshore	2015	23-Aug-15	1.9				
E18 E18 S2 S2	E18 S2 S2	Menominee Bay Menominee Bay	Nearshore Nearshore	2015 2015	4-Sep-15	3.0				
E18 E18 S2 S2 S2 FD	E18 S2 S2 S2 S2	Menominee Bay Menominee Bay Menominee Bay	Nearshore Nearshore Nearshore	2015 2015 2015	4-Sep-15 4-Aug-15	3.0 3.7				
E18 E18 S2 S2 S2 FD S2 FD	E18 S2 S2 S2 S2 S2 S2	Menominee Bay Menominee Bay Menominee Bay Menominee Bay	Nearshore Nearshore Nearshore Nearshore	2015 2015 2015 2015	4-Sep-15 4-Aug-15 20-Jul-15	3.0 3.7 4.5				
E18 E18 S2 S2 S2 FD	E18 S2 S2 S2 S2	Menominee Bay Menominee Bay Menominee Bay	Nearshore Nearshore Nearshore	2015 2015 2015	4-Sep-15 4-Aug-15	3.0 3.7				

Site Code	Site	Site Name	Sito Tuno	Year	Date	Total	E. coli	Total	Bad	Outlier
N13	N13	Moffat's	Site Type Nearshore	2015	4-Sep-15	3.1	L. COII	IOtal	Dau	Outilei
N13	N13	Moffat's	Nearshore	2015	23-Aug-15	3.9				
N13	N13	Moffat's	Nearshore	2015	20-Jul-15	4.1				
N13	N13	Moffat's	Nearshore	2015	4-Aug-15	4.1				
N13	N13	Moffat's	Nearshore Nearshore	2015	28-Jun-15	4.9				
N13 E25	N13 E26	Moffat's Narrows West	Nearshore Nearshore	2015 2015	20-Jul-15 28-Jun-15	7.3 3.4				
E26	E26	Narrows West	Nearshore	2015	20-Jul-15	4.5				
E26	E26	Narrows West	Nearshore	2015	4-Aug-15	4.9				
E26 FD	E26	Narrows West	Nearshore	2015	20-Jul-15	5.1				
E26	E26	Narrows West	Nearshore	2015	4-Sep-15	8.9				х
E26	E26	Narrows West	Nearshore	2015	23-Aug-15	2.4				
N30 N30 FD	N30 N30	Oxtongue Delta Oxtongue Delta	River River	2015 2015	23-Aug-15 23-Aug-15	2.4 2.5				
N30 FD	N30	Oxtorigue Delta	River	2015	4-Aug-15	4.9				
N30	N30	Oxtongue Delta	River	2015	4-Aug-15	5.1				
N30	N30	Oxtongue Delta	River	2015	20-Jul-15	7.0				
N30	N30	Oxtongue Delta	River	2015	28-Jun-15	7.1				
N30 FD	N30	Oxtongue Delta	River	2015	28-Jun-15	8.1				
N30	N30	Oxtongue Delta	River	2015	4-Sep-15	8.1				
N2 N2	N2 N2	Oxtongue mouth Oxtongue mouth	River River	2015 2015	4-Aug-15 23-Aug-15	4.6 5.7				
N2 FD	N2	Oxtongue mouth	River	2015	23-Aug-15	6.1				
N2	N2	Oxtongue mouth	River	2015	28-Jun-15	7.4				
N2	N2	Oxtongue mouth	River	2015	20-Jul-15	7.5				
N2	N2	Oxtongue mouth	River	2015	4-Sep-15	7.7				
N26	N26	Portage Bay	Deep Water	2015	4-Sep-15	3.6				
N26 N26	N26 N26	Portage Bay Portage Bay	Deep Water Deep Water	2015 2015	23-Aug-15 20-Jul-15	4.5 4.8				
N26	N26	Portage Bay	Deep Water	2015	4-Aug-15	4.9				
N26	N26	Portage Bay	Deep Water	2015	28-Jun-15	5.5				
S3	S3	Price's Point	Deep Water	2015	28-Jun-15	5.4				
S3 FD	S3	Price's Point	Deep Water	2015	20-Jul-15	5.3				
S3	S3	Price's Point	Deep Water	2015	20-Jul-15	4.8				
S3	S3	Price's Point	Deep Water	2015	4-Aug-15	4.2				
S3 S3	S3 S3	Price's Point Price's Point	Deep Water Deep Water	2015 2015	23-Aug-15 4-Sep-15	2.3 3.0				
E30	E30	Ten Mile Bay	Deep Water	2015	23-Aug-15	4.3				
E30	E30	Ten Mile Bay	Deep Water	2015	4-Sep-15	4.6				
E30	E30	Ten Mile Bay	Deep Water	2015	28-Jun-15	4.8				
E30 FD	E30	Ten Mile Bay	Deep Water	2015	23-Aug-15	5.3				
E30	E30	Ten Mile Bay	Deep Water	2015	20-Jul-15	5.6				
E30 E1	E30 E1	Ten Mile Bay	Deep Water Deep Water	2015 2015	4-Aug-15 28-Jun-15	5.8 10.6				
E1	E1	Trading Bay Trading Bay	Deep Water	2015	20-Jul-15	8.2				
E1	E1	Trading Bay	Deep Water	2015	4-Aug-15	9.5				
E1	E1	Trading Bay	Deep Water	2015	23-Aug-15	5.0				
E1	E1	Trading Bay	Deep Water	2015	4-Sep-15	4.7				
B1	B1	Bigwin East	Deep water	2016	1-Jul-16	5.1				
B1	B1	Bigwin East	Deep water	2016	18-Jul-16	2.9				
B1 B1	B1 B1	Bigwin East Bigwin East	Deep water Deep water	2016 2016	1-Aug-16 14-Aug-16	4.5 5.0	3	5		
B1	B1	Bigwin East	Deep water	2016	1-Sep-16	4.0				
B1 FD	B1	Bigwin East	Deep water	2016	1-Sep-16	5.3				
B2	B2	Fairview	Deep water	2016	1-Jul-16	4.3				
B2 FD	B2	Fairview	Deep water	2016	1-Jul-16	3.3				
B2	B2	Fairview	Deep water	2016	18-Jul-16	3.6		_		
B2 B2 FD	B2 B2	Fairview	Deep water Deep water	2016	1-Aug-16	4.7	0	5 3		
B2 FD	B2 B2	Fairview Fairview	Deep water	2016 2016	1-Aug-16 14-Aug-16	10.2	U	3	bs	
B2 FD	B2	Fairview	Deep water	2016	14-Aug-16	3.7			υo	
B2	B2	Fairview	Deep water	2016	1-Sep-16	4.8			<u> </u>	
B3	B3	Bigwin North	Disturbed	2016	1-Jul-16	3.9				
B3	B3	Bigwin North	Disturbed	2016	18-Jul-16	4.9	<u> </u>			
B3	B3	Bigwin North	Disturbed	2016	1-Aug-16	9.4	5	13	1	
B3 B3 FD	B3 B3	Bigwin North Bigwin North	Disturbed Disturbed	2016 2016	14-Aug-16 14-Aug-16	3.5 5.9	1		bs	-
B3	B3	Bigwin North	Disturbed	2016	1-Sep-16	3.8	†		55	
B3 FD	B3	Bigwin North	Disturbed	2016	1-Sep-16	4.0				
B5	B5	Bigwin Bay	Disturbed	2016	1-Jul-16	3.7				
B5	B5	Bigwin Bay	Disturbed	2016	18-Jul-16	3.5	1			
B5	B5	Bigwin Bay	Disturbed	2016	1-Aug-16	5.1	5	16		
B5 B5	B5 B5	Bigwin Bay	Disturbed	2016 2016	14-Aug-16	4.2 4.9	 	-	1	
E1	E1	Bigwin Bay Trading Bay	Disturbed Deep water	2016	1-Sep-16 1-Jul-16	4.9	 		1	
E1	E1	Trading Bay	Deep water	2016	18-Jul-16	8.8	1			
E1	E1	Trading Bay	Deep water	2016	1-Aug-16	6.6	3	8		
E1	E1	Trading Bay	Deep water	2016	14-Aug-16	5.4				
E1 F/D	E1	Trading Bay	Deep water	2016	14-Aug-16	5.0				
E1	E1	Trading Bay	Deep water	2016	1-Sep-16	15.8	1		1	Х
E13 E13	E13	Haystack Bay Haystack Bay	Deep water Deep water	2016 2016	1-Jul-16 18-Jul-16	7.2 4.3	1	-	}	\vdash
E13 F/D	E13	Haystack Bay	Deep water Deep water	2016	18-Jul-16	4.1	†	-	 	
E13	E13	Haystack Bay	Deep water	2016	1-Aug-16	5.8	0	8		
E13	E13	Haystack Bay	Deep water	2016	14-Aug-16	5.5				
E18	E18	Hollow River mouth	River	2016	1-Jul-16					
E18	E18	Hollow River mouth	River	2016	18-Jul-16	13.3			1	
E18	E18	Hollow River mouth	River	2016	1-Aug-16	7.3	3	11	Ì	l

E18	Site Code	Site	Sita Nama	Cita Tuna	Voor	Date	Total	E. coli	Total	Bad	Outlier
E19								E. COII	TOLAI	Dau	Outilei
ESS F25											
Fig. 12											
ESS	E25	E25	Narrows West	Nearshore	2016	18-Jul-16	5.9				
E25										bs	
Ego								3	8		
ESS											
ESD							6.1				
ESO							15.0				Y
E30 FD E30								0	8		_^_
E30							7.0				
ESD FID ESD Ten Mile Bay Deep vaster 2016 1-Sep-16 5.1							7.9				
NI	E30	E30	Ten Mile Bay	Deep water	2016	1-Sep-16	7.0				
No. Properties Despresser 2016 1-3\(\text{L}\) 10.4											
NI											
NI											
NI								0	2		
No. No. Dwight Bary Deep water 2016 14-Aug-16 11-2 No.								0	3		
No. No. No. December 2016 1-Sep-16 7-3										he	
N2								-		DS	
N2											
N2											
N2		N2						3	13		
NIO			Oxtongue mouth		2016	14-Aug-16	5.6				
NIO											
N10								1		1	
N10											
N10								-			
N10								U		1	-
N11							4.0				
N11							3.1	1		1	
N11											
N11								3	5	bs	
N11	N11 FD	N11	Britannia	Disturbed							
N11											
N13											
N13											
N13											
N13								0	-		X
N13							4.5				
N13							3.4				
N13											
N24 N24 Boothby's Nearshore 2016 1-Jul-16 8.7											
N24	N24	N24		Nearshore	2016	1-Jul-16	3.3				
N24				Nearshore						bs	
N24											
N24								3	8		
N26											
N26											
N26											3
N26 Portage Bay Deep water 2016								3	11		
N26											
N30	N26						5.6				
N30	N26	N26		Deep water	2016	1-Sep-16					
N30 N30											
N30								 			
N30								-	4.0	1	
N30								1 5	16	-	
N30 FD								+		 	-
S1 Adamson's Island Nearshore 2016 1-Jul-16 4.9 S1 FD S1 Adamson's Island Nearshore 2016 18-Jul-16 8.9 x S1 S1 Adamson's Island Nearshore 2016 1-Aug-16 4.5 3 8 S1 S1 Adamson's Island Nearshore 2016 14-Aug-16 4.0 3 8 S1 S1 Adamson's Island Nearshore 2016 1-Sep-16 3.7 3.7 3 8 3 8 4 4.0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
S1 FD								1		1	
S1 Adamson's Island Nearshore 2016 1-Aug-16 4.5 3 8 S1 S1 Adamson's Island Nearshore 2016 14-Aug-16 4.0 4.0 S1 S1 Adamson's Island Nearshore 2016 1-Sep-16 3.7 S1 FD S1 Adamson's Island Nearshore 2016 1-Sep-16 3.8 S2 S2 Menominee Bay Nearshore 2016 1-Jul-16 3.1 S2 FD S2 Menominee Bay Nearshore 2016 1-Jul-16 4.8 bs S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.1 1 S2 S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.3 5 8 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 9 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 5 S2 S2 Menominee Bay Nearshore 2016 1		S1									Х
S1 Adamson's Island Nearshore 2016 1-Sep-16 3.7 S1 FD S1 Adamson's Island Nearshore 2016 1-Sep-16 3.8 S2 S2 Menominee Bay Nearshore 2016 1-Jul-16 3.1 S2 FD S2 Menominee Bay Nearshore 2016 1-Jul-16 4.8 bs S2 S2 Menominee Bay Nearshore 2016 18-Jul-16 7.1 st S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.3 5 8 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 9 8 8 8 8 8 8 9 <	S1	S1	Adamson's Island	Nearshore	2016		4.5	3	8		
S1 FD S1 Adamson's Island Nearshore 2016 1-Sep-16 3.8 S2 S2 Menominee Bay Nearshore 2016 1-Jul-16 3.1 S2 FD S2 Menominee Bay Nearshore 2016 1-Jul-16 4.8 S2 S2 Menominee Bay Nearshore 2016 18-Jul-16 7.1 S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.3 5 8 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 S S2 FD S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S3 S3 Price's Point Deep water											
S2 S2 Menominee Bay Nearshore 2016 1-Jul-16 3.1 bs S2 FD S2 Menominee Bay Nearshore 2016 1-Jul-16 4.8 bs S2 S2 Menominee Bay Nearshore 2016 18-Jul-16 7.1 1 S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.3 5 8 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 S2 FD S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 1-Sep-16 12.0 S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 S3 S3 Price's Point Deep water 2016 18-Jul-16 9.3 S3 S3 Price's Point Deep water 2016 18-Jul-16 7.6 S3 FD S3 Price's								1			
S2 FD S2 Menominee Bay Nearshore 2016 1-Jul-16 4.8 bs S2 S2 Menominee Bay Nearshore 2016 18-Jul-16 7.1 S2 S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.3 5 8 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 1-Sep-16 12.0 X X X S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 S3 S3 Price's Point Deep water 2016 18-Jul-16 9.3 S3 S3 Price's Point Deep water 2016 18-Jul-16 7.6 S3 S3 Price's Point Deep water 2016 1-Aug-16 6								+		1	
S2 S2 Menominee Bay Nearshore 2016 18-Jul-16 7.1 S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.3 5 8 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 S2 FD S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 1-Sep-16 12.0 x S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 x S3 FD S3 Price's Point Deep water 2016 18-Jul-16 7.6 y S3 FD S3 Price's Point Deep water 2016 18-Jul-16 7.6 y S3 FD S3 Price's Point Deep water 2016 18-Jul-16 7.6 y S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td> <td></td> <td>he</td> <td>-</td>								+		he	-
S2 S2 Menominee Bay Nearshore 2016 1-Aug-16 7.3 5 8 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 S2 S2 FD S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 12.0 x S3 S3 Price's Point Deep water 2016 1-Sep-16 12.0 x S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 3.3 S3 S3 Price's Point Deep water 2016 18-Jul-16 9.3 9.3 9.3 S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 bs S3 S3 Price's Point Deep water 2016 1-Aug-16								+		טט	
S2 S2 Menominee Bay Nearshore 2016 14-Aug-16 4.9 S2 FD S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 1-Sep-16 12.0 x S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 S3 FD S3 Price's Point Deep water 2016 18-Jul-16 9.3 S3 FD S3 Price's Point Deep water 2016 18-Jul-16 7.6 S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 bs S3 S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 1-Aug-16 4.1 1 S3 S3 Price's Point Deep water 2016 1-Sep-16								5	8	t	
S2 FD S2 Menominee Bay Nearshore 2016 14-Aug-16 5.6 S2 S2 Menominee Bay Nearshore 2016 1-Sep-16 12.0 x S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 x S3 FD S3 Price's Point Deep water 2016 18-Jul-16 9.3 S3 S3 Price's Point Deep water 2016 18-Jul-16 7.6 S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 bs S3 FD S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 1-Aug-16 4.1 4.1 S3 S3 Price's Point Deep water 2016 1-Sep-16 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Ť</td> <td></td> <td></td> <td></td>								Ť			
S2 S2 Menominee Bay Nearshore 2016 1-Sep-16 12.0 x S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 S3 FD S3 Price's Point Deep water 2016 18-Jul-16 9.3 S3 S3 Price's Point Deep water 2016 18-Jul-16 7.6 S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 bs S3 S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 14-Aug-16 4.1 S3 S3 Price's Point Deep water 2016 1-Sep-16 5.9 B1 Bigwin East Deep water 2017 3-Jul-17 3-Jul-17								1		1	
S3 S3 Price's Point Deep water 2016 1-Jul-16 6.1 S3 FD S3 Price's Point Deep water 2016 18-Jul-16 9.3 S3 S3 Price's Point Deep water 2016 18-Jul-16 7.6 S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 bs S3 S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 14-Aug-16 4.1 S3 S3 Price's Point Deep water 2016 1-Sep-16 5.9 B1 B1 Bigwin East Deep water 2017 3-Jul-17		S2									Х
S3 S3 Price's Point Deep water 2016 18-Jul-16 7.6 8 S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 bs S3 S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 14-Aug-16 4.1 S3 S3 Price's Point Deep water 2016 1-Sep-16 5.9 B1 B1 Bigwin East Deep water 2017 3-Jul-17	S3		Price's Point	Deep water		1-Jul-16	6.1				
S3 FD S3 Price's Point Deep water 2016 1-Aug-16 6.2 0 8 bs S3 S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 14-Aug-16 4.1 S3 S3 Price's Point Deep water 2016 1-Sep-16 5.9 B1 Bigwin East Deep water 2017 3-Jul-17 3-Jul-17											
S3 S3 Price's Point Deep water 2016 1-Aug-16 3.9 3 5 S3 S3 Price's Point Deep water 2016 14-Aug-16 4.1 4.1 S3 S3 Price's Point Deep water 2016 1-Sep-16 5.9 B1 B1 Bigwin East Deep water 2017 3-Jul-17								1		.	
S3 S3 Price's Point Deep water 2016 14-Aug-16 4.1 S3 S3 Price's Point Deep water 2016 1-Sep-16 5.9 B1 B1 Bigwin East Deep water 2017 3-Jul-17										bs	
S3 S3 Price's Point Deep water 2016 1-Sep-16 5.9 B1 B1 Bigwin East Deep water 2017 3-Jul-17								3	5	1	
B1 B1 Bigwin East Deep water 2017 3-Jul-17								+		 	-
							ა.ყ	+		1	
	B1	B1	Bigwin East	Deep water	2017	23-Jul-17	8.3	1		t	1

Site Code	Site	Site Name	Site Type	Year	Date	Total	E. coli	Total	Bad	Outlier
B1	B1	Bigwin East	Deep water	2017	7-Aug-17	7.7	1	8	Dau	Outilei
B1 FD	B1	Bigwin East	Deep water	2017	7-Aug-17		1	11		
B1	B1	Bigwin East	Deep water	2017	21-Aug-17	5.9				
B1 FD	B1	Bigwin East	Deep water	2017	21-Aug-17	5.3				
B1 B2	B1 B2	Bigwin East Fairview	Deep water Deep water	2017 2017	1-Sep-17 3-Jul-17	4.8 5.5				_
B2	B2	Fairview	Deep water	2017	23-Jul-17	10.4				Х
B2	B2	Fairview	Deep water	2017	7-Aug-17	6.3	1	22		
B2 F/D	B2	Fairview	Deep water	2017	7-Aug-17	7.5	1	28		
B2 lab results	B2	Fairview	Deep water	2017	7-Aug-17		2	500		
B2 B2	B2 B2	Fairview Fairview	Deep water Deep water	2017 2017	21-Aug-17 1-Sep-17	5.1 5.0				-
B2 F/D	B2	Fairview	Deep water	2017	1-Sep-17	5.7				
B3	В3	Bigwin North	Disturbed	2017	3-Jul-17	5.8				
B3	B3	Bigwin North	Disturbed	2017	7-Aug-17	6.6	8	52		
B3	B3	Bigwin North	Disturbed Disturbed	2017	21-Aug-17	5.1				
B3 F/D B3	B3 B3	Bigwin North Bigwin North	Disturbed	2017 2017	21-Aug-17 1-Sep-17	5.4 6.3				-
B5	B5	Bigwin Bay	Disturbed	2017	3-Jul-17	5.3				
B5	B5	Bigwin Bay	Disturbed	2017	23-Jul-17	5.6				
B5	B5	Bigwin Bay	Disturbed	2017	7-Aug-17	5.8	5	43		
B5 B5	B5 B5	Bigwin Bay Bigwin Bay	Disturbed Disturbed	2017 2017	21-Aug-17 1-Sep-17	5.4 4.9	-		-	
E1	E1	Trading Bay	Disturbed Deep water	2017	3-Jul-17	6.9	+		-	
E1	E1	Trading Bay	Deep water	2017	23-Jul-17	5.6				
E1	E1	Trading Bay	Deep water	2017	7-Aug-17	7.2	3	17		
E1 F/D	E1	Trading Bay	Deep water	2017	7-Aug-17		3	22	<u> </u>	\vdash
E1 F/D	E1 E1	Trading Bay Trading Bay	Deep water Deep water	2017 2017	21-Aug-17 21-Aug-17	11.1 6.1			bs	
E1 F/D	E1	Trading Bay Trading Bay	Deep water Deep water	2017	1-Sep-17	6.6			 	\vdash
E1	E1	Trading Bay	Deep water	2017	1-Sep-17	4.9				
E13	E13	Haystack Bay	Deep water	2017	3-Jul-17	10.3				
E13	E13	Haystack Bay	Deep water	2017	23-Jul-17	5.7	<u> </u>			
E13 E13 lab results	E13 E13	Haystack Bay Haystack Bay	Deep water Deep water	2017 2017	7-Aug-17 7-Aug-17	10.2	5 9	52 600	-	
E13 lab results	E13	Haystack Bay	Deep water	2017	21-Aug-17	7.9	9	600	-	
E13	E13	Haystack Bay	Deep water	2017	1-Sep-17	7.1				
E18	E18	Hollow River	River	2017	3-Jul-17	6.4				
E18	E18	Hollow River	River	2017	23-Jul-17	7.4				
E18 F/D E18	E18 E18	Hollow River Hollow River	River River	2017 2017	23-Jul-17 7-Aug-17	7.3 11.4	8	80	-	
E18	E18	Hollow River	River	2017	21-Aug-17	5.8	0	80		
E18	E18	Hollow River	River	2017	1-Sep-17	15.9				
E25	E25	Narrows West	Nearshore	2017	3-Jul-17	6.2				
E25 F/D	E25	Narrows West	Nearshore	2017	3-Jul-17	12.7			bs	
E25 E25	E25 E25	Narrows West Narrows West	Nearshore Nearshore	2017 2017	23-Jul-17 7-Aug-17	6.1 8.6	11	52		х
E25	E25	Narrows West	Nearshore	2017	21-Aug-17	6.1	11	JZ		^
E25 F/D	E25	Narrows West	Nearshore	2017	21-Aug-17	29.5			bs	
E25	E25	Narrows West	Nearshore	2017	1-Sep-17	5.5				
E30	E30	Ten Mile Bay	Deep water	2017	3-Jul-17	9.5				х
E30 E30	E30 E30	Ten Mile Bay Ten Mile Bay	Deep water Deep water	2017 2017	23-Jul-17 7-Aug-17	5.7 5.8	1	8		-
E30	E30	Ten Mile Bay	Deep water	2017	21-Aug-17	5.3	'			
E30	E30	Ten Mile Bay	Deep water	2017	1-Sep-17	5.7				
N1	N1	Dwight Bay	Deep water	2017	3-Jul-17	6.3				
N1	N1	Dwight Bay	Deep water	2017	23-Jul-17	13.0				
N1 F/D N1	N1 N1	Dwight Bay Dwight Bay	Deep water Deep water	2017 2017	23-Jul-17 7-Aug-17	15.5 7.0	1	5	+	
N1	N1	Dwight Bay	Deep water	2017	21-Aug-17	6.9	<u> </u>			
N1	N1	Dwight Bay	Deep water	2017	1-Sep-17	15.4				Х
N2	N2	Oxtongue River	River	2017	3-Jul-17	10.4				
N2 N2	N2 N2	Oxtongue River Oxtongue River	River River	2017 2017	23-Jul-17 7-Aug-17	9.1 7.2	1		1	
N2 F/D	N2	Oxtongue River	River	2017	7-Aug-17 7-Aug-17	8.2	5	80	1	
N2	N2	Oxtongue River	River	2017	21-Aug-17	8.6				
N2 F/D	N2	Oxtongue River	River	2017	21-Aug-17	7.4				
N2	N2	Oxtongue River	River	2017	1-Sep-17 3-Jul-17	9.3	1		1	
N10 N10	N10 N10	Gull Rock Gull Rock	Deep water Deep water	2017 2017	3-Jul-17 23-Jul-17	7.0			+	\vdash
N10	N10	Gull Rock	Deep water	2017	7-Aug-17	5.0	1	17		
N10	N10	Gull Rock	Deep water	2017	21-Aug-17	6.2				
N10 F/D	N10	Gull Rock	Deep water	2017	21-Aug-17	4.9				
N10 N11	N10 N11	Gull Rock Britannia	Deep water Disturbed	2017 2017	1-Sep-17 3-Jul-17	6.5 5.0	1		1	
N11	N11	Britannia	Disturbed	2017	23-Jul-17	5.5			1	
N11	N11	Britannia	Disturbed	2017	7-Aug-17	6.3	3	47	<u> </u>	
N11	N11	Britannia	Disturbed	2017	21-Aug-17	5.0				
N11	N11	Britannia	Disturbed	2017	1-Sep-17	5.8	1		1	
N11 F/D N13	N11 N13	Britannia Moffat's	Disturbed Nearshore	2017 2017	1-Sep-17 3-Jul-17	5.3 6.3			+	\vdash
N13 F/D	N13	Moffat's	Nearshore	2017	3-Jul-17	7.1			1	
N13	N13	Moffat's	Nearshore	2017	23-Jul-17					
N13	N13	Moffat's	Nearshore	2017	7-Aug-17	4.8	3	80		
N13 lab results	N13	Moffat's	Nearshore	2017	7-Aug-17		4	600	1	
N13 N13	N13 N13	Moffat's Moffat's	Nearshore Nearshore	2017 2017	21-Aug-17 1-Sep-17	5.5 5.1			1	\vdash
N24	N24	Boothby's	Nearshore	2017	3-Jul-17	5.6				
t	· · · · · · ·						•		•	

Site Code	Site	Site Name	Site Type	Year	Date	Total	E. coli	Total	Bad	Outlier
N24	N24	Boothby's	Nearshore	2017	7-Aug-17	4.9				
N24 F/D	N24	Boothby's	Nearshore	2017	7-Aug-17	5.1	5	166		
N24 lab results	N24	Boothby's	Nearshore	2017	7-Aug-17		5	800		
N24	N24	Boothby's	Nearshore	2017	21-Aug-17	8.5				
N24	N24	Boothby's	Nearshore	2017	1-Sep-17	5.0				
N26	N26	Portage Bay	Deep water	2017	3-Jul-17	11.4				
N26	N26	Portage Bay	Deep water	2017	23-Jul-17	8.1				
N26	N26	Portage Bay	Deep water	2017	7-Aug-17	5.8	5	47		
N26 F/D	N26	Portage Bay	Deep water	2017	7-Aug-17	5.5				
N26	N26	Portage Bay	Deep water	2017	21-Aug-17	5.9				
N26	N30	Portage Bay	Deep water	2017	1-Sep-17	9.6				
N30	N30	Oxtongue Delta	River	2017	3-Jul-17	10.9				
N30 F/D	N30	Oxtongue Delta	River	2017	3-Jul-17	11.4				
N30	N30	Oxtongue Delta	River	2017	23-Jul-17	8.5				
N30	N30	Oxtongue Delta	River	2017	7-Aug-17	7.7	11	80		
N30	N30	Oxtongue Delta	River	2017	21-Aug-17	7.8				
N30	N30	Oxtongue Delta	River	2017	1-Sep-17	9.3				
S1	S1	Adamson's Island	Nearshore	2017	3-Jul-17	4.2				
S1	S1	Adamson's Island	Nearshore	2017	23-Jul-17	4.7				
S1	S1	Adamson's Island	Nearshore	2017	7-Aug-17	5.5	5	17		
S1	S1	Adamson's Island	Nearshore	2017	21-Aug-17	5.9				
S1 F/D	S1	Adamson's Island	Nearshore	2017	21-Aug-17	4.3				
S1	S1	Adamson's Island	Nearshore	2017	1-Sep-17	11.2			bs	
S1 F/D	S1	Adamson's Island	Nearshore	2017	1-Sep-17	4.6				
S2	S2	Menominee Bay	Nearshore	2017	3-Jul-17	4.6				
S2	S2	Menominee Bay	Nearshore	2017	23-Jul-17	4.8				
S2	S2	Menominee Bay	Nearshore	2017	7-Aug-17	5.6	8	22		
S2	S2	Menominee Bay	Nearshore	2017	21-Aug-17	5.1				
S2	S2	Menominee Bay	Nearshore	2017	1-Sep-17	8.6				
S3	S3	Price's Point	Deep water	2017	3-Jul-17	4.5				
S3 F/D	S3	Price's Point	Deep water	2017	23-Jul-17	8.5			bs	
S3	S3	Price's Point	Deep water	2017	23-Jul-17	5.4				
S3	S3	Price's Point	Deep water	2017	7-Aug-17	5.1	3	13		
S3 F/D	S3	Price's Point	Deep water	2017	7-Aug-17	4.3	1	16	Ì	
S3	S3	Price's Point	Deep water	2017	21-Aug-17	7.0				
S3	S3	Price's Point	Deep water	2017	1-Sep-17	4.9				