

*Unama'ki Institute  
of Natural Resources*

Eskasoni • Membertou • Potlotek • Wagmatcook • We'koqma'q  
Unama'ki Cape Breton First Nations

Eskasoni

# Drinking Water Quality Report

2004-2005



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## ***Community Based Water Monitoring Program***

The First Nation Water Management Strategy and Community Water Monitoring Program were developed in collaboration with Health Canada's First Nation & Inuit Health Branch (FNIB), Environment Canada, Indian & Northern Affairs Canada (INAC) and First Nations.

First Nation & Inuit Health Branch (FNIB) Community Environment Officers do not have the manpower to adequately monitor drinking water quality in all First Nation communities. As a result, the Community Based Water Monitoring Program for Atlantic First Nations was developed. Through this program, capacity was built within First Nation communities to test water, enter data, and follow certain protocols when test results fall outside stringent criteria to ensure that drinking water is safe for their community.

All community based water monitors have undergone formal training at the Nova Scotia Community College, Truro, Nova Scotia through training program developed by Health Canada, FNIB and Anthony Nevin Management Solutions (ANMS). This training consists of practical and written evaluations in all sampling, testing and reporting techniques, protocols and regulations. An annual audit on their performance is conducted by Health Canada. One full year of on-site training combined with six weeks of one interval classroom instruction prepares operators for the Level I Certification in Water Distribution examination. The training module consists of:

- Basic properties of water and the hydrologic cycle
- Water contamination and its effects
- Providing a safe water supply to the communities
- Guidelines for Canadian Drinking Water Quality
- Maximum Acceptable Concentrations (MACs) and Interim Maximum Acceptable Concentrations (IMACs)
- The importance of safe drinking water
- Learning about the different types of microorganisms (pathogens, bacteria, viruses, protozoa), how they affect the community and where they come from
- Types of disinfectants and proper usage
- Proper use of instruments
- Turbidity control
- Sampling methods & recommendations
- Lab analysis and reporting results
- Corrective actions to be taken when bacteria present
- The importance of accurate record keeping
- Roles and responsibilities of being a Community Based Water Monitor

Observable characteristics, sources, health implications and treatments for a variety of chemicals are also included. The value of treating drinking water and the types of treatment are integrated as well. Furthermore, well construction and disinfection are covered in addition to well maintenance and troubleshooting.

## ***Sampling***

Health Canada monitors the water quality supply at various locations throughout Eskasoni. This is done on a monthly basis. Chlorine residual, however, is not tested. Andrew Lafford and Patrick Jeddore are the Community Based Water Monitors for Eskasoni. These individuals sample Eskasoni's drinking water throughout the year from 8 sample stations in the community (Figure 1).

## ***Water Source for Eskasoni***

Drinking water for the Eskasoni Reserve was formerly provided through surface water means from Indian Brook. Currently, groundwater resources are provided from three separate wells. All homes and facilities are serviced by three separate pumping stations. They are found on Mountain Road, Spencer's Lane and Christmas Brook and can feed the central distribution system for the whole Reserve. Due to vandalism, the station at Mountain Road is not in use although the stations at Christmas Brook and Spencer's Lane are fully operational.

The Christmas Brook and Spencer's Lane stations are disinfected by injection of a mixture of sodium hypochlorite and water, but the only unit being used is the one located at Christmas Brook. Chlorine residual is monitored very infrequently although they seek to maintain a residual in the positive range in all parts of the system.

## ***Acceptable Criteria for Drinking Water***

Acceptable ranges for free available chlorine (FAC).

Recommended (FAC) limits are as follows:

- NS – min 0.2 mg/L, max 4 mg/L;
- PEI – no recommended chlorine levels;
- NB – min 0.1 mg/L (optimally 0.2 mg/L);
- Nfld – a measurable level.

Turbidity, which is measured in units called nephelometric turbidity units, NTUs has a maximum allowable concentration (MAC) of 1 NTU for treated water leaving the water treatment plant and entering the distribution system. A less stringent aesthetic objective value of 5 NTUs at the point of consumption (distribution system) may be used.

No sample should contain *E. coli* or other coliform bacteria. The goal is 0 total coliform and 0 *E. coli* or non-detectable.

# Eskasoni First Nation

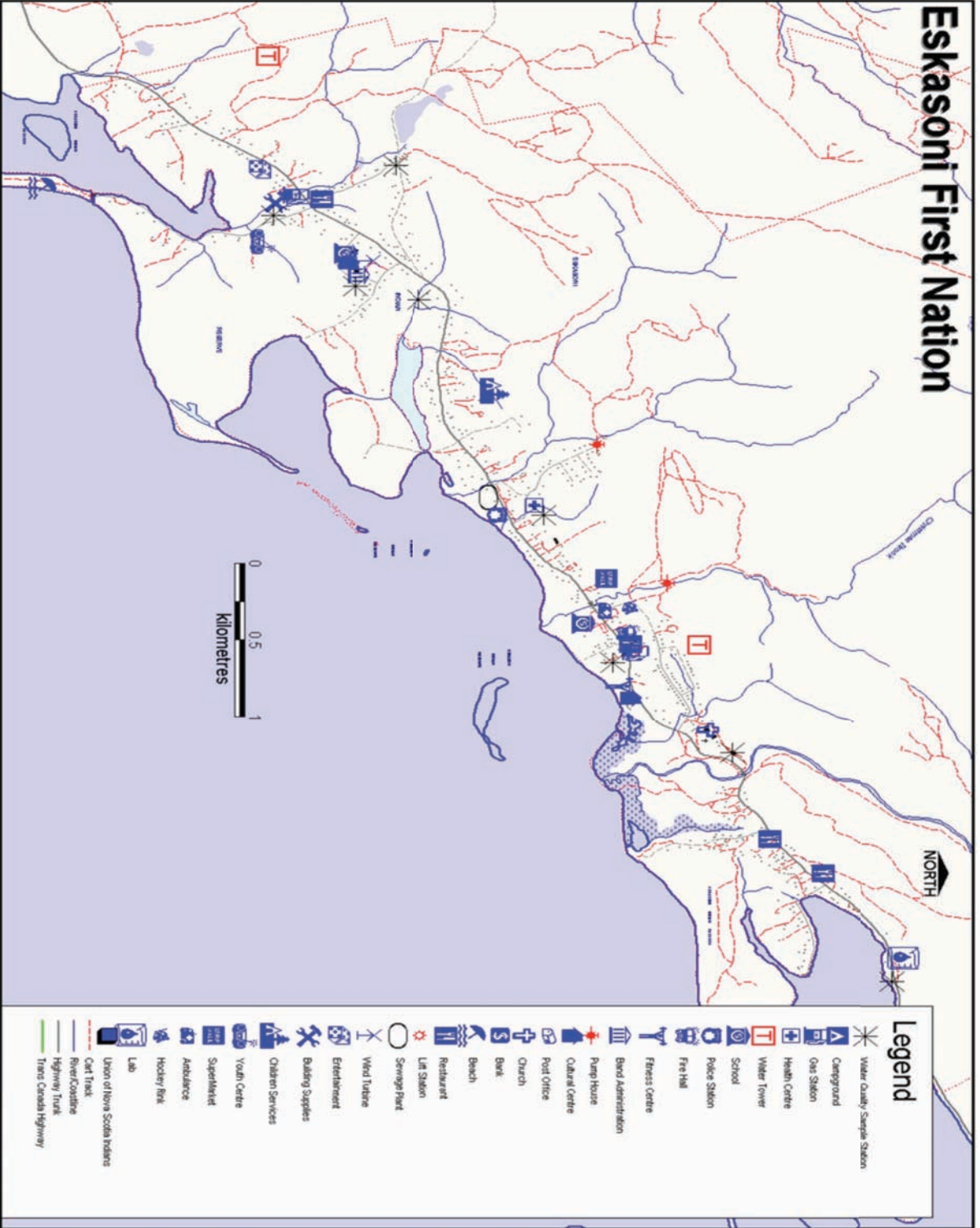


Figure 1. Map of sample station locations in Eskasoni.

## ***Methodology***

Sampling collection and processing for the presence/absence procedure for total coliforms and *E. coli*, Quanti-Tray (MPN) Procedure, Free Chlorine Procedure, Total Chlorine Procedure, and Turbidity are outlined in this report.

### ***Presence/Absence Procedure***

The colilert reagent (powder) is used to detect the presence of both total coliforms and *E. coli*. The method uses a reagent that when metabolized by total coliforms yields a yellow color and when metabolized by *E. coli* produces a bluish fluorescence when illuminated by an ultraviolet light. This test detects the presence or absence of total coliforms and *E. coli*, but not actual quantities.

- Run water for a couple minutes.
- If the water is chlorinated, collect sample using a bottle containing sodium thiosulfate.
- Fill the bottle to the 100 mL mark.
- Detach a snap pack of reagent and shake to dissolve any Colilert reagent that may have settled to the bottom.
- Open the snap pack by breaking along the dotted line, being careful not to touch the opening.
- Pour the reagent into the sample of water to be tested.
- Shake the bottle until the reagent is completely dissolved.
- Incubate sample for 24 hours at 35°C  $\pm$  0.5°C.
- Interpret the results after 24 hours.

If the water remains clear, the test is negative for fecal coliform. There is no yellow discoloration. If the water has a yellow discoloration, the test is positive for total coliform. The test is positive for *E. coli* when a bluish fluorescence is visible under illumination by an ultraviolet light at a distance of 12 cm.

### ***Quanti-Tray (MPN) Procedure***

- Run water for a couple minutes.
- If the water is chlorinated, collect sample using a bottle containing sodium thiosulfate.
- Fill the bottle to the 100 mL mark.
- Detach a snap pack of reagent and shake to dissolve any Colilert reagent that may have settled to the bottom.
- Open the snap pack by breaking along the dotted line, being careful not to touch the opening.
- Pour the reagent into the sample of water to be tested.
- Shake the bottle until the reagent is completely dissolved.
- Pour the sample into a Quanti-Tray being careful not to contaminate the tray with your hands.
- Seal the tray using the Quanti-Tray sealer.
- Incubate sample for 24 hours at 35°C  $\pm$  0.5°C.

- Interpret the results after 24 hours.

The test is negative if there is no coloration. The test is positive for total coliform, if yellow wells are present. Count the number of yellow wells and refer to the most probable number (MPN) table. The test is positive for *E. coli* when a bluish fluorescence is visible under illumination by an ultraviolet light at a distance of 12 cm. Count the number of bluish fluorescent wells and refer to the MPN table.

### ***Free Chlorine Procedure***

- Run water for a couple minutes.
- Fill a bottle to the 10 mL mark.
- Carefully dry the bottle with a lint free cloth to remove any trace of liquid or fingerprints.
- Remove the cover from the Chlorine Digital Test instrument.
- Place the sample bottle in the measuring chamber with the diamond-shaped marker facing towards the front of the instrument.
- Place the instrument's cover in position and press ZERO. The instrument lights up and the display should read 0.00.
- Remove the bottle from the measuring chamber.
- Fill a bottle to the 10 mL mark containing the water sample to be tested.
- To this bottle, add the contents of a packet of DPD reagent for free chlorine, or from your Colilert EZ DPD dispenser.
- Cover the bottle and shake it for 20 seconds. Some un-dissolved powder will not affect the test result.
- Carefully dry the bottle with a lint free cloth to remove any trace of liquid or fingerprints.
- Place the sample bottle in the measuring chamber with the diamond-shaped marker facing towards the front of the instrument within one minute of adding the reagent.
- Place the instrument's cover in position enclosing the bottle.
- Press READ. The instrument displays the result of the sample for free chlorine in mg/L.

### ***Total Chlorine Procedure***

- Run water for a couple minutes.
- Fill a bottle to the 10 mL mark.
- Carefully dry the bottle with a lint free cloth to remove any trace of liquid or fingerprints.
- Remove the cover from the Chlorine Digital Test instrument.
- Place the sample bottle in the measuring chamber with the diamond-shaped marker facing towards the front of the instrument.
- Place the instrument's cover in position and press ZERO. The instrument lights up and the display should read 0.00.
- Remove the bottle from the measuring chamber.
- Fill a bottle to the 10 mL mark containing the water sample to be tested.
- To this bottle, add the contents of a packet of DPD reagent for total chlorine.



- Cover the bottle and shake it for 20 seconds. Some un-dissolved powder will not affect the test result.
- Carefully dry the bottle with a lint free cloth to remove any trace of liquid or fingerprints.
- Place the sample bottle in the measuring chamber with the diamond-shaped marker facing towards the front of the instrument at least 3 minutes later, but no more than 6 minutes later.
- Place the instrument's cover in position enclosing the bottle.
- Press READ. The instrument displays the result of the sample for free chlorine in mg/L.

### ***Turbidity***

- Place the turbidimeter on a stable flat surface. Do not hold the instrument in your hand when taking measurements.
- Run water for a couple minutes before taking a sample.
- Fill a bottle, taking care to hold it by the neck. Screw on the lid.
- Carefully dry the bottle with a lint free cloth to remove any trace of liquid or fingerprints.
- Apply a thin film of silicone oil to the outside of the sample bottle.
- Wipe with a soft cloth to obtain a uniform film over the entire surface.
- Press  $\frac{1}{O}$  on the turbidimeter.
- Place the bottle in the measuring chamber, aligning the diamond-shaped mark on the bottle with the index on the front of the measuring chamber.
- Place the instrument's cover in position and press RANGE to choose the automatic mode AUTO RNG.
- Press READ. The display will indicate –NTU, then the turbidity reading in NTU. Press SIGNAL AVERAGE if the reading is unstable.
- Press  $\frac{1}{O}$  to turn instrument off.

Analysis of data was provided by Health Canada's WaterTrax database. Data was re-formatted to the tables used in this report.

No additional data was entered or modified from its original entry. Comments, however, were omitted. The data present in this report does not include data that was not entered into the WaterTrax database, therefore some results may be absent for the sampling period.

### ***Results***

During 2004, there was one exceedance for chlorine (Tables 1 and 4) in Eskasoni East (Rink Road pumphouse). There were no exceedances for *E. coli* (Tables 1 and 2), total coliform (Tables 1 and 3) or turbidity (Tables 5 and 6). For greater detail in locations and dates of exceedances in 2004, please refer to Table 4.

In 2005, there were three instances where chlorine was below acceptable limits (Tables 7A, 7B, 10A and 10B). There were no samples for *E. coli* (Tables 8A and 8B), turbidity (Tables 11A and 11B) or total coliforms (Tables 1A, 1B, 3A and 3B) that were outside

the acceptable limits. For further information on sample locations and dates of exceedances in 2005, please refer to Tables 10A and 10B.

Table 1A. Summary of drinking water quality sampling results for Eskasoni East in 2004.

Sample Type	# Samples	# Detects	# Non-Detects	# Exceedances	Min.	Max.	Average	Unit
Chlorine (Free)	22	21	1	1	0.00	0.78	0.30	mg/L
E. coli	50	0	50	0	0	<1	0	MPN/100 mL
Total Coliform	50	0	50	0	0	<1	0	MPN/100 mL

Table 1B. Summary of drinking water quality sampling results for Eskasoni West in 2004.

Sample Type	# Samples	# Detects	# Non-Detects	# Exceedances	Min.	Max.	Average	Unit
Chlorine (Free)	19	19	0	0	0.17	1.17	0.69	mg/L
E. coli	51	0	51	0	0	<1	0	MPN/100 mL
Total Coliform	51	0	51	0	0	<1	0	MPN/100 mL

Table 2A. Results for *E. coli* counts for Eskasoni East in 2004. **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "<<" = less than number shown (Detected), ">>" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	E. coli (MPN/ 100 mL)
	04/06/2004	Elementary School (4675 Shore Road)	<1
	04/06/2004	Day Care (4531 Shore Road)	<1
	04/06/2004	Mi'kmaq Lodge (Shore Road)	<1
	04/06/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	04/15/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	04/15/2004	Elementary School (4675 Shore Road)	<1
	04/15/2004	Day Care (4531 Shore Road)	<1
	04/15/2004	Mi'kmaq Lodge (Shore Road)	<1
	04/20/2004	Unama'ki Fish and Wildlife (Shore Road)	<1

	04/20/2004	Day Care (4531 Shore Road)	<1
	04/20/2004	High School (Arena Road)	<1
	04/20/2004	Mi'kmaq Lodge (Shore Road)	<1
	04/29/2004 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	04/29/2004 13:00	Elementary School (4675 Shore Road)	<1
	04/29/2004 13:00	Morris Pizza (Shore Road)	<1
	04/29/2004 13:00	Mi'kmaq Lodge (Shore Road)	<1
	06/08/2004	Day Care (4531 Shore Road)	0
	06/08/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	06/08/2004 13:48	Unama'ki Fish and Wildlife (Shore Road)	<1
	06/08/2004 13:48	Day Care (4531 Shore Road)	<1
	06/08/2004 13:48	High School (Arena Road)	<1
	06/08/2004 13:48	Mi'kmaq Lodge (Shore Road)	<1
	06/21/2004	Elementary School (4675 Shore Road)	0
	06/21/2004	Mi'kmaq Lodge (Shore Road)	0
	06/21/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/02/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	07/02/2004	High School (Arena Road)	<1
	07/02/2004	Mi'kmaq Lodge (Shore Road)	<1
	07/02/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/06/2004	Mi'kmaq Lodge (Shore Road)	0
	07/06/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/07/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	07/07/2004	Morris Pizza (Shore Road)	<1
	07/07/2004	High School (Arena Road)	<1
	07/07/2004	Mi'kmaq Lodge (Shore Road)	<1
	07/07/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/08/2004	Mi'kmaq Lodge (Shore Road)	0
	08/03/2004	Mi'kmaq Lodge (Shore Road)	0
	08/03/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	08/04/2004	Elementary School (4675 Shore Road)	<1
	08/04/2004	Day Care (4531 Shore Road)	<1
	08/04/2004	Mi'kmaq Lodge (Shore Road)	<1
	08/04/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	09/07/2004	Elementary School (4675 Shore Road)	0
	09/07/2004	Mi'kmaq Lodge (Shore Road)	0
	09/07/2004	Unama'ki Fish and Wildlife (Shore Road)	0

	11/17/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	11/17/2004	Morris Pizza (Shore Road)	<1
	11/17/2004	High School (Arena Road)	<1
	11/17/2004	Mi'kmaq Lodge (Shore Road)	<1

Table 2B. Results for *E. coli* counts for Eskasoni West in 2004. **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "«" = less than number shown (Detected), "»" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	E. coli (MPN/ 100 mL)
	04/06/2004	Health Center (Spencer's Lane)	<1
	04/06/2004	Band Office (Mini Mall Drive)	<1
	04/06/2004	Francis, Mary C. (074 Anslum)	<1
	04/06/2004	Young, Charlton (Shore Road)	<1
	04/15/2004	Health Center (Spencer's Lane)	<1
	04/15/2004	Band Office (Mini Mall Drive)	<1
	04/15/2004	C.J.'s Pool Hall (4275 Shore Rd.)	<1
	04/15/2004	Young, Charlton (Shore Road)	<1
	04/20/2004	Health Center (Spencer's Lane)	<1
	04/20/2004	Band Office (Mini Mall Drive)	<1
	04/20/2004	Young, Charlton (Shore Road)	<1
	04/20/2004	Muin Gas Bar (199 Eskasoni Road)	<1
	04/29/2004	Health Center (Spencer's Lane)	<1
	04/29/2004	Jeddore, Andrew (5279 Mountain Rd.)	<1
	04/29/2004	Sylliboy, Fred (Shore Road)	<1
	04/29/2004	Muin Gas Bar (199 Eskasoni Road)	<1
	06/08/2004	Health Center (Spencer's Lane)	0
	06/08/2004	Band Office (Mini Mall Drive)	0
	06/08/2004	Health Center (Spencer's Lane)	<1
	06/08/2004	Band Office (Mini Mall Drive)	<1
	06/08/2004	Young, Charlton (Shore Road)	<1
	06/08/2004	Sylliboy, Fred (Shore Road)	<1
	06/21/2004	Unama'ki RCMP	0
	06/21/2004	Band Office (Mini Mall Drive)	0
	06/21/2004	Muin Gas Bar (199 Eskasoni Road)	0
	07/02/2004	Health Center (Spencer's Lane)	0

	07/02/2004	Health Center (Spencer's Lane)	<1
	07/02/2004	Band Office (Mini Mall Drive)	0
	07/02/2004	Band Office (Mini Mall Drive)	<1
	07/02/2004	Young, Charlton (Shore Road)	<1
	07/02/2004	Bernard, John (236 Castle Bay Rd.)	<1
	07/02/2004	Paul, Aaron (27 Shore Road)	<1
	07/06/2004	Health Center (Spencer's Lane)	0
	07/06/2004	Unama'ki RCMP	0
	07/06/2004	Band Office (Mini Mall Drive)	0
	07/06/2004	Muin Gas Bar (199 Eskasoni Road)	0
	07/07/2004	Health Center (Spencer's Lane)	0
	07/07/2004	Health Center (Spencer's Lane)	<1
	07/07/2004	Band Office (Mini Mall Drive)	0
	07/07/2004	Band Office (Mini Mall Drive)	<1
	07/07/2004	Young, Charlton (Shore Road)	<1
	07/07/2004	Sylliboy, Fred (Shore Road)	<1
	08/03/2004	Health Center (Spencer's Lane)	0
	08/03/2004	Unama'ki RCMP	0
	08/03/2004	Band Office (Mini Mall Drive)	0
	08/03/2004	Muin Gas Bar (199 Eskasoni Road)	0
	08/04/2004	Band Office (Mini Mall Drive)	<1
	09/07/2004	Unama'ki RCMP	0
	09/07/2004	Band Office (Mini Mall Drive)	0
	09/07/2004	Muin Gas Bar (199 Eskasoni Road)	0
	11/17/2004	Health Center (Spencer's Lane)	<1

Table 3A. Results for total coliform counts for Eskasoni East in 2004.

**Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "<<" = less than number shown (Detected), ">>" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Total Coliform (MPN/ 100mL)
	04/06/2004	Elementary School (4675 Shore Road)	<1
	04/06/2004	Day Care (4531 Shore Road)	<1
	04/06/2004	Mi'kmaq Lodge (Shore Road)	<1
	04/06/2004	Unama'ki Fish and Wildlife (Shore Road)	<1

	04/15/2004	Elementary School (4675 Shore Road)	<1
	04/15/2004	Day Care (4531Shore Road)	<1
	04/15/2004	Mi'kmaq Lodge (Shore Road)	<1
	04/15/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	04/20/2004	Day Care (4531Shore Road)	<1
	04/20/2004	High School (Arena Road)	<1
	04/20/2004	Mi'kmaq Lodge (Shore Road)	<1
	04/20/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	04/29/2004 13:00	Elementary School (4675 Shore Road)	<1
	04/29/2004 13:00	Morris Pizza (Shore Road)	<1
	04/29/2004 13:00	Mi'kmaq Lodge (Shore Road)	<1
	04/29/2004 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	06/08/2004	Day Care (4531Shore Road)	0
	06/08/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	06/08/2004 13:48	Day Care (4531Shore Road)	<1
	06/08/2004 13:48	High School (Arena Road)	<1
	06/08/2004 13:48	Mi'kmaq Lodge (Shore Road)	<1
	06/08/2004 13:48	Unama'ki Fish and Wildlife (Shore Road)	<1
	06/21/2004	Elementary School (4675 Shore Road)	0
	06/21/2004	Mi'kmaq Lodge (Shore Road)	0
	06/21/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/02/2004	High School (Arena Road)	<1
	07/02/2004	Mi'kmaq Lodge (Shore Road)	<1
	07/02/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/02/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	07/06/2004	Mi'kmaq Lodge (Shore Road)	0
	07/06/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/07/2004	High School (Arena Road)	<1
	07/07/2004	Morris Pizza (Shore Road)	<1
	07/07/2004	Mi'kmaq Lodge (Shore Road)	<1
	07/07/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	07/07/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	07/08/2004	Mi'kmaq Lodge (Shore Road)	0

	08/03/2004	Mi'kmaq Lodge (Shore Road)	0
	08/03/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	08/04/2004	Elementary School (4675 Shore Road)	<1
	08/04/2004	Day Care (4531 Shore Road)	<1
	08/04/2004	Mi'kmaq Lodge (Shore Road)	<1
	08/04/2004	Unama'ki Fish and Wildlife (Shore Road)	<1
	09/07/2004	Elementary School (4675 Shore Road)	0
	09/07/2004	Mi'kmaq Lodge (Shore Road)	0
	09/07/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	11/17/2004	High School (Arena Road)	<1
	11/17/2004	Morris Pizza (Shore Road)	<1
	11/17/2004	Mi'kmaq Lodge (Shore Road)	<1
	11/17/2004	Unama'ki Fish and Wildlife (Shore Road)	<1

Table 3B. Results for total coliform counts for Eskasoni West in 2004.

**Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "<<" = less than number shown (Detected), ">>" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Total Coliform (MPN/100mL)
	04/06/2004	Health Center (Spencer's Lane)	<1
	04/06/2004	Francis, Mary C. (074 Anslum)	<1
	04/06/2004	Band Office (Mini Mall Drive)	<1
	04/06/2004	Young, Charlton (Shore Road)	<1
	04/15/2004	Health Center (Spencer's Lane)	<1
	04/15/2004	Band Office (Mini Mall Drive)	<1
	04/15/2004	C.J.'s Pool Hall (4275 Shore Rd.)	<1
	04/15/2004	Young, Charlton (Shore Road)	<1
	04/20/2004	Health Center (Spencer's Lane)	<1
	04/20/2004	Band Office (Mini Mall Drive)	<1
	04/20/2004	Young, Charlton (Shore Road)	<1
	04/20/2004	Muin Gas Bar (199 Eskasoni Road)	<1
	04/29/2004	Health Center (Spencer's Lane)	<1
	04/29/2004	Sylliboy, Fred (Shore Road)	<1

	04/29/2004	Jeddore, Andrew (5279 Mountain Rd.)	<1
	04/29/2004	Muin Gas Bar (199 Eskasoni Road)	<1
	06/08/2004	Health Center (Spencer's Lane)	0
	06/08/2004	Band Office (Mini Mall Drive)	0
	06/08/2004	Health Center (Spencer's Lane)	<1
	06/08/2004	Band Office (Mini Mall Drive)	<1
	06/08/2004	Sylliboy, Fred (Shore Road)	<1
	06/08/2004	Young, Charlton (Shore Road)	<1
	06/21/2004	Unama'ki RCMP	0
	06/21/2004	Band Office (Mini Mall Drive)	0
	06/21/2004	Muin Gas Bar (199 Eskasoni Road)	0
	07/02/2004	Health Center (Spencer's Lane)	0
	07/02/2004	Health Center (Spencer's Lane)	<1
	07/02/2004	Band Office (Mini Mall Drive)	0
	07/02/2004	Band Office (Mini Mall Drive)	<1
	07/02/2004	Young, Charlton (Shore Road)	<1
	07/02/2004	Paul, Aaron (27 Shore Road)	<1
	07/02/2004	Bernard, John (236 Castle Bay Rd.)	<1
	07/06/2004	Unama'ki RCMP	0
	07/06/2004	Band Office (Mini Mall Drive)	0
	07/06/2004	Health Center (Spencer's Lane)	0
	07/06/2004	Muin Gas Bar (199 Eskasoni Road)	0
	07/07/2004	Health Center (Spencer's Lane)	0
	07/07/2004	Health Center (Spencer's Lane)	<1
	07/07/2004	Band Office (Mini Mall Drive)	0
	07/07/2004	Band Office (Mini Mall Drive)	<1
	07/07/2004	Sylliboy, Fred (Shore Road)	<1
	07/07/2004	Young, Charlton (Shore Road)	<1
	08/03/2004	Unama'ki RCMP	0
	08/03/2004	Band Office (Mini Mall Drive)	0
	08/03/2004	Health Center (Spencer's Lane)	0
	08/03/2004	Muin Gas Bar (199 Eskasoni Road)	0
	08/04/2004	Band Office (Mini Mall Drive)	<1
	09/07/2004	Unama'ki RCMP	0
	09/07/2004	Band Office (Mini Mall Drive)	0
	09/07/2004	Muin Gas Bar (199 Eskasoni Road)	0



Table 4A. Chlorine results for Eskasoni East in 2004.

Outside Limits	Date	Sample Location	Chlorine (free) (mg/L)
	04/20/2004	Day Care (4531 Shore Road)	0.07
	04/20/2004	High School (Arena Road)	0.46
	04/20/2004	Unama'ki Fish and Wildlife (Shore Road)	0.24
	04/20/2004	Mi'kmaq Lodge (Shore Road)	0.36
	06/08/2004	Day Care (4531 Shore Road)	0.06
	06/08/2004	Unama'ki Fish and Wildlife (Shore Road)	0.23
	06/08/2004	Day Care (4531 Shore Road)	0.06
	06/08/2004	High School (Arena Road)	0.43
	06/08/2004	Unama'ki Fish and Wildlife (Shore Road)	0.23
	06/08/2004	Mi'kmaq Lodge (Shore Road)	0.36
	07/02/2004	High School (Arena Road)	0.42
	07/02/2004	Unama'ki Fish and Wildlife (Shore Road)	0.13
	07/02/2004	Unama'ki Fish and Wildlife (Shore Road)	0.13
	07/02/2004	Mi'kmaq Lodge (Shore Road)	0.32
	08/04/2004	Elementary School (4675 Shore Road)	0.54
	08/04/2004	Day Care (4531 Shore Road)	0.17
	08/04/2004	Unama'ki Fish and Wildlife (Shore Road)	0.17
	08/04/2004	Mi'kmaq Lodge (Shore Road)	0.31
	11/17/2004	Morris Pizza (Shore Road)	0.39
	11/17/2004	High School (Arena Road)	0.78
*	11/17/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	11/17/2004	Mi'kmaq Lodge (Shore Road)	0.68

Table 4B. Chlorine results for Eskasoni West in 2004.

Outside Limits	Date	Sample Location	Chlorine (free) (mg/L)
	04/20/2004	Band Office (Mini Mall Drive)	0.60
	04/20/2004	Health Center (Spencer's Lane)	0.83
	04/20/2004	Young, Charlton (Shore Road)	0.86
	04/20/2004	Muin Gas Bar (199 Eskasoni Road)	0.60
	06/08/2004	Band Office (Mini Mall Drive)	1.17
	06/08/2004	Health Center (Spencer's Lane)	1.12
	06/08/2004	Band Office (Mini Mall Drive)	1.17
	06/08/2004	Health Center (Spencer's Lane)	1.12

	06/08/2004	Young, Charlton (Shore Road)	0.58
	06/08/2004	Sylliboy, Fred (Shore Road)	0.63
	07/02/2004	Band Office (Mini Mall Drive)	0.56
	07/02/2004	Band Office (Mini Mall Drive)	0.56
	07/02/2004	Health Center (Spencer's Lane)	0.53
	07/02/2004	Health Center (Spencer's Lane)	0.53
	07/02/2004	Young, Charlton (Shore Road)	0.17
	07/02/2004	Bernard, John (236 Castle Bay Rd.)	0.55
	07/02/2004	Paul, Aaron (27 Shore Road)	0.47
	08/04/2004	Band Office (Mini Mall Drive)	0.36
	11/17/2004	Health Center (Spencer's Lane)	0.65

Table 5. Summary of routine physical analysis results for drinking water in Eskasoni (2004).

Sample Type	# Samples	# Detects	# Non-Detects	# Exceedances	Min.	Max.	Average	95th Percentile	Unit
Turbidity (Eskasoni EAST)	4	0	4	0	0	0	0	0	NTU
Turbidity (Eskasoni WEST)	1	0	1	0	0	0	0	N/A	

Table 6A. Results from routine chemical and/or physical samples for drinking water quality in Eskasoni East (2004). **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "<<" = less than number shown (Detected), ">>" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Turbidity (NTU)
	08/04/2004	Day Care (4531 Shore Road)	NT
	08/04/2004	Elementary School (4675 Shore Road)	NT
	08/04/2004	Mi'kmaq Lodge (Shore Road)	NT
	08/04/2004	Unama'ki Fish and Wildlife (Shore Road)	NT

	11/17/2004	Unama'ki Fish and Wildlife (Shore Road)	0
	11/17/2004	Mi'kmaq Lodge (Shore Road)	0
	11/17/2004	High School (Arena Road)	0
	11/17/2004	Morris Pizza (Shore Road)	0

Table 6B. Results from routine chemical and/or physical samples for drinking water quality in Eskasoni East (2004). **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "<<" = less than number shown (Detected), ">>" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Turbidity (NTU)
	08/04/2004	Band Office (Mini Mall Drive)	NT
	11/17/2004	Health Center (Spencer's Lane)	0

Table 7A. Summary of drinking water quality sampling results for Eskasoni East in 2005. A=absent.

Sample Type	# Samples	# Detects	# Non-Detects	# Exceedances	Min.	Max.	Average	Unit
Chlorine (free)	91	91	0	2	0.01	0.93	0.43	Mg/L
E.coli	99	0	98	0	A	<1	N/A	MPN/100 mL
Total coliform	99	0	99	0	A	<1	N/A	MPN/100 mL

Table 7B. Summary of drinking water quality sampling results for Eskasoni West in 2005. A=absent.

Sample Type	# Samples	# Detects	# Non-Detects	# Exceedances	Min.	Max.	Average	Unit
Chlorine (free)	47	47	0	1	0.04	1.03	0.58	Mg/L
E.coli	55	0	55	0	A	<1	N/A	MPN/100 mL
Total coliform	55	0	55	0	A	<1	N/A	MPN/100 mL

Table 8A. Results for *E. coli* counts for Eskasoni East in 2005. **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "«" = less than number shown (Detected), "»" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	<i>E. coli</i> (MPN/ 100 mL)
	01/21/2005	Mi'kmaq Lodge (Shore Road)	<1
	01/21/2005	Mi'kmaq Lodge (Shore Road)	<1
	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	01/21/2005	Elementary School (4675 Shore Road)	<1
	01/21/2005	Elementary School (4675 Shore Road)	<1
	01/21/2005	Day Care (4531 Shore Road)	OG
	01/21/2005	Day Care (4531 Shore Road)	<1
	01/26/2005	Mi'kmaq Lodge (Shore Road)	<1
	01/26/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	01/26/2005	High School (Arena Road)	<1
	02/02/2005	Mi'kmaq Lodge (Shore Road)	<1
	02/02/2005	Mi'kmaq Lodge (Shore Road)	<1
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	02/02/2005	Elementary School (4675 Shore Road)	<1
	02/02/2005	Elementary School (4675 Shore Road)	<1
	02/02/2005	Day Care (4531 Shore Road)	<1
	02/02/2005	Morris Pizza (Shore Road)	<1
	02/10/2005	Mi'kmaq Lodge (Shore Road)	<1
	02/10/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	02/10/2005	Elementary School (4675 Shore Road)	<1
	02/10/2005	Day Care (4531 Shore Road)	<1
	03/02/2005	Mi'kmaq Lodge (Shore Road)	<1
	03/02/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	03/10/2005	Mi'kmaq Lodge (Shore Road)	<1
	03/10/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	03/10/2005	High School (Arena Road)	<1
	06/22/2005 21:00	Mi'kmaq Lodge (Shore Road)	A

06/22/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	A
06/22/2005 21:00	Day Care (4531 Shore Road)	A
06/22/2005 21:00	Morris Pizza (Shore Road)	A
06/29/2005 21:00	Mi'kmaq Lodge (Shore Road)	A
06/29/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	A
06/29/2005 21:00	Day Care (4531 Shore Road)	A
06/29/2005 21:00	Morris Pizza (Shore Road)	A
07/06/2005 22:00	Mi'kmaq Lodge (Shore Road)	A
07/06/2005 22:00	Unama'ki Fish and Wildlife (Shore Road)	A
07/06/2005 22:00	Day Care (4531 Shore Road)	A
07/06/2005 22:00	Morris Pizza (Shore Road)	A
07/13/2005 13:00	Mi'kmaq Law	<1
07/13/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
07/13/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
07/13/2005 13:00	Morris Pizza (Shore Road)	<1
07/13/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
07/20/2005 13:00	Mi'kmaq Law	<1
07/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
07/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
07/20/2005 13:00	Morris Pizza (Shore Road)	<1
07/20/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
07/27/2005 14:00	Mi'kmaq Law	<1
07/27/2005 14:00	Mi'kmaq Lodge (Shore Road)	<1
07/27/2005 14:00	Unama'ki Fish and Wildlife (Shore Road)	<1
07/27/2005 14:00	Morris Pizza (Shore Road)	<1
07/27/2005 14:00	Eskasoni Market (4716 Shore Road)	<1
08/04/2005 13:00	Mi'kmaq Law	<1
08/04/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
08/04/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
08/04/2005 13:00	Morris Pizza (Shore Road)	<1
08/04/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
08/11/2005 13:00	Mi'kmaq Law	<1
08/11/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
08/11/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
08/11/2005 13:00	Morris Pizza (Shore Road)	<1
08/11/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
08/18/2005 13:00	Mi'kmaq Law	<1
08/18/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1

08/18/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
08/18/2005 13:00	Morris Pizza (Shore Road)	<1
08/18/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
08/25/2005 13:00	Mi'kmaq Law	<1
08/25/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
08/25/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
08/25/2005 13:00	Morris Pizza (Shore Road)	<1
08/25/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
09/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
09/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
09/20/2005 13:00	Elementary School (4675 Shore Road)	<1
09/20/2005 13:00	Day Care (4531 Shore Road)	<1
09/20/2005 13:00	Morris Pizza (Shore Road)	<1
09/20/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
10/12/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
10/12/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
10/12/2005 13:00	Elementary School (4675 Shore Road)	<1
10/12/2005 13:00	Day Care (4531 Shore Road)	<1
10/12/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
10/17/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
10/17/2005	Elementary School (4675 Shore Road)	<1
10/17/2005	Eskasoni Market (4716 Shore Road)	<1
10/17/2005	Mi'kmaq Lodge (Shore Road)	<1
11/02/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
11/02/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
11/02/2005 13:00	Elementary School (4675 Shore Road)	<1
11/02/2005 13:00	Day Care (4531 Shore Road)	<1
11/02/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
12/05/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
12/05/2005	Elementary School (4675 Shore Road)	<1
12/05/2005	Eskasoni Market (4716 Shore Road)	<1
12/05/2005	Mi'kmaq Lodge (Shore Road)	<1

Table 8B. Results for *E. coli* counts for Eskasoni West in 2005. **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "«" = less than

number shown (Detected), ">" = greater than number shown (Detected), \*  
Criteria Exceeded.

<b>Outside Limits</b>	<b>Date</b>	<b>Sample Location</b>	<b>E. coli (MPN/ 100 mL)</b>
	01/21/2005	Health Center (Spencer's Lane)	<1
	01/21/2005	Health Center (Spencer's Lane)	<1
	01/26/2005	Health Center (Spencer's Lane)	<1
	01/26/2005	Band Office (Mini Mall Drive)	<1
	02/02/2005	Unama'ki RCMP	<1
	02/02/2005	Health Center (Spencer's Lane)	<1
	02/02/2005	Health Center (Spencer's Lane)	<1
	02/02/2005	Band Office (Mini Mall Drive)	<1
	02/02/2005	Band Office (Mini Mall Drive)	<1
	02/02/2005	Young, Charlton (Shore Road)	<1
	02/02/2005	Young, Charlton (Shore Road)	<1
	02/10/2005	Health Center (Spencer's Lane)	<1
	02/10/2005	Band Office (Mini Mall Drive)	<1
	02/10/2005	Young, Charlton (Shore Road)	<1
	03/02/2005	Health Center (Spencer's Lane)	<1
	03/02/2005	Band Office (Mini Mall Drive)	<1
	03/02/2005	Young, Charlton (Shore Road)	<1
	03/10/2005	Health Center (Spencer's Lane)	<1
	03/10/2005	Band Office (Mini Mall Drive)	<1
	07/06/2005 22:00	Band Office (Mini Mall Drive)	A
	07/13/2005 13:00	Health Center (Spencer's Lane)	<1
	07/13/2005 13:00	Band Office (Mini Mall Drive)	<1
	07/13/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	07/13/2005 21:00	Band Office (Mini Mall Drive)	A
	07/20/2005 13:00	Health Center (Spencer's Lane)	<1
	07/20/2005 13:00	Band Office (Mini Mall Drive)	<1
	07/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	07/27/2005 13:00	Health Center (Spencer's Lane)	<1
	07/27/2005 13:00	Band Office (Mini Mall Drive)	<1
	07/27/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	08/04/2005 13:00	Health Center (Spencer's Lane)	<1
	08/04/2005 13:00	Band Office (Mini Mall Drive)	<1
	08/04/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1

	08/11/2005 13:00	Health Center (Spencer's Lane)	<1
	08/11/2005 13:00	Band Office (Mini Mall Drive)	<1
	08/11/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	08/18/2005 13:00	Health Center (Spencer's Lane)	<1
	08/18/2005 13:00	Band Office (Mini Mall Drive)	<1
	08/18/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	09/20/2005 13:00	Band Office (Mini Mall Drive)	<1
	09/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	10/12/2005 13:00	Health Center (Spencer's Lane)	<1
	10/12/2005 13:00	Band Office (Mini Mall Drive)	<1
	10/12/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	10/17/2005	Health Center (Spencer's Lane)	<1
	10/17/2005	Unama'ki RCMP	<1
	10/17/2005	Band Office (Mini Mall Drive)	<1
	10/17/2005	Muin Gas Bar (199 Eskasoni Road)	<1
	11/02/2005 13:00	Health Center (Spencer's Lane)	<1
	11/02/2005 13:00	Band Office (Mini Mall Drive)	<1
	11/02/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	12/05/2005	Health Center (Spencer's Lane)	<1
	12/05/2005	Unama'ki RCMP	<1
	12/05/2005	Band Office (Mini Mall Drive)	<1
	12/05/2005	Muin Gas Bar (199 Eskasoni Road)	<1

Table 9A. Results for total coliform counts for Eskasoni East in 2005.  
**Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "<<" = less than number shown (Detected), ">>" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Total Coliform (MPN/ 100mL)
	01/21/2005	Elementary School (4675 Shore Road)	<1
	01/21/2005	Elementary School (4675 Shore Road)	<1
	01/21/2005	Day Care (4531 Shore Road)	<1
	01/21/2005	Day Care (4531 Shore Road)	<1
	01/21/2005	Mi'kmaq Lodge (Shore Road)	<1
	01/21/2005	Mi'kmaq Lodge (Shore Road)	<1



	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	01/26/2005	High School (Arena Road)	<1
	01/26/2005	Mi'kmaq Lodge (Shore Road)	<1
	01/26/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	02/02/2005	Elementary School (4675 Shore Road)	<1
	02/02/2005	Elementary School (4675 Shore Road)	<1
	02/02/2005	Day Care (4531Shore Road)	<1
	02/02/2005	Morris Pizza (Shore Road)	<1
	02/02/2005	Mi'kmaq Lodge (Shore Road)	<1
	02/02/2005	Mi'kmaq Lodge (Shore Road)	<1
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	02/10/2005	Elementary School (4675 Shore Road)	<1
	02/10/2005	Day Care (4531Shore Road)	<1
	02/10/2005	Mi'kmaq Lodge (Shore Road)	<1
	02/10/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	03/02/2005	Mi'kmaq Lodge (Shore Road)	<1
	03/02/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	03/10/2005	High School (Arena Road)	<1
	03/10/2005	Mi'kmaq Lodge (Shore Road)	<1
	03/10/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	06/22/2005 21:00	Day Care (4531Shore Road)	A
	06/22/2005 21:00	Morris Pizza (Shore Road)	A
	06/22/2005 21:00	Mi'kmaq Lodge (Shore Road)	A
	06/22/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	A
	06/29/2005 21:00	Day Care (4531Shore Road)	A
	06/29/2005 21:00	Morris Pizza (Shore Road)	A
	06/29/2005 21:00	Mi'kmaq Lodge (Shore Road)	A
	06/29/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	A
	07/06/2005 22:00	Day Care (4531Shore Road)	A
	07/06/2005 22:00	Morris Pizza (Shore Road)	A
	07/06/2005 22:00	Mi'kmaq Lodge (Shore Road)	A
	07/06/2005 22:00	Unama'ki Fish and Wildlife (Shore Road)	A
	07/13/2005 13:00	Morris Pizza (Shore Road)	<1
	07/13/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	07/13/2005 13:00	Mi'kmaq Law	<1
	07/13/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1

	07/13/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	07/20/2005 13:00	Morris Pizza (Shore Road)	<1
	07/20/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	07/20/2005 13:00	Mi'kmaq Law	<1
	07/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	07/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	07/27/2005 14:00	Morris Pizza (Shore Road)	<1
	07/27/2005 14:00	Eskasoni Market (4716 Shore Road)	<1
	07/27/2005 14:00	Mi'kmaq Law	<1
	07/27/2005 14:00	Mi'kmaq Lodge (Shore Road)	<1
	07/27/2005 14:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	08/04/2005 13:00	Morris Pizza (Shore Road)	<1
	08/04/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	08/04/2005 13:00	Mi'kmaq Law	<1
	08/04/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	08/04/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	08/11/2005 13:00	Morris Pizza (Shore Road)	<1
	08/11/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	08/11/2005 13:00	Mi'kmaq Law	<1
	08/11/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	08/11/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	08/18/2005 13:00	Morris Pizza (Shore Road)	<1
	08/18/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	08/18/2005 13:00	Mi'kmaq Law	<1
	08/18/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	08/18/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	08/25/2005 13:00	Morris Pizza (Shore Road)	<1
	08/25/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	08/25/2005 13:00	Mi'kmaq Law	<1
	08/25/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	08/25/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	09/20/2005 13:00	Elementary School (4675 Shore Road)	<1
	09/20/2005 13:00	Day Care (4531 Shore Road)	<1
	09/20/2005 13:00	Morris Pizza (Shore Road)	<1
	09/20/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	09/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	09/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	10/12/2005 13:00	Elementary School (4675 Shore Road)	<1

	10/12/2005 13:00	Day Care (4531 Shore Road)	<1
	10/12/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	10/12/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	10/12/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	10/17/2005	Elementary School (4675 Shore Road)	<1
	10/17/2005	Eskasoni Market (4716 Shore Road)	<1
	10/17/2005	Mi'kmaq Lodge (Shore Road)	<1
	10/17/2005	Unama'ki Fish and Wildlife (Shore Road)	<1
	11/02/2005 13:00	Elementary School (4675 Shore Road)	<1
	11/02/2005 13:00	Day Care (4531 Shore Road)	<1
	11/02/2005 13:00	Eskasoni Market (4716 Shore Road)	<1
	11/02/2005 13:00	Mi'kmaq Lodge (Shore Road)	<1
	11/02/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	<1
	12/05/2005	Elementary School (4675 Shore Road)	<1
	12/05/2005	Eskasoni Market (4716 Shore Road)	<1
	12/05/2005	Mi'kmaq Lodge (Shore Road)	<1
	12/05/2005	Unama'ki Fish and Wildlife (Shore Road)	<1

Table 9B. Results for total coliform counts for Eskasoni West in 2005.  
**Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "<<" = less than number shown (Detected), ">>" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Total Coliform (MPN/100mL)
	01/21/2005	Health Center (Spencer's Lane)	<1
	01/21/2005	Health Center (Spencer's Lane)	<1
	01/26/2005	Health Center (Spencer's Lane)	<1
	01/26/2005	Band Office (Mini Mall Drive)	<1
	02/02/2005	Unama'ki RCMP	<1
	02/02/2005	Health Center (Spencer's Lane)	<1
	02/02/2005	Health Center (Spencer's Lane)	<1
	02/02/2005	Band Office (Mini Mall Drive)	<1
	02/02/2005	Band Office (Mini Mall Drive)	<1
	02/02/2005	Young, Charlton (Shore Road)	<1
	02/02/2005	Young, Charlton (Shore Road)	<1

	02/10/2005	Health Center (Spencer's Lane)	<1
	02/10/2005	Band Office (Mini Mall Drive)	<1
	02/10/2005	Young, Charlton (Shore Road)	<1
	03/02/2005	Health Center (Spencer's Lane)	<1
	03/02/2005	Band Office (Mini Mall Drive)	<1
	03/02/2005	Young, Charlton (Shore Road)	<1
	03/10/2005	Health Center (Spencer's Lane)	<1
	03/10/2005	Band Office (Mini Mall Drive)	<1
	07/06/2005 22:00	Band Office (Mini Mall Drive)	A
	07/13/2005 13:00	Health Center (Spencer's Lane)	<1
	07/13/2005 13:00	Band Office (Mini Mall Drive)	<1
	07/13/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	07/13/2005 21:00	Band Office (Mini Mall Drive)	A
	07/20/2005 13:00	Health Center (Spencer's Lane)	<1
	07/20/2005 13:00	Band Office (Mini Mall Drive)	<1
	07/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	07/27/2005 13:00	Health Center (Spencer's Lane)	<1
	07/27/2005 13:00	Band Office (Mini Mall Drive)	<1
	07/27/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	08/04/2005 13:00	Health Center (Spencer's Lane)	<1
	08/04/2005 13:00	Band Office (Mini Mall Drive)	<1
	08/04/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	08/11/2005 13:00	Health Center (Spencer's Lane)	<1
	08/11/2005 13:00	Band Office (Mini Mall Drive)	<1
	08/11/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	08/18/2005 13:00	Health Center (Spencer's Lane)	<1
	08/18/2005 13:00	Band Office (Mini Mall Drive)	<1
	08/18/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	09/20/2005 13:00	Band Office (Mini Mall Drive)	<1
	09/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	10/12/2005 13:00	Health Center (Spencer's Lane)	<1
	10/12/2005 13:00	Band Office (Mini Mall Drive)	<1
	10/12/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	10/17/2005	Unama'ki RCMP	<1
	10/17/2005	Band Office (Mini Mall Drive)	<1
	10/17/2005	Health Center (Spencer's Lane)	<1
	10/17/2005	Muin Gas Bar (199 Eskasoni Road)	<1

	11/02/2005 13:00	Health Center (Spencer's Lane)	<1
	11/02/2005 13:00	Band Office (Mini Mall Drive)	<1
	11/02/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	<1
	12/05/2005	Unama'ki RCMP	<1
	12/05/2005	Band Office (Mini Mall Drive)	<1
	12/05/2005	Health Center (Spencer's Lane)	<1
	12/05/2005	Muin Gas Bar (199 Eskasoni Road)	<1

Table 10A. Chlorine results for Eskasoni East in 2005.

<b>Outside Limits</b>	<b>Date</b>	<b>Sample Location</b>	<b>Chlorine (free) (mg/L)</b>
	01/21/2005	Elementary School (4675 Shore Road)	0.75
	01/21/2005	Elementary School (4675 Shore Road)	0.75
	01/21/2005	Day Care (4531 Shore Road)	0.10
	01/21/2005	Day Care (4531 Shore Road)	0.10
	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	0.17
	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	0.17
	01/21/2005	Mi'kmaq Lodge (Shore Road)	0.17
	01/21/2005	Mi'kmaq Lodge (Shore Road)	0.17
	01/26/2005	High School (Arena Road)	0.93
	01/26/2005	Unama'ki Fish and Wildlife (Shore Road)	0.33
	01/26/2005	Mi'kmaq Lodge (Shore Road)	0.68
	02/02/2005	Elementary School (4675 Shore Road)	0.43
	02/02/2005	Elementary School (4675 Shore Road)	0.84
	02/02/2005	Day Care (4531 Shore Road)	0.47
	02/02/2005	Morris Pizza (Shore Road)	0.62
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	0.37
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	0.47
	02/02/2005	Mi'kmaq Lodge (Shore Road)	0.31
	02/02/2005	Mi'kmaq Lodge (Shore Road)	0.77
	02/10/2005	Elementary School (4675 Shore Road)	0.78
	02/10/2005	Day Care (4531 Shore Road)	0.61
	02/10/2005	Unama'ki Fish and Wildlife (Shore Road)	0.61
	02/10/2005	Mi'kmaq Lodge (Shore Road)	0.68
	03/02/2005	Unama'ki Fish and Wildlife (Shore Road)	0.69
	03/02/2005	Mi'kmaq Lodge (Shore Road)	0.73

	03/10/2005	High School (Arena Road)	0.90
	03/10/2005	Unama'ki Fish and Wildlife (Shore Road)	0.39
	03/10/2005	Mi'kmaq Lodge (Shore Road)	0.82
*	6/22/2005 21:00	Day Care (4531Shore Road)	0.02
	06/22/2005 21:00	Morris Pizza (Shore Road)	0.50
	06/22/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	0.37
	06/22/2005 21:00	Mi'kmaq Lodge (Shore Road)	0.80
*	06/29/2005 21:00	Day Care (4531Shore Road)	0.01
	06/29/2005 21:00	Morris Pizza (Shore Road)	0.33
	06/29/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	0.36
	06/29/2005 21:00	Mi'kmaq Lodge (Shore Road)	0.24
	07/06/2005 22:00	Day Care (4531Shore Road)	0.29
	07/06/2005 22:00	Morris Pizza (Shore Road)	0.40
	07/06/2005 22:00	Unama'ki Fish and Wildlife (Shore Road)	0.38
	07/06/2005 22:00	Mi'kmaq Lodge (Shore Road)	0.73
	07/13/2005 13:00	Morris Pizza (Shore Road)	0.30
	07/13/2005 13:00	Mi'kmaq Law	0.05
	07/13/2005 13:00	Eskasoni Market (4716 Shore Road)	0.60
	07/13/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.51
	07/13/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.65
	07/20/2005 13:00	Morris Pizza (Shore Road)	0.32
	07/20/2005 13:00	Mi'kmaq Law	0.46
	07/20/2005 13:00	Eskasoni Market (4716 Shore Road)	0.29
	07/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.58
	07/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.59
	07/27/2005 14:00	Morris Pizza (Shore Road)	0.30
	07/27/2005 14:00	Mi'kmaq Law	0.10
	07/27/2005 14:00	Eskasoni Market (4716 Shore Road)	0.38
	07/27/2005 14:00	Unama'ki Fish and Wildlife (Shore Road)	0.47
	07/27/2005 14:00	Mi'kmaq Lodge (Shore Road)	0.65
	08/04/2005 13:00	Morris Pizza (Shore Road)	0.46
	08/04/2005 13:00	Mi'kmaq Law	0.13
	08/04/2005 13:00	Eskasoni Market (4716 Shore Road)	0.54
	08/04/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.13
	08/04/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.46
	08/11/2005 13:00	Morris Pizza (Shore Road)	0.60
	08/11/2005 13:00	Mi'kmaq Law	0.24
	08/11/2005 13:00	Eskasoni Market (4716 Shore Road)	0.65

	08/11/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.32
	08/11/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.65
	08/18/2005 13:00	Morris Pizza (Shore Road)	0.87
	08/18/2005 13:00	Mi'kmaq Law	0.50
	08/18/2005 13:00	Eskasoni Market (4716 Shore Road)	0.46
	08/18/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.32
	08/18/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.85
	08/25/2005 13:00	Morris Pizza (Shore Road)	0.58
	08/25/2005 13:00	Mi'kmaq Law	0.13
	08/25/2005 13:00	Eskasoni Market (4716 Shore Road)	0.55
	08/25/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.26
	08/25/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.63
	09/20/2005 13:00	Elementary School (4675 Shore Road)	0.23
	09/20/2005 13:00	Day Care (4531 Shore Road)	0.30
	09/20/2005 13:00	Morris Pizza (Shore Road)	0.69
	09/20/2005 13:00	Eskasoni Market (4716 Shore Road)	0.50
	09/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.51
	09/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.70
	10/12/2005 13:00	Elementary School (4675 Shore Road)	0.33
	10/12/2005 13:00	Day Care (4531 Shore Road)	0.14
	10/12/2005 13:00	Eskasoni Market (4716 Shore Road)	0.22
	10/12/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.13
	10/12/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.23
	11/02/2005 13:00	Elementary School (4675 Shore Road)	0.19
	11/02/2005 13:00	Day Care (4531 Shore Road)	0.15
	11/02/2005 13:00	Eskasoni Market (4716 Shore Road)	0.20
	11/02/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	0.10
	11/02/2005 13:00	Mi'kmaq Lodge (Shore Road)	0.11

Table 10B. Chlorine results for Eskasoni West in 2005.

Outside Limits	Date	Sample Location	Chlorine (free) (mg/L)
	01/21/2005	Health Center (Spencer's Lane)	0.39
	01/21/2005	Health Center (Spencer's Lane)	0.39
	01/26/2005	Band Office (Mini Mall Drive)	0.88
*	01/26/2005	Health Center (Spencer's Lane)	0.04

	02/02/2005	Band Office (Mini Mall Drive)	0.34
	02/02/2005	Band Office (Mini Mall Drive)	0.80
	02/02/2005	Health Center (Spencer's Lane)	0.80
	02/02/2005	Health Center (Spencer's Lane)	0.96
	02/02/2005	Unama'ki RCMP	0.43
	02/02/2005	Young, Charlton (Shore Road)	0.56
	02/02/2005	Young, Charlton (Shore Road)	0.80
	02/10/2005	Band Office (Mini Mall Drive)	0.84
	02/10/2005	Health Center (Spencer's Lane)	0.80
	02/10/2005	Young, Charlton (Shore Road)	0.80
	03/02/2005	Band Office (Mini Mall Drive)	0.79
	03/02/2005	Health Center (Spencer's Lane)	1.03
	03/02/2005	Young, Charlton (Shore Road)	0.79
	03/10/2005	Band Office (Mini Mall Drive)	0.65
	03/10/2005	Health Center (Spencer's Lane)	0.72
	07/06/2005 22:00	Band Office (Mini Mall Drive)	0.55
	07/13/2005 13:00	Band Office (Mini Mall Drive)	0.54
	07/13/2005 13:00	Health Center (Spencer's Lane)	0.74
	07/13/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.46
	07/13/2005 21:00	Band Office (Mini Mall Drive)	0.68
	07/20/2005 13:00	Band Office (Mini Mall Drive)	0.44
	07/20/2005 13:00	Health Center (Spencer's Lane)	0.57
	07/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.42
	07/27/2005 13:00	Band Office (Mini Mall Drive)	0.39
	07/27/2005 13:00	Health Center (Spencer's Lane)	0.50
	07/27/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.47
	08/04/2005 13:00	Band Office (Mini Mall Drive)	0.30
	08/04/2005 13:00	Health Center (Spencer's Lane)	0.51
	08/04/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.39
	08/11/2005 13:00	Band Office (Mini Mall Drive)	0.60
	08/11/2005 13:00	Health Center (Spencer's Lane)	0.62
	08/11/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.57
	08/18/2005 13:00	Band Office (Mini Mall Drive)	0.50
	08/18/2005 13:00	Health Center (Spencer's Lane)	0.61
	08/18/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.63
	09/20/2005 13:00	Band Office (Mini Mall Drive)	0.54
	09/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.94



	10/12/2005 13:00	Band Office (Mini Mall Drive)	0.38
	10/12/2005 13:00	Health Center (Spencer's Lane)	0.57
	10/12/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.78
	11/02/2005 13:00	Band Office (Mini Mall Drive)	0.16
	11/02/2005 13:00	Health Center (Spencer's Lane)	0.39
	11/02/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	0.35

Table 11. Summary of routine physical analysis results for drinking water in Eskasoni (2005).

ices	Min.	Max.	Average	95th Percentile	Unit
	0	0	0	0	NTU
	0	0	0	0	NTU

Table 12A. Results from routine chemical and physical samples for drinking water quality in Eskasoni East (2005). **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "«" = less than number shown (Detected), "»" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Turbidity (NTU)
	01/21/2005	Day Care (4531Shore Road)	0
	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	01/21/2005	Mi'kmaq Lodge (Shore Road)	0
	01/21/2005	Elementary School (4675 Shore Road)	0
	01/21/2005	Day Care (4531Shore Road)	0
	01/21/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	01/21/2005	Mi'kmaq Lodge (Shore Road)	0
	01/21/2005	Elementary School (4675 Shore Road)	0
	01/26/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	01/26/2005	Mi'kmaq Lodge (Shore Road)	0
	01/26/2005	High School (Arena Road)	0
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	02/02/2005	Mi'kmaq Lodge (Shore Road)	0

	02/02/2005	Elementary School (4675 Shore Road)	0
	02/02/2005	Day Care (4531Shore Road)	0
	02/02/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	02/02/2005	Mi'kmaq Lodge (Shore Road)	0
	02/02/2005	Elementary School (4675 Shore Road)	0
	02/02/2005	Morris Pizza (Shore Road)	0
	02/10/2005	Day Care (4531Shore Road)	0
	02/10/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	02/10/2005	Mi'kmaq Lodge (Shore Road)	0
	02/10/2005	Elementary School (4675 Shore Road)	0
	03/02/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	03/02/2005	Mi'kmaq Lodge (Shore Road)	0
	03/10/2005	Unama'ki Fish and Wildlife (Shore Road)	0
	03/10/2005	Mi'kmaq Lodge (Shore Road)	0
	03/10/2005	High School (Arena Road)	0
	06/22/2005 21:00	Day Care (4531Shore Road)	NT
	06/22/2005 21:00	Mi'kmaq Lodge (Shore Road)	NT
	06/22/2005 21:00	Morris Pizza (Shore Road)	NT
	06/22/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	06/29/2005 21:00	Day Care (4531Shore Road)	NT
	06/29/2005 21:00	Mi'kmaq Lodge (Shore Road)	NT
	06/29/2005 21:00	Morris Pizza (Shore Road)	NT
	06/29/2005 21:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	07/06/2005 22:00	Day Care (4531Shore Road)	NT
	07/06/2005 22:00	Mi'kmaq Lodge (Shore Road)	NT
	07/06/2005 22:00	Morris Pizza (Shore Road)	NT
	07/06/2005 22:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	07/13/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	07/13/2005 13:00	Morris Pizza (Shore Road)	NT
	07/13/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	07/13/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	07/13/2005 13:00	Mi'kmaq Law	NT
	07/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	07/20/2005 13:00	Morris Pizza (Shore Road)	NT
	07/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	07/20/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	07/20/2005 13:00	Mi'kmaq Law	NT
	07/27/2005 14:00	Mi'kmaq Lodge (Shore Road)	NT

	07/27/2005 14:00	Morris Pizza (Shore Road)	NT
	07/27/2005 14:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	07/27/2005 14:00	Eskasoni Market (4716 Shore Road)	NT
	07/27/2005 14:00	Mi'kmaq Law	NT
	08/04/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	08/04/2005 13:00	Morris Pizza (Shore Road)	NT
	08/04/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	08/04/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	08/04/2005 13:00	Mi'kmaq Law	NT
	08/11/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	08/11/2005 13:00	Morris Pizza (Shore Road)	NT
	08/11/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	08/11/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	08/11/2005 13:00	Mi'kmaq Law	NT
	08/18/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	08/18/2005 13:00	Morris Pizza (Shore Road)	NT
	08/18/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	08/18/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	08/18/2005 13:00	Mi'kmaq Law	NT
	08/25/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	08/25/2005 13:00	Morris Pizza (Shore Road)	NT
	08/25/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	08/25/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	08/25/2005 13:00	Mi'kmaq Law	NT
	09/20/2005 13:00	Day Care (4531Shore Road)	NT
	09/20/2005 13:00	Elementary School (4675 Shore Road)	NT
	09/20/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	09/20/2005 13:00	Morris Pizza (Shore Road)	NT
	09/20/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	09/20/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	10/12/2005 13:00	Day Care (4531Shore Road)	NT
	10/12/2005 13:00	Elementary School (4675 Shore Road)	NT
	10/12/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT
	10/12/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	10/12/2005 13:00	Eskasoni Market (4716 Shore Road)	NT
	11/02/2005 13:00	Day Care (4531Shore Road)	NT
	11/02/2005 13:00	Elementary School (4675 Shore Road)	NT
	11/02/2005 13:00	Mi'kmaq Lodge (Shore Road)	NT

	11/02/2005 13:00	Unama'ki Fish and Wildlife (Shore Road)	NT
	11/02/2005 13:00	Eskasoni Market (4716 Shore Road)	NT

Table 12B. Results from routine chemical and physical samples for drinking water quality in Eskasoni West (2005). **Result:** P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested "<" = less than detection limit shown, ">" = greater than upper range limit shown, "«" = less than number shown (Detected), "»" = greater than number shown (Detected), \* Criteria Exceeded.

Outside Limits	Date	Sample Location	Turbidity (NTU)
	01/21/2005	Health Center (Spencer's Lane)	0
	01/21/2005	Health Center (Spencer's Lane)	0
	01/26/2005	Band Office (Mini Mall Drive)	0
	01/26/2005	Health Center (Spencer's Lane)	0
	02/02/2005	Band Office (Mini Mall Drive)	0
	02/02/2005	Health Center (Spencer's Lane)	0
	02/02/2005	Unama'ki RCMP	0
	02/02/2005	Young, Charlton (Shore Road)	0
	02/02/2005	Band Office (Mini Mall Drive)	0
	02/02/2005	Health Center (Spencer's Lane)	0
	02/02/2005	Young, Charlton (Shore Road)	0
	02/10/2005	Band Office (Mini Mall Drive)	0
	02/10/2005	Health Center (Spencer's Lane)	0
	02/10/2005	Young, Charlton (Shore Road)	0
	03/02/2005	Young, Charlton (Shore Road)	0
	03/02/2005	Band Office (Mini Mall Drive)	0
	03/02/2005	Health Center (Spencer's Lane)	0
	03/10/2005	Band Office (Mini Mall Drive)	0
	03/10/2005	Health Center (Spencer's Lane)	0
	07/06/2005 22:00	Band Office (Mini Mall Drive)	NT
	07/13/2005 13:00	Band Office (Mini Mall Drive)	NT
	07/13/2005 13:00	Health Center (Spencer's Lane)	NT
	07/13/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	07/13/2005 21:00	Band Office (Mini Mall Drive)	NT
	07/20/2005 13:00	Band Office (Mini Mall Drive)	NT

	07/20/2005 13:00	Health Center (Spencer's Lane)	NT
	07/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	07/27/2005 13:00	Band Office (Mini Mall Drive)	NT
	07/27/2005 13:00	Health Center (Spencer's Lane)	NT
	07/27/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	08/04/2005 13:00	Band Office (Mini Mall Drive)	NT
	08/04/2005 13:00	Health Center (Spencer's Lane)	NT
	08/04/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	08/11/2005 13:00	Band Office (Mini Mall Drive)	NT
	08/11/2005 13:00	Health Center (Spencer's Lane)	NT
	08/11/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	08/18/2005 13:00	Band Office (Mini Mall Drive)	NT
	08/18/2005 13:00	Health Center (Spencer's Lane)	NT
	08/18/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	09/20/2005 13:00	Band Office (Mini Mall Drive)	NT
	09/20/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	10/12/2005 13:00	Band Office (Mini Mall Drive)	NT
	10/12/2005 13:00	Health Center (Spencer's Lane)	NT
	10/12/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT
	11/02/2005 13:00	Band Office (Mini Mall Drive)	NT
	11/02/2005 13:00	Health Center (Spencer's Lane)	NT
	11/02/2005 13:00	Jeddore, Andrew (5279 Mountain Rd.)	NT

## ***List of References***

ADI Limited, Environmental Baseline Study Of Six Nova Scotia First Nations, November 1999.

Atlantic First Nations Drinking Water Safety Program, Health Canada, FNIHB, Community Based Water Monitors Training Package, August 2004.

